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DRAFT EIGHTH FIVE YEAR PLAN 1992-97
AND
ANNUAL PLAN 1992-93

**PLANNING DEPARTMENT
GOVERNMENT OF HIMACHAL PRADESH
SHIMLA-171002**

CONTENTS

APTER	Page
I. Base Line Survey of the State Economy of Himachal Pradesh	G-1
II. Eighth Five Year Plan (1992-97) and Annual Plan (1992-93)—An Outline	G-16
Tribal Development in Himachal Pradesh	3-27
Special Component Plan For Scheduled Castes	G-32
Backward Area Sub Plan	G-35
Thrust on Rural Development in Eighth Five Year Plan (1992-97)	G-47
Power Development in H.P. —Retrospect and Prospect	G-52
III. Employment Situation in Himachal Pradesh	G-62
IX. Agriculture Development in Himachal Pradesh	G-70
X. Decentralisation of Development, Planning and Administration	G-80
XI. Investment Scenerio During Eighth Five Year Plan (1992-97) and Annual Plan 1992-93	G-90
XII. Sectoral Programmes :—	
A. ECONOMIC SERVICES :	
I. Agriculture and Allied Activities:	
Crop Husbandry:	
(a) Agriculture	S-1
(b) Horticulture	S-17
(c) Dry Land Farming	S-36
Soil and Water Conservation:	
(a) Agriculture	S-39
(b) Forest	S-41
Animal Husbandry	S-43
Dairy Development	S-56
Fisberies	S-70
Forestry	S-80
Wild Life	S-91
Agriculture, Research and Education	S-97
Investment in Agricultural Financial Institutions	S-99
Marketing and Quality Control	S-102
Loans to Cultivators other than Horticulture	S-109
Co-operation	S-110
II. Rural Development:	
Integrated Rural Development Programme	S-128
Antyodaya Programme	S-130
Integrated Rural Energy Programme	S-133
Special Employment Programme	S-137
Jawahar Rozgar Yojana	S-138
Land Reforms :	
Cadastral Survey and Record of Rights	S-140
Supporting Services to New Allottees of Land	S-143
Consolidation of Holdings	S-143
Strengthening of Primary & Supervisory Land Records Agency	S-145
Revenue Housing	S-147
Forest Settlement	S-149
Community Development	S-150
Panchayats	S-153
III. Special Area Programmes:	
IV. Irrigation and Flood Control:	
Major and Medium Irrigation	S-159
Minor Irrigation	S-164
Command Area Development	S-166
Flood Control	S-169

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1	2	3
V. Energy:		
Power		S-173
Bio-gas Development		S-181
Non-Conventional Sources of Energy		S-182
VI. Industry And Minerals:	Sub. National Systems Unit,	
	National Institute of Educational	
	Planning and Administration	
Village and Small Industries	17-B, Sri Aurobindo Marg, New Delhi-110010	S-185
Large and Medium Industries		S-195
Mineral Development	DOC. No. D. 6843	S-203
VII. Transport:	Date: 13/5/92	
Civil Aviation		S-204
Roads & Bridges including Ropeways & Cableways		S-208
Road Transport		S-223
Inland Water Transport		S-229
Inter Model Transport Study		S-231
VIII. Tele-Communication:		S-232
IX. Science, Technology & Environment:		
Scientific Research including Science and Technology		S-233
Ecology and Environment		S-250
Water and Air Pollution Prevention		S-256
X. General Economic Services:		
State Planning Machinery		S-261
Other Secretariat Economic Services		S-266
Tourism		S-267
Survey and Statistics		S-276
Weights and Measures		S-284
Civil Supplies		S-286
Institutional Finance and Public Enterprises		S-290
District Planning		S-291
B. SOCIAL SERVICES:		
XI. General Education:		
General and University Education		S-299
Technical Education		S-311
Youth Services and Sports		S-323
Art and Culture		S-332
Mountaineering and Allied Sports		S-341
Gazetteer		S-343
XII. Health:		
Allopathy		S-344
Ayurveda and other ISMS		S-359
Medical Education		S-365
XIII. Water Supply, Housing, Urban Development and Sanitation:		
Urban Water Supply		S-372
Rural Water Supply		S-373
Sewerage		S-377
Rural Sanitation		S-378
Low Cost Sanitation		S-379
Pooled Government Housing		S-383
Housing Department		S-386
Rural Housing		S-390
Environmental Improvement of Urban Slums		S-392
Grant-in-aid to Local Bodies		S-393
Urban Development Authority		S-394
XIV. Information and Publicity		S-395
XV. Welfare		S-401

1	2	3
XVI.	Labour and Labour Welfare	S-408
XVII.	Social Welfare and Nutrition	S-416
XVIII. General Services		
	Stationery and Printing	S-426
	Pooled Non-Residential Government Buildings	S-427
	H.P. Institute of Public Administration	S-430
	Nucleus Budget for Tribal Areas	S-432
	Tribal Development Machinery	S-433
	Equity to Ex-Service-men Corporation	S-433

STATEMENTS

1.	Statement—G.N.—I.A—Head of Development-wise Outlays and Expenditure During Seventh Five Year Plan 1985-90 and Annual Plans 1990-91 and 1991-92	T-1
2.	Statement—G.N.—II.A—Head of Development/Scheme-wise Outlays and Expenditure During Seventh Five Year Plan 1985-90 and Annual Plans 1990-91 and 1991-92	T-6
3.	Statement—G.N.—I.B—Head of Development-wise outlays and Expenditure—Draft Eighth Five Year Plan 1992-97 and Annual Plan 1992-93	T-40
4.	Statement—G.N.—II.B—Head of Development/Scheme-wise outlays and Expenditure—Draft Eighth Plan 1992-97 and Annual Plan 1992-93	T-45
5.	Statement—G.N.—III—Draft Eighth-Five Year Plan 1992-97 and Annual Plan 1992-93—Physical Targets and Achievements	T-102
6.	Statement—G.N.—IV—Outlays and Expenditure under Minimum Needs Programme—Draft Eighth Five Year Plan 1992-97 and Annual Plan 1992-93	T-119
7.	Statement—G.N.—V—Physical Targets and Achievement under Minimum Needs Programme—Draft Eighth Five Year Plan 1992-97 and Annual Plan 1992-93	T-120
8.	Statement—G.N.—VI—Centrally Sponsored Schemes (Outlay and Expenditure under Central Sector Only)—Draft Eighth-Five Year Plan 1992-97 and Annual Plan 1992-93.	T-123
9.	Statement—TSP-I—Head of Development-Wise Outlays and Expenditure—Draft Eighth Five Year Plan-1992-97 and Annual Plan-1992-93-Flow From the overall State Plan to Tribal Sub-Plan.	T-132
10.	Statement—TSP-II—Draft Eighth-Five Year Plan-1992-97 and Annual Plan-1992-93 Physical Targets and Achievements	T-137
11.	Statement—SCP-I—Head of Development-wise outlay and Expenditure—Draft Eighth Five Year Plan-1992-97 and Draft Annual Plan 1992-93— Flow From the Overall State Plan to Special Component Plan	T-140
12.	Statement—SCP-II—Physical Targets and Achievements—Draft Eighth Five Year Plan-1992-97 and Annual Plan-1992-93.	T-146
13.	Statement—EAP—Project-wise Details under Externally Aided Projects—Draft Eighth Five Year Plan-1992-97 and Annual Plan 1992-93.	T-150
14.	Statement—W.S.S-I—Water Supply and Sanitation sector scheme-wise Details of Urban Water Supply and Sanitation—Financial Contents—Draft Eighth Five Year Plan-1992-97 and Annual Plan-1992-93	T-152
15.	Statement—WSS-II—Physical Targets and Achievements—Water Supply and Sanitation Sector—Draft Eighth Five Year Plan-1992-97 and Annual Plan 1992-93.	T-155
16.	Statement—EMP—Statement Showing Employment (Scheme-wise) in the Seventh—Eighth Plan with Corresponding Figures of outlays Expenditure.	T-156
17.	Statement—RC—Rural Component—Draft Eighth Five Year Plan 1992-97 and Annual Plan 1992-93.	T-161
18.	Statement—DP—District-wise/Head of Development-wise outlays and Expenditure—Draft Eighth Five Year Plan 1992-97 and Annual Plan 1992-93.	T-164
19.	Statement—BA-I—Backward Area Sub-Plan—Head of Development-wise Outlays and Expenditure—Draft Eighth Five Year Plan 1992-97 Annual Plan 1992-93.	T-180
20.	Statement—B.A-II—Physical Targets and Achievements—Draft Eighth Five Year Plan 1992-97 and Annual Plan 1992-93.	T-181

DRAFT EIGHTH FIVE YEAR PLAN 1992-97

AND

ANNUAL PLAN 1992-93

Submitted to Planning Commission In December, 1991

CHAPTER - I

BASE LINE SURVEY OF THE STATE ECONOMY OF HIMACHAL PRADESH

Himachal Pradesh came into being by merger of thirty and odd princely hill states on 15th April, 1948. It underwent a series of metamorphic changes, both political and administrative, till it became the Eighteenth State of Indian Union on 25th January, 1971. Subsequently, re-organisation of districts in 1972 gave Himachal Pradesh the shape as it exists today. Himachal Pradesh has an area of 55,673 square kilometres and according to 1991 Census a population of 51.11 lakh. The density of population is 92 persons per square kilometre as compared to 267 at the all-India level. Himachal Pradesh is predominantly rural in character and as 91 percent of the population lives in rural areas and the remaining 9 percent is located in 55 towns. According to 1981 Census Scheduled Castes form 24.6 percent of population while Scheduled Tribes account for 4.6 percent. The areas comprising of Kinnaur District, Lahaul and Spiti district and Pangi and Bharmour tehsils of Chamba district form the tribal areas of the Pradesh.

Demographic Trends :

The population of the State registered a growth of 19.39 percent as against 23.50 percent at all-India level during the decade 1981-91, thus recording a decline of 4.32 percent as compared to the preceeding decade 1971-81. The Annual Compound Growth Rate of population during 1981-91 period was 1.77 percent as compared to 2.15 percent during the preceeding decade 1971-81. The important comparative demographic indicators are presented in the following table :

TABLE 1 - DEMOGRAPHIC DATA AND INDICATORS

Item	Unit	1971 Census	1981 Census	1991 Census
1.	2.	3.	4.	5.
1. Population				
(a) Total	Lakh Persons	34.60	42.80	51.11
(b) Male	Lakh Persons	17.67	21.70	25.61
(c) Female	Lakh Persons	16.93	21.10	25.50
2. Scheduled Castes	Lakh Persons	7.70	10.54	..
3. Scheduled Tribes	Lakh Persons	1.42	1.97	..
4. Density of Population	Persons (per 100 sq. km.)	62.00	77.00	92.00

1.	2.	3.	4.	5.
5. Decennial Growth of Population	%	23.04	23.71	19.39
6. Literacy Percentage				
(a) Total	%	31.96	42.48	63.54
(b) Male	%	43.20	53.19	74.57
(c) Female	%	20.20	31.46	52.46
7. Percentage composition				
(a) Rural Population	%	93.00	92.40	91.30
(b) Urban Population	%	7.00	7.60	8.70
8. Percentage of total Population				
(a) Scheduled Castes	%	22.30	24.62	--
(b) Scheduled Tribes	%	4.00	4.61	--
9. Sex Ratio	Females Per 1000 Males	958	973	996

Human Resources :

The population of Himachal Pradesh according to 1981 Census was 42.81 lakh. The age-wise distribution of this population is as under :

Age Group	In Lakh
0 - 14	16.94
15 - 59	22.66
+ 60	3.21

	42.81

The labour force (15-59 years) constitutes 22.66 lakh which forms 52.93 percent of the total population. The following table gives the distribution of main workers and marginal workers classified by industrial categories according to 1981 Census :

TABLE 2 - DETAILS OF WORK FORCE (Lakh Persons)

Item	Particulars
1.	2.
1. Total Population	42.81
2. Main Workers :	14.71
(a) Cultivators	11.02
(b) Agricultural Labourers	3.53
(c) Livestock, Forestry, Hunting, Fisheries, Orchards, Plantation and Allied activities	0.16

1.	2.
(d) Mining and Quarrying	0.04
(e) Manufacturing, Processing, Servicing and Repairs	0.79
(f) Construction	0.79
(g) Trade and Commerce	0.53
(h) Transport, Storage and Communication	0.27
(i) Other Services	1.50
3. Marginal Workers :	3.43
(a) Cultivators	3.212
(b) Agricultural Labourers	0.106
(c) Livestock, Forestry, Hunting, Fisheries, Orchards, Plantation and Allied activities	0.019
(d) Mining and Quarrying	Neg.
(e) Manufacturing, Processing, Servicing and Repairs	0.042
(f) Construction	0.019
(g) Trade and Commerce	0.009
(h) Transport, Storage and Communication	0.006
(i) Other Services	0.017
4. Non-Workers	24.67

It would be seen that the total population of 42.81 lakh persons, main workers and marginal workers together constitute 18.14 lakh. Thus the total work force forms 42.37 percent of the total population. Of this work force, 13.74 lakh are cultivators and agricultural labourers which constitute 75.74 percent of the total workers and the rest 24.26 percent are engaged in other economic activities.

The non-workers constitute 57.63 percent of the total population. The age-wise composition of the non-workers population is as under :

<u>Age Group</u>	<u>Population</u>	<u>Percent to Total</u>
0 - 14	15.95	64.65
15 - 59	7.07	28.66
+ 60	1.65	6.69
	-----	-----
Total	24.67	100.00
	-----	-----

Thus it would be seen that bulk of this population viz. 64.65 percent are children in the age group 0 - 14 years, 28.66 percent in the age group 15 - 59 years and 6.69 percent in the age group of 60 years and above. The non-workers constitute 28.66 percent of labour force in the age group of 15 - 59 years.

Growth of State Economy :

The estimates of State Domestic Product (State Income) is the most appropriate composite economic indicator for measuring the general economic health of the State. The study of inter-sectoral distribution of State Domestic Product shows the cumulative effect of development efforts made in various sectors of the economy. The data relating to the growth rate and State Domestic Product from 1980-81 to 1988-89 are given in the following table:

TABLE 3 - MOVEMENT OF STATE DOMESTIC PRODUCT

Year	Net State Domestic Product		Annual Growth	
	Current Prices (Rs. in Lakh)	Constant Prices (1980-81 Prices) (Rs. in Lakh)	Current Prices	Constant Prices (1980-81 Prices)
1.	2.	3.	4.	5.
1980-81	72056.57	72056.57	--	--
1981-82	84369.61	76600.70	17.1	6.3
1982-83	89410.43	73869.43	6.0	(-)3.6
1983-84	101916.93	77391.59	14.0	4.8
1984-85	102365.20	72998.74	0.4	(-)5.7
1985-86	122770.55	82667.27	19.9	13.2
1986-87	135328.65	88616.54	10.2	7.3
1987-88	150856.96	87829.84	11.5	(-)0.9
1988-89	177957.83	94371.85	18.0	7.4
1989-90(Q)	199912.58	104747.42	12.3	11.0
Average Growth Rate during (1985-90)			14.4	7.6

It would be seen from the above table that during the terminal year of the Sixth Five Year Plan i.e. 1984-85, economy of the Pradesh witnessed a decline of 5.7 percent over the previous year. This was due to the severest drought faced by the Pradesh during this year. However, during the Seventh Five Year Plan, viz. 1985-90, the economy grew at an average growth rate of 7.6 percent. The sectoral distribution of these growth rates is depicted as under :

**ANNUAL GROWTH RATE UNDER VARIOUS BROAD SECTORS
DURING THE SEVENTH PLAN**

(Percentage)

Sector	1985-86	1986-87	1987-88	1988-89	1989-90	Average 7th Plan
1.	2.	3.	4.	5.	6.	7.
Agriculture & Allied Sectors	12.9	7.5	-14.6	8.7	23.8	7.7
Mining and Manufacturing	10.4	6.6	5.4	6.7	0.3	5.9
Construction	45.6	-6.2	21.6	-2.3	1.2	12.0
Elect., Gas & Water Supply	-2.0	11.6	-18.0	22.6	16.8	6.2
Transport, Communication and Trade	8.8	13.4	-1.0	9.6	4.0	7.0
Rest of the Sectors	6.0	10.8	13.3	8.8	2.7	8.3
Net State Domestic Product	13.2	7.3	-0.9	7.4	11.0	7.6

A look at the movement of per capita income at current prices reveal that at the terminal year of the Sixth Plan viz. 1984-85, the per capita income was Rs. 2283. This per capita income went up to Rs. 4005 at the terminal year of Seventh Plan (1989-90); thus witnessing an annual growth of 9.9 percent. However; in real terms, the per capita income at 1980-81 prices was Rs. 1592 as against Rs. 2098 in 1989-90. Thus registering an annual growth rate of 5.8 percent.

TABLE 4 - MOVEMENT OF PER CAPITA INCOME

Year	Per Capita Income (in Rs.)		Annual Growth	
	at Current Prices	at Constant Prices (1980-81 Prices)	Current Prices	Constant Prices (1980-81 Prices)
1.	2.	3.	4.	5.
1980-81	1698	1698	--	--
1981-82	1948	1769	14.7	4.2
1982-83	2025	1673	4.0	(-)5.4
1983-84	2264	1719	11.8	2.7
1984-85	2283	1592	0.8	(-)7.4
1985-86	2630	1771	15.2	11.2
1986-87	2848	1865	8.3	5.3
1987-88	3122	1818	9.6	(-)2.5
1988-89	3622	1921	6.0	5.7
1989-90	4005	2098	10.6	9.2

Before going to discuss the various sectors of the economy, it will be pertinent to discuss the contribution of various sectors of the economy to State Net Domestic Product at factor cost. These sectors are broadly classified as :

(i) Primary sector (constituting Agriculture, Animal Husbandry, Forestry and Logging, Fishing, Mining and Quarrying), (ii) Secondary sector (constituting Manufacturing, construction, Electricity, Gas and Water supply), (iii) Transport Communication and Trade (constituting Transport, Storage and communication, Railways, Transport by other means, Trade, Hotels and Restaurants), (iv) Finance and Real Estate (constituting Banking and Insurance, Real Estate and Ownership of dwelling and business services) and (v) Community and Personal Services (constituting Public Administration and other services). The contribution by way of these broad five sectors of the economy to State Domestic Product (State Income) during 1989-90 is depicted in the following table :

TABLE 5 - STATE DOMESTIC PRODUCT BY SECTORS DURING 1984-85 AND 1989-90 AT CONSTANT PRICES

Sectors	Contribution (1984-85) (Rs. in Lakh)	Percentage to Total	Contribution (1989-90) (Rs. in Lakh)	Percentage to Total
1.	2.	3.	4.	5.
1. Primary Sector	32775.07	44.90	45714.38	43.64
2. Secondary Sector	13973.41	19.14	20657.91	19.72
3. Transport Communication and Trade	6365.63	8.72	8783.99	8.39
4. Finance and Real Estate	7279.46	9.97	10562.75	10.08
5. Community and Personal Services	12605.17	17.27	19028.39	18.17
Net State Domestic Product	72998.74	100.00	104747.42	100.00

It would be seen that the Primary sector contributes 43.64 percent followed by Secondary sector 19.72 percent, Community and Personal services 18.17 percent, Finance and Real Estate 10.08 percent and Transport Communication and Trade 8.39 percent. Thus the economy of Himachal Pradesh is agrarian in character and thus is the largest single industry and main occupation of the people of Himachal Pradesh. It provides direct employment to 70 percent of the main working population of the Pradesh. The annual growth observed by these broad sectors during the Sixth and Seventh Plan are discussed as under :

Primary Sector :

The average annual growth rate observed during the Sixth Plan under this broad sector of the economy was (-)1.7%. During the Seventh Plan, the Annual average growth of this sector was 7.7 percent.

Secondary Sector :

The average annual growth during the Sixth Plan was recorded as 10.5 percent under the Secondary Sector. During this period, the highest rate recorded was 23.4 percent in the year 1981-82. During the Seventh Plan this sector has registered the annual average growth of 8.6 percent.

Transport Communication and Trade :

The overall Sixth Plan growth rate in this sector was 3.0 percent. The highest growth rate recorded was 8.8 percent in 1981-82. During the Seventh Plan, this sector grew at the annual average growth of about 7.0 percent.

Finance and Real Estate :

The overall Sixth Plan growth rate recorded in this sector was 5.0 percent. However, this sector has grown at an average annual rate of 7.8 percent during the Seventh Plan.

Community and Personal Services :

The overall Sixth Plan growth rate recorded was 4.0 percent. However, during the Seventh Plan this sector has registered an average growth rate of 8.4 percent.

Power Generation & Consumption :

Himachal Pradesh has a vast hydro-electric potential of about 20,000 MW according to preliminary hydro-logical, topographical and geological investigations. The identified potential is of the order of 12,700 MW and the rest 7,300 MW has been assessed through preliminary investigations. As a result of the continued emphasis being laid on the exploitation of this potential, a number of medium and micro projects has been implemented. Of the total, 12,700 MW identified hydel potential, only 3363.20 MW has been harnessed so far and out of which 272.07 MW is under the control of Himachal Pradesh State Electricity Board as bulk of the potential has been exploited by the Central Government and other Agencies.

The Hydel Projects completed by the end of 31st March, 1990 are (i) Rongtong Hydel Project (ii) Andhra Hydel Project (iii) SP-Bhaba Hydel Project. The on-going projects which are under execution or in the process of execution are (i) Thirot Hydel Project (ii) Gaj Hydel Project (iii) Baner Hydel Project (iv) Augmentation of Bhaba Hydel Project (v) Larji Hydel Project (vi) Uhl Stage III Hydel Project (vii) Chamera-II Hydel Project (viii) Ghanvi Hydel Project and Sal-II Hydel Project. The

Projects which are under execution through Nathpa Jhakhri Power Corporation are Nathpa Jhakhri and Kol Dam.

The data on power generation has been depicted in the following table :

TABLE 6 - POWER GENERATION

Generation Year	Generation M U	Electricity Purchase from B M B
1.	2.	3.
1980-81	245.07	265.40
1984-85	488.84	383.43
1985-86	596.83	392.10
1989-90	935.51	887.60
1990-91	1262.40	1058.69

It would be seen that power generation which was 245.07 MU in 1980-81 touched the level of 935.51 MU in 1989-90. The power generation in the Seventh Plan witness an increase of 91.4%. During the year 1990-91 power generation level reached 1262.40 Million Units.

POWER SOLD :

The data on power sold within and outside the State are depicted in the following table :

TABLE 7 - SALE OF POWER

(In Million Kwh)

Year	Sale within the State	Sale outside the State	Total
1.	2.	3.	4.
1980-81	264.74	147.13	411.87
1984-85	470.02	217.28	687.30
1985-86	563.32	223.93	787.25
1989-90	897.10	359.49	1256.59
1990-91	1008.74	901.90	1910.64

It would be seen that the sale of power within the State is on an increase and registered an increase of 77.5 percent during 1984-85 over 1980-81 period. During 1989-90, the sale within the State was 897.10 million Kwh and registered an increase of 69.18 percent over 1984-85 period. However, during 1990-91, the sales within the State go upto 1008.74 million Kwh. The sale of power outside the State which was 147.13 million Kwh in 1980-81 continued to rise and reached the level of 359.49 Million Kwh and recorded an increase of 178.02. However, the expected sale outside the State during 1990-91 is expected to be 1910.64 million Kwh.

The trend in power consumption in the State among different end uses is given below :

TABLE 8 - POWER CONSUMPTION

(Million Kwh)

End Uses	1980-81	1984-85	1985-86	1989-90	1990-91
1.	2.	3.	4.	5.	6.
1. Domestic	62.374	100.887 (21.5)	113.290 (20.11)	197.6	229.5
2. Commercial	32.630	43.428 (90.20)	48.983 (8.70)	73.6	77.6
3. Industrial	107.550	265.634 (56.5)	339.049 (60.18)	530.9	599.6
4. Agriculture	5.770	17.646 (3.8)	21.019 (3.73)	25.8	26.2
5. Public Lighting	1.970	2.199 (0.5)	2.700 (0.48)	3.5	3.2
6. Bulk/ Miscellaneous	54.440	40.228 (8.5)	38.275 (6.80)	25.8	72.6
Total	264.734	470.022 (100)	563.316 (100)	857.2	1008.7

Rural Electrification :

According to 1981 census, the number of census villages are 18721. Of these, 1914 villages are un-inhabited and the rest 16807 villages are inhabited villages. The State however, achieved 100 percent rural electrification target during 1988-89. Since then the area of concentration is strengthening of distribution system and electrification of left out hamlets.

Roads and Rural Communication :

The following data depicts the growth of road length in Himachal Pradesh upto 31st March, 1991 :

TABLE 9 - ROAD LENGTH IN HIMACHAL PRADESH

Type of Road	As on 31st March				
	1980	1985	1986	1990	1991
1.	2.	3.	4.	5.	6.
(a) Motorable double lane	1994	1994	1994	1994	1994
(b) Motorable single lane	9999	12669	13009	14889	15296
(c) Jeepable	594	409	363	835	826
(d) Less than Jeepable (Track)	4002	4641	4672	4280	4329
Total	16589	19713	20038	21998	22445

Apart from the road length aspect, achievements under allied activities including central roads as on 31st March, 1991 were as under :

TABLE 10 - ROAD COMMUNICATION IN HIMACHAL PRADESH

Description	Unit	Position As on 31st March				
		1980	1985	1986	1990	1991
1.	2.	3.	4.	5.	6.	7.
1. Motorable Road	Kms.	11993	14663	15003	16883	17290
2. Roads Provided with cross drainage	Kms.	5114	6245	6470	7493	7643
3. Metalled and tarred length	Kms.	3998	5300	5500	6392	6542
4. Bridges	No.	457	608	638	752	782
5. Villages connected with Roads						
(a) Above 1500 Popu.	No.	64	165	167	175	178
(b) 1000-1500 Popu.*	No.	111	198	201	214	214
(c) 500-1000 Popu.	No.		756	766	809	815
(d) 200-500 Popu.	No.	6004	2324	2336	2413	2421
(e) Less than 200 Population	No.		3640	3733	3805	3828
Total (5)		6179	7083	7203	7416	7456

Co-operation :

Co-operation has aptly been described as a movement rather than a mere programme. Its objectives covers promotion of economic growth coupled with social justice. It is conceived as an important factor in building-up an egalitarian and non-exploitative economic and social order. Co-operative movement in Himachal Pradesh presents a picture of adequate coverage both village-wise and family-wise. The following table gives the developmental trends of co-operative movement in Himachal Pradesh.

TABLE 11 - DEVELOPMENT TRENDS OF CO-OPERATIVE MOVEMENT

Item	Unit	1979-80	1985-86	1989-90	1990-91
1.	2.	3.	4.	5.	6.
1. Short and Medium terms loans advanced by Primary Agricultural credit societies	Rs in Crore	6.50	14.00	16.75	13.79
2. Long term loans advanced	Rs in Crore	0.29	0.83	4.00	4.47
3. Agricultural produce marketed by Co-operatives	Rs in Crore	3.85	7.07	15.00	35.76
4. Fertilizer retailed by Co-operatives	Rs in Crore	4.01	7.86	15.00	12.01
5. Retail Distribution of consumer articles in Urban & Rural Areas	Rs in Crore	9.20	43.27	70.00	71.10

As a result of these activities, the number of societies functioning in the State as on 30th June, 1989 was 3841 with membership of 9.56 lakh. The Working Capital increased from Rs 322.89 crore in 1987-88 to Rs 420.95 crore on 30th June 1989.

Drinking Water Supply :

According to 1981 census there are 16807 inhabited villages in the Pradesh out of which 11887 villages are problem villages and 4920 villages are easy villages. Till 31st March, 1991, drinking water facilities were provided to 15605 villages (11090 problem and 4515 easy villages). During the Annual Plan 1991-92,

354 villages are expected to be covered (314 problem and 40 easy villages). This brings the spill over of 848 villages (483 problem villages and 365 easy villages) to be provided safe drinking water during the 8th Five Year Plan.

Growth and Coverage of Health Services :

The growth of medical facilities is depicted in the following table :

TABLE 12-MEDICAL INSTITUTIONS

Year	Hospitals*	Primary Health Centres Including CHC upgraded PHC	Allopathic Dispensaries	Ayurvedic Dispensaries.	Health Sub - Centres	Total
1.	2.	3.	4.	5.	6.	7.
1980	58	77	196	404	651	1386
1985	73	161	214	430	1299	2177
1989	73	200	199	539	1614	2625
1990	73	225	197	539	1851	2885
1991	73	225	197	539	1851	2885

* Includes / Ayurvedic wards.

TABLE 13-AVAILABILITY OF HEALTH FACILITIES IN H.P.

Norms	1980	1985	1989	1990	1991
1.	2.	3.	4.	5.	6.

Population Served per Institution

1. Primary Health Centre	54530	28696	24730	22338	22716
2. Allopathic Dispensary	21422	21588	24854	25513	25945
3. Ayurvedic Dispensary	10393	10744	9176	9325	9483
4. Health Sub-Centre	6450	3556	3064	2715	2761
5. All Institutions	3162	2195	1938	1787	1818

It would be seen that the growth of medical institutions in the Pradesh have reduced the pressure on these institutions resulting in a better medical care to the people.

Education :

The literacy percentage in Himachal Pradesh increased from 31.96 percent in 1971 to 42.48 percent in 1981 and 63.54% in 1991. This percentage literacy rate is higher than the national average. The march of education continued ahead through concerted efforts of enrolment, the data of which is given below :

TABLE 14 - ENROLMENT DATA

Age Group	Percentage of enrolment to total Population			
	1979-80	1985-86	1989-90	1990-91
1.	2.	3.	4.	5.
1. 6-11 Years				
(a) Boys	106	111	110	110
(b) Girls	77	91	100	100
(c) Total	92	100	103	103
2. 11-14 Years				
(a) Boys	76	90	101	104
(b) Girls	35	60	77	83
(c) Total	56	75	89	93
3. 14-17 Years				
(a) Boys	33	48	64	70
(b) Girls	12	22	38	52
(c) Total	23	35	52	60

The comparative position of educational institutions is depicted in the following table :-

TABLE 15 - EDUCATIONAL INSTITUTIONS

Institutions	As on 31st March			
	1980-81	1985-86	1989-90	1990-91
1.	2.	3.	4.	5.
1. Primary School Units	6093	6802	7450	7547
2. Middle School Units	1032*	982	1987	2005
3. High/Higher Secondary School Units	665	885	987	1006
4. Senior Secondary Units	--	--	150	150
5. Colleges (Nos.)	27	34	25	25

* Abrupt increase due to separation of primary units from Middle/High/Hr. Sec. Schools.

Technical Education :

In the field of technical education, the Pradesh has made significant strides. The position of technical institutions functioning in the State are depicted in the following table :

TABLE 16 - TECHNICAL INSTITUTIONS

Institutions	1985	1986	1989	1990
1.	2.	3.	4.	5.
1. Regional Engineering college	-	1	1	1
2. Polytechnics	2	4	4	4
3. Industrial Training Institutes	21	30	31	32

Medical Education :

The Indira Gandhi Medical College, Shimla was set-up in the Pradesh during the year, 1965-66 as part of development activities in the field of medical education. Initially, the intake capacity of this college was 50 students per year which stands raised to 65 students. The college is affiliated to H.P. University and stands recognised by the Medical Council of India. In the recent years several items of modern equipments and machinery such as ultra Sonography/Radio-Therapy has been introduced in the college.

Agricultural University :

The H.P. Krishi Vishwa Vidyalaya not only caters to the needs of education in the field of agriculture but also is responsible for the entire research support to the State in the field of Agriculture and partially in respect of Animal Husbandry and Fisheries. The research activities of the University are spread over at main campus at Palampur, four regional research stations and eleven research stations located in four different agro-climatic zones of the State. The research activities of the University are mainly financed by the Indian Council of Agricultural Research (I.C.A.R.) and also supported by the State Government in the shape of Grants-in-aid to the Agricultural University.

Horticulture and Forestry University :

Dr. Y.S. Parmar University of Horticulture and Forestry; Solan has been established with effect from 1st December, 1985, to :

- (1) Make provisions for imparting education in the field of Horticulture, Forestry and other allied branches;
- (2) Furthering the advancement of learning and prosecution of research, both basic and other applied particularly, in horticulture, forestry and other allied sciences and;

(3) To undertake and to spread the education of such sciences especially to the rural people of the State.

This new University will bridge the gap in research and extension in crucial sectors of Horticulture and Forestry.

Veterinary Infrastructure :

The growth of veterinary facilities is depicted in the following table :

TABLE 17 - VETERINARY INSTITUTIONS

Institutions	1979-80	1985-86	1986-87	1989-90	1990-91
1.	2.	3.	4.	5.	6.
1. Hospitals	142	209	216	230	230
2. Dispensaries	284	411	441	514	514
3. Outlying Disp.	48	85	83	83	89
4. Mobile Disp.	14	14	14	14	14

Plan Investment :

The following table gives the investment vis-a-vis the per capita annual investment under the entire plan periods launched in the Pradesh. It would be seen that the per capita annual investment which was Rs. 4.00 during the First Plan (1951-56) increased to Rs. 544.59 during the Seventh Plan (1985-90).

Plan Period	Total Investment (Rs. in Lakh)	Per Capita Annual Investment (In Rs.)
1.	2.	3.
First Plan (1951-56)	527.25	4.00
Second Plan (1956-61)	1602.60	11.00
Third Plan (1961-66)	3384.47	21.60
Annual Plans (1966-67) to (1968-69)	3978.18	40.00
Fourth Plan (1969-74)	11342.97	61.20
Fifth Plan (1974-78)	16148.48	100.50
Annual Plans (1978-79 & 1979-80)	14755.53	176.50
Sixth Plan (1980-85)	65566.00	287.60
Seventh Plan (1985-90)	132475.75	544.59
Annual Plan (1990-91)	37762.93	739.73
Annual Plan (1991-92)	41000.00	791.35
Eighth Plan (1992-97)	338720.18	1253.45
Annual Plan (1992-93)	53453.78	1010.91

CHAPTER - I I

EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93) -- AN OUTLINE

The Planning Commission, Government of India, has decided that the Eighth Five Year Plan will now commence from 1.4.92 covering the year 1992-93 to 1996-97 and the last two years viz. 1990-91 and 1991-92 be treated as two separate Annual Plans. The basic objective of the Eighth Plan is to ensure that the needs of ordinary people and the quality of their life become the central focus of planning even as the plan seeks to promote rapid overall development and diversification of the economy and to strengthen the infrastructural base. The central thrust of the Eighth Plan is employment. This inter-alia demands a comprehensive integrated view of the economy and of the use of physical, human and financial resources at different levels of Government and in the private sector as well.

Approach of Eighth Five Year Plan (1992-97) :

The approach adopted at the National level of the Eighth Plan will have 3 - fold focus :

1. Clear privatisation of sectors/projects for intensive investment in order to facilitate operationalisation and implementation of the policy initiative taken in the areas of fiscal trade and industrial sector and human development.
2. Making available the resources for these priority sectors and to ensure effective utilisation of these resources.
3. Creation of appropriate organisations and delivery systems to ensure that the benefits of investment in the social sectors reach the intended beneficiaries.

The following aspects will be ensured :

- (a) People's initiative and participation is made a key element in the process of development;
- (b) Plan for alleviation of poverty with emphasis on :
 - (i) Population Control,
 - (ii) Employment Generation and
 - (iii) Provision of minimum needs of health care, literacy, drinking water, rural roads and rural energy.

Objectives of the Eighth Plan (1992-97) :

For the Eighth Five Year Plan, the following objectives will have the priority :

I. For Economic Development :

- (a) Energy
- (b) Transport
- (c) Communications

II. For Human Development :

- (a) Employment Generation
- (b) Population Control
- (c) Literacy
- (d) Health including Drinking Water
- (e) Rural Electrification

III. For Agriculture Development :

- (a) Irrigation including intensive use of watershed management concept in rainfed/drought-prone areas.
- (b) Export promotion of agricultural products.
- (c) Diversification of agriculture to horticulture and pisciculture, water management and waste land development.

Strategy to Achieve the Objectives :

Strategies to achieve the above objectives will be :

I. Resource Allocation to priority areas through :

- (a) Central Plan Assistance
- (b) Resource mobilisation
- (c) Private sector participation
- (d) Raising resources through multilateral/bilateral funding and other fiscal instruments like bonds etc.

II. Human development through allocation of resources by creation of appropriate single window village/block/district level self-managing organisation.

Natural disasters like floods, drought etc. recurring frequently in some part of the country, have been causing considerable damage necessitating diversion of the scarce resources for relief and rehabilitation in an adhoc manner effecting the pace of development activity. The scope for integrating disaster management programmes in the development process will be considered.

The progress in the matter of decentralisation particularly the active participation of the local institutions and voluntary Non-Governmental bodies in the development efforts will be assessed and suitable promotional measures reflected in the proposals. The backward areas within the State will be given

special attention through appropriately designed programmes on a sub-plan/integrated area development approach.

The average growth rate achieved during the Seventh Five Year Plan in terms of GDP at factor cost was 5.6 percent per annum. For the Eighth Plan two alternative growth scenarios i.e. 5.6 percent growth and 6 percent has been considered. In both these scenarios the incremental capital output Ratio is assumed to remain 4.1 percent which is more or less the same as in the Seventh Five Year Plan.

Apart from poverty alleviation and rural development, the Eighth Plan will aim at containing population growth, achieving near-full employment by the turn of the century and strengthening of the infrastructure to support the growth process on a sustainable basis.

Its other main objectives will be universalisation of elementary education and complete eradication of illiteracy in the 15-35 age-group, provision of safe drinking water and primary health facilities, along with the total elimination of scavenging.

A study of the objectives stated above reveals that the solutions to the problems of poverty, unemployment and under-employment and also the reduction in the disparities in the levels of income and consumption and also the reduction in the disparities in the levels of income and consumption and also the inter-regional disparities can only be found in the frame-work of rapidly expanding economy. This is possible by strengthening the resource base, generating productive employment through increase in cropping intensity and extending of new agricultural technologies to low productive regions and to small farmers, through (i) measures to make the rural development programmes more effective productive assets (ii) expansion of labour intensive construction activities and (iii) changes in the level and pattern of industrial growth. It also calls for most cost effective and efficient use of the scarce financial resources so that the targetted expansion of overall economy at 6 percent per annum is also visualised.

The formulation of State's Eighth Five Year Plan (1992-97) has followed, by and large, the frame work of the objectives of National Plan with adjustments necessitated by local needs and conditions.

The entire plan frame has been divided into three major sectors viz. (A) Economic Services (B) Social Services and (C) General Services. The Economic Services include agriculture, horticulture, soil conservation, animal husbandry, fisheries, forests, agricultural research and education, co-operation, rural development, irrigation, power, industries, transport, science and technology and general services. The Social Services Sector include education, health, water supply, housing, urban development, information and publicity, labour and welfare. However, the last sector i.e. General Services comprises of printing and stationery, Institute of Public Administration,

Tribal Development and Ex-Servicemen Corporation.

Eighth Five Year Plan (1992-97) and Annual Plan 1992-93:

Against the approved plan outlay of Rs. 410 crore for 1991-92 and the massive commitments of resources on the externally aided projects along with the need for neutralisation of inflation, a minimum of Rs. 3387.20 crore outlay is necessary to sustain the current pace of growth. The Annual Plan outlays will be more governed by the phasing of investments on the major state and externally aided projects. Keeping in view these considerations and objectives outlined for the Eighth Plan by the Central Government, the proposed investments for major sectors are as under :

(Rs. in Crore)		
Sector	Eighth Plan (1992-97)	Annual Plan (1992-93)
1.	2.	3.
1. Agriculture & Allied Services	677.93	97.93
2. Rural Development	123.07	20.09
3. Irrigation & Flood Control	174.03	34.64
4. Energy	609.40	103.44
5. Industry & Minerals	126.29	15.25
6. Transport	412.57	66.27
7. Scientific Services	8.05	1.28
8. General Economic Services	173.25	22.97
9. Education & Allied	368.01	57.95
10. Health	144.81	23.88
11. W.S., Sewerage, Housing and Urban Development	461.51	72.85
12. Information & Publicity	6.78	1.23
13. Welfare of SCs/STs, Social Welfare & Labour Welfare	49.36	8.58
14. General Services	52.14	8.18
Total :	3387.20	534.54

The sectoral distribution of approved Annual Plan (1991-92) outlay, proposed outlay for Annual Plan (1992-93) and for Eighth Plan (1992-97) according to the above stated three broad sectors are as under :

(Rs. in Crore)

Sector	Annual Plan (1991-92)		Proposed Outlay	
	Approved Outlay	Anticipated Expenditure	Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
A. ECONOMIC SERVICES	286.05 (69.77)	286.05 (69.77)	361.87 (67.70)	2304.59 (68.04)
B. SOCIAL SERVICES	117.18 (28.58)	117.18 (28.58)	164.49 (30.77)	1030.47 (30.42)
C. GENERAL SERVICES	6.77 (1.65)	6.77 (1.65)	8.18 (1.53)	52.14 (1.54)
TOTAL :	410.00 (100.00)	410.00 (100.00)	534.54 (100.00)	3387.20 (100.00)

It would be seen that the Economic Services sector claim a major share, 68.04 percent of the total Eighth Five Year Plan size followed by Social Services sector 30.42 percent and General Services 1.54 percent. The same percentages follow by and large in the Annual Plans, as well.

In terms of the priorities listed for the Eighth Plan by the Central Government, the priorities/ approach adopted by the State Government on each of the sectors are as under :

I. Energy :

- (a) New capacity additions planned for Eighth Plan include Thiroi (4.5 MW), Baner (12 MW), Gaj (10.5 MW) and Killer (0.30 MW) -- cumulating to 27.3 MW. This will take installed capacity in the State Sector to 299.37 MW. All these projects are slated for commissioning before the end of 1993-94.
- (b) Eighth Plan envisages investments on Nathpa-Jhakhri (1500 MW) equivalent to 25 percent of the project costs currently estimated at about Rs. 300 crore. After the investment load on Thiroi, Baner and Gaj is taken-off during 1993-94, investments on the Larji HEP (126 MW) are planned. The commissioning of the project is expected in the Ninth Plan tenure towards end.
- (c) The Transmission and Distribution infrastructure would continue to be upgraded through normal schemes as also the W.B. assisted Transmission and Distribution project.
- (d) Intensification of rural electrification would continue.

- (e) One of the key initiatives taken by the State Government is involvement of private sector in power generation. This will not only ensure adequate investments towards hydel capacity actualisation, but would also mean a more efficient implementation system.

II. Transport :

- (a) For the Eighth Plan, road development is designated to receive an investment of Rs. 326.60 crore. This will nominally raise the road density from the existing 30 odd Kms. to about 33 Kms. per 100 Sq. Kms. of area.
- (b) In terms of road links to villages, the number of villages connected with roads would reach 7671 as against 7416 at the end of 1989-90.
- (c) Road Transport is the only mode of public transport and a large bulk of the transport services are state owned. The Eighth Plan envisages a proposed investment of Rs. 75.75 crore and this investment is designated basically to remove overaged fleet and replace it with new one and also remove obsolescence from workshops. Expansion in services is planned at a nominal 3 percent in terms of fleet addition.
- (d) Efforts at limited privatisation and rationalising the public, private sector mix are already afoot and would be intensified.

III. Population Control and Health Care :

- (a) Whereas the health infrastructure at the ground level has been adequately established (health sub-centres), we need to set-up a few more Primary Health Centres and Community Health Centres to achieve the population service norms. The Eighth Plan accordingly envisages opening of 15 Primary Health Centres and 5 Community Health Centres to reach the population coverage norms needed under the Minimum Needs Programme policy.
- (b) The effective Couple Protection Rate has reached 52.1 percent and is targetted to reach 60 percent by the end of 1994-95.
- (c) Our performance on vital population statistics vis-à-vis all-india figures is as under :

<u>Item</u>	<u>H.P.</u>	<u>All-India</u>
(i) Birth rate/thousand	27.7	30.5
(ii) Death rate/thousand	8.7	10.2
(iii) Infant Mortality Rate	74	91

- (d) The State Government is implementing a scheme of special incentives for couples who adopt family planning after one girl child or two girl children. This has become very popular with the people.

IV. Literacy :

- (a) With the enrolment ratio for primary classes having already reached 109 percent for boys and 95 percent for girls, universalisation of primary education is a target easily achievable for Himachal Pradesh. The ratio has to reach about 115 percent to ensure universalisation. Our Eighth Plan envisages by key area of primary enrolment to be the girls segment.
- (b) New institutions planned for Eighth Plan include 750 primary schools, 125 middle schools and 50 high schools basically aimed at mitigating critical deficiency areas.
- (c) In terms of adult literacy, we propose to cover all the 12 districts on a project based approach in a phased manner during the Eighth Plan.
- (d) Several innovative schemes for popularisation of education among girls have been launched during 1991-92 and are proposed to be intensified.

V. Rural Water Supply :

- (a) At the end of 1991-92, only 848 villages remain to be covered with water supply.
- (b) The State Government proposed to cover all the villages by 1992-93 end. For this, the State Plan effort would need to be supplemented by Rs. 40 crore allocation under the Central Sector accelerated rural water supply programme (A.R.W.S.P.)

VI. Irrigation and Agriculture :

- (a) Out of the total area under cultivation, about half is possible to be brought under irrigation.
- (b) Out of the total irrigable potential of about 3.5 lakh hectares, C.C.A. created so far is about 1.65 lakh hectares. Bulk of the potential created is under the minor irrigation schemes.
- (c) In terms of targets for Eighth Plan, it is envisaged to create an additional potential of 24,500 hectares, alongwith the field channel development so that the capacity created is optimally utilised.
- (d) For agriculture/horticulture, the Eighth Plan strategies envisage further acceleration of the process of diversification by an integrated strategy for seed development, vegetable production, cash crops, horticulture, floriculture and increasing the value added content under pisciculture by intensifying the breeding of exotic trout fish in the State.

The following heads of development were assigned the highest priorities in plan investment in the Eighth Five-Year Plan and Annual Plans.

(Rs. in Crore)

Sr. No.	Head of Development	Approved Annual Plan (1991-92) Outlay	Proposed Outlay	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1.	Power	77.00	103.44	609.40
2.	Forestry & Wild life	32.60	45.45	356.36
3.	Education including Technical Education	41.44	55.22	350.37
4.	Roads & Bridges	43.15	53.05	329.60
5.	Water Supply	39.55	51.43	304.50
6.	Irrigation and Flood Control	35.03	34.64	174.03
7.	Crop Husbandry including Soil Conservation	23.60	31.76	173.10
8.	Health	15.50	23.88	144.81
9.	Industries	12.12	15.25	126.29
10.	Rural Development	16.31	20.09	123.07
11.	District Planning	9.84	10.00	100.00
12.	Road Transport	8.90	11.89	75.75
13.	Sewerage & Sanitation	1.45	8.12	70.95
14.	Housing	4.35	8.52	54.58
15.	Pooled Non-Residential Buildings	4.75	5.45	36.80
16.	Urban Development	4.52	4.78	31.48
17.	Tourism	2.60	3.00	20.00
18.	Agriculture, Research and Education	5.00	6.21	40.67
19.	Co-operation	2.15	3.70	17.07
TOTAL		379.86	495.88	3138.83

These important heads of development together claim percentage share of 92.65 percent of the total Annual Plan (1991-92) approved outlay, 92.77 percent of the total Annual Plan (1992-93) proposed outlay and 92.67 percent of the total Eighth Plan (1992-97) proposed outlay. These are also the trend setters of plan investment in the subsequent Annual Plans of the State.

MINIMUM NEEDS PROGRAMME :

In order to promote social justice and to improve the quality of life of the rural population vis-a-vis the urban areas, minimum needs programme (M.N.P.) continued to play an important role in development planning. The minimum needs programme lays down the urgency for providing social services according to nationally accepted norms. The components of this programme are :

- (i) Rural Electrification.
- (ii) Rural Fuel Wood Plantation.
- (iii) Rural Roads.
- (iv) Elementary Education.
- (v) Adult Education.
- (vi) Rural Health.
- (vii) Rural Water Supply.
- (viii) Rural Sanitation.
- (ix) Rural Housing.
- (x) Environmental Improvement of Urban Slums.
- (xi) Special Nutrition Programme Including ICDS.
- (xii) Public Distribution System.

During the Annual Plan (1991-92) an outlay of Rs. 71.23 crore has been approved under the Minimum Needs Programme and against this, the anticipated expenditure will be of the order of Rs. 80.49 crore. Against this, an outlay of Rs. 107.91 crore has been proposed for the Annual Plan (1992-93) out of the total outlay of Rs. 650.44 crore proposed for the entire Eighth Plan (1992-97) period. The programme-wise details of these outlays are as under :

(Rs. in lakh)

Programme	Annual Plan (1991-92)		Proposed Outlay	
	Approved Outlay	Anticipated Expenditure	Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1. Rural Electrification.	--	--	--	--
2. Rural Fuel Wood Plantation.	115	140	140.00	1100.00
3. Rural Roads.	1300	1300	1465.00	9150.00
4. Elementary Education.	1333	2000	2016.48	13351.12
5. Adult Education.	38	50	15.00	100.00
6. Rural Health.	600	775	914.00	5165.00
7. Rural Water Supply.	3055	3055	4265.00	24036.00
8. Rural Sanitation.	25	72	725.00	5685.00
9. Rural Housing	20	20	35.00	175.00
10. Environmental Improvement of Urban Slums.	48	48	63.00	315.00
11. Special Nutrition Programme Including ICDS.	225	225	260.00	1300.00
12. Public Distribution System.	364	364	893.00	4667.00
TOTAL :	7123	8049	10791.48	65044.12

TRIBAL SUB PLAN :

The Fifth Plan (1974-79) saw a sea change in planning process when the strategy of Sub-Plan, within the plan for accelerating socio-economic development of the scheduled Tribes was adopted. The State Government has taken a conscious policy of taking nine percent of the total State plan outlays towards formulation of Tribal Sub-Plan. For ensuring these flows to tribal areas, a single consolidated demand has been adopted besides introduction of single line administration in the Integrated Tribal Development Projects.

During the Annual Plan (1991-92) an outlay of Rs. 36.90 crore has been approved for the Tribal Sub-Plan. Against this, an outlay of Rs. 48.13 crore has been proposed for the Annual Plan (1992-93) out of the total outlay of Rs. 304.05 crore proposed for the entire Eighth Plan (1992-97).

Special Component Plan for Scheduled Castes :

The strategy for the formulation of Special Component Plan for the socio-economic development of Scheduled Castes was evolved at the end of the Fifth Plan which is now continued process since then. The State Government has taken a conscious policy of taking 11 percent of the total State Plan outlay towards formulation of Special Component Plan for Scheduled Castes.

Under Special Component Plan for Scheduled Castes, an outlay of Rs. 49.46 crore has been approved for the Annual Plan (1991-92). Against this provision, an outlay of Rs. 66.45 crore has been proposed for the Annual Plan (1992-93) out of Rs. 421.89 crore proposed for the entire Eighth Five Year Plan (1992-97).

BACKWARD AREA SUB-PLAN :

In order to develop the extreme backward pockets in the Pradesh, a Backward Area Sub-Plan has been introduced. It inter area looks after the developmental programmes at the micro level. Thus the basic aim of the Backward Area Sub-Plan is to remove inter as well as intra-regional disparities which had crept in our economic system despite the continuous planning efforts of the last four decades.

The State Government has taken a policy decision to earmark 10 per cent outlay of the aggregate outlay in the following selected heads of development :

- (i) Agriculture.
- (ii) Horticulture.
- (iii) Animal Husbandry.
- (iv) Forests (Forestry Plantation).
- (v) Minor Irrigation.
- (vi) Food and Supplies. (Minor Godowns).
- (vii) Rural Electrification.
- (viii) Village and Small Scale Industries.

- (ix) Rural Roads.
- (x) Education.
- (xi) Rural Health.
- (xii) Rural Water Supply.

As of today a total number of ~~322~~ Gram Panchayats, out of 2597 Gram Panchayats have been declared as backward under the Backward Area Sub-Plan.

For the development of backward areas in the Pradesh an expenditure of Rs. 11.46 crore was incurred during the year 1990-91 and against this, an outlay of Rs. 17.41 crore has been approved for the Annual Plan 1991-92. For the Annual Plan 1992-93, an outlay of Rs. 29.97 crore has been proposed out of the total outlay of Rs. 122.95 crore proposed for the Eighth Plan (1992-97).

The schematic description with regard to financial and physical contents are discussed in the Sectoral Programmes.

CHAPTER - I I I

TRIBAL DEVELOPMENT IN HIMACHAL PRADESH

Introductory :

Tribal areas in the State comprise the districts of Kinnaur and Lahaul & Spiti, in their entirety, and only the Pangri and Bharmour (now bifurcated into Tehsil Bharmour and Sub-Tehsil Holi) tehsils of the Chamba district. These areas have also been declared as Scheduled Areas under the 5th Schedule to the Constitution of India. The area and population of this tribal belt according to the 1981 Census is 23,655 sq. km. (42.49%) and 1,33,847 (3.13%), respectively giving a density of 6 persons per sq. km. as compared to that of 77 for the State.

Tribal Sub-plan :

Tribal Sub-plan has been implemented in the State since 1974-75. Ever since, the State Plan flow to the tribal sub-plan has been above the par: against 3.13% population concentration in the tribal belt, the level reached 8.78% for the Seventh Plan period from that of 3.65% in 1974-75; in 1990-91 and 1991-92 such flow remained 8.95% and 9%, respectively; that proposed for the Eighth Plan period is 9%.

Draft proposals for the sub-plan are mooted by the Project Advisory Committees comprising officials and public representatives which are headed by the local MLA/Minister from the Project area. The Project Advisory Committees also undertake quarterly review of the sub-plan and the proposals for revised outlay received from them are accepted in toto.

The Tribes' Advisory Council, headed by the Chief Minister himself, also oversees implementation of the sub-plan which normally meets twice a year.

Budgetary Arrangement :

Single Consolidated Demand (Demand No. 31) was introduced in the State in 1981-82 and since then utilisation of funds under the tribal sub-plan has been 100%. Such an arrangement has also ensured non-divertibility of sub-plan funds to other-than-tribal areas.

Administrative Structure and Personnel Policy :

Tribal areas being remote and inaccessible, an Officer of the rank of Resident Commissioner was posted in ITDP Pangri comprising one Sub-Division only as an experiment in good governance and he was vested with full powers and declared Head of Department for each department which proved a great success.

W.e.f. 15th April, 1988, such single-line administration has now been extended to all the remaining 4 HTDPs also and the DC/ADC there has been made analogous to the R.C. Pangi. Such an arrangement has cut down delay and improved the delivery system.

The tenure of a Government servant is restricted to 2 winters and 3 summers and they are normally transferred thereafter. The Government takes special care of postings/transfers in the tribal areas and no body is relieved without his substitute joining first which ensures maximum manning of posts in the tribal areas. CA at enhanced rate ranging between Rs. 375 to Rs. 625 per month is available to all category of employees at equal rate. Non-local and non-local cadre employees are also eligible for grant of overstay allowance after 3 years ranging between 10% to 35% depending upon the number of years an employee continues (not of his own record) at one station. Tribal Allowance @ Rs. 50/- p.m. has also been granted to all category of employees w.e.f. 1st September, 1991.

There is no problem of land alienation in the State. However, there is complete ban on the transfer of land from STs to non-STs under the provisions of H.P. Transfer of Land (Regulation) Act, 1968. Money lending is regulated under the H.P. Registration of Money lenders Act, 1976 which prescribes registration of money lenders and procuring of licences by them for doing the money lending business; suits and applications by them are barred unless they are registered and licensed. Usury has also been controlled under the H.P. Debt Reduction Act, 1976. Maximum rate of interest chargeable on secured loans is fixed at 6% and that on unsecured loans 12% per annum simple interest. There is no bonded labour in the State. There is no problem of rehabilitation of displaced tribes as no large and medium industry and mining projects; major and medium irrigation schemes or large hydro-electric project are located in the tribal areas.

Excise Policy :

Under the excise policy followed by the State, the locals are allowed to brew/distil wine/liquor for their own consumption only and are not permitted to make any sale thereof. Limited number of Country Liquor and Indian-made Foreign Liquor vends are allowed in the tribal areas to cater to the requirement of non-locals and foreign and domestic tourists visiting these areas. There is no exploitation of the locals on account of these vends.

Infrastructure Development :

Pace of economic development in the tribal areas has been accelerated under the aegis of the sub-plan. Literacy percentage improved from 12.85 in 1961 to 21.89 in 1971 and to 30.73 in 1981. Literacy among women is low (15.47%) towards which a special scheme of scholarship to SC and ST girls in classes VI-X has been taken-up.

Against 480 revenue villages in the tribal areas, there are 557 Primary schools; 59 Middle schools; 55 High schools; 6 Senior

Secondary schools and 1 Navodaya school. Likewise, there are 4 Hospitals; 15 PHCs; 7 CHCs and 72 Dispensaries.

100% revenue villages are electrified and 98% of them have been provided piped water supply.

Cropping pattern is undergoing a change. Cash crops like apple, hops, seed potato, kuth, vegetables and vegetable seeds are making their debut. Lahaul seed potato and Kinnauri apple have already made a mark in the national and even international market.

Road density continues to be the achilles' heel; even then efforts are afoot to open-up more and more areas. Apart from National Highways 21 and 22, the construction of the Chenab Valley Road will link-up the Pattan and Pangri Valleys to J & K for all-the-year round traffic. The tunnel below the Rohtang Pass of which feasibility is presently being assessed, when completed, will throw open new vistas of development to Lahaul-Spiti and Pangri.

SUB-PLAN SIZE

(Rs. in Lakh)

Base year : 1991-92 - Anticipated Expenditure

Sector	State Plan	S.C.A.	Tribal Pockets	Dispersed Tribes	Total
1.	2.	3.	4.	5.	6.
A. ECONOMIC SERVICES	25877.50	149.00	8.00	10.00	2754.50
B. SOCIAL SERVICES	9355.50	66.00	3.00	10.00	1014.50
C. GENERAL SERVICES	1677.00	60.00	-.	-.	227.00
TOTAL	36901.00	275.00	11.00	20.00	3996.00

Eighth Plan : 1992-97 - Proposed Outlay

A. ECONOMIC SERVICES	20958.00	1155.00	62.00	78.00	22253.00
B. SOCIAL SERVICES	8600.00	512.00	23.00	78.00	9213.00
C. GENERAL SERVICES	927.00	465.00	--	--	1392.00
TOTAL	30485.00	2132.00	85.00	156.00	32858.00

Annual Plan : 1992-93 - Proposed outlay

A. ECONOMIC SERVICES	3289.00	172.00	9.00	12.00	3482.00
B. SOCIAL SERVICES	1368.00	76.00	3.00	12.00	1459.00
C. GENERAL SERVICES	156.00	70.00	-	-	226.00
TOTAL	4813.00	318.00	12.00	24.00	5167.00

Poverty Alleviation :

For the Seventh Plan period, the poverty line at 1984-85 prices had been determined at Rs. 107 per capita per month in rural areas and at Rs. 122 per capita per month in urban areas which worked out to Rs. 6400 per household per annum in rural areas and 7300 per household per annum in urban areas (Calory intake at 2400 calories for rural households and 2100 calories for urban households per person per day remaining unchanged for poverty-line determination); at 1991-92 prices, it is likely to range between Rs. 9,000 to Rs. 10,000 p.h.p.a.

Therefore, together with backlog of the Seventh Plan, target and achievement under point 11(b) of the 20 Point Programme has been as under :

Targets/Achievements under Point 11(b) of the 20-Point Programme

Period	Targets	Achievements
1.	2.	3.
1992-97 (Eighth Plan)	18,466	--
1991-92 (Base Year)	1,095	800 (upto 9/91)
1992-93	1,095	--

The State has devised a foolproof method of its own kind to obviate multiple counting in reporting coverage of families assisted. All reporting originates from the Block level where B.D.O. has been made the nodal officer. At the beginning of the year, the B.D.O. allots families to be assisted under the various economic programmes to the respective Extension Officers and the Extension Officers are required to report only when any of the families previously allotted to them are assisted by them; if the family allotted to another Extension Officer is assisted then such an Extension Officer shall not be reporting achievement against his target. Simultaneously, all Extension Officers are free to assist the families allotted to one another, for poverty alleviation is a joint venture, but reporting is only to be done in respect of the families previously allotted to the particular Extension Officer. Such a procedure has had salutary effect.

Concurrent Evaluation reports of Point 11(b) beneficiaries are being regularly sent to the Union Welfare Ministry every quarter.

Conclusion :

The tribal areas are on the move and apparently making a steady headway and the developmental gap between the tribal areas and the rest of the Pradesh is narrowing down by and by as would be revealed from the statistical data annexed. Planned effort aimed at accelerated development has surely lent an impetus to this process.

STATISTICAL PROFILE

Sr.No.	Item	Unit	Period	Tribal Areas	H.P.
1.	2.	3.	4.	5.	6.
1.	Density of population/ sq. km. of area.	No.	1981	6.	77
2.	Decennial growth rate.	%	1971-81	17.14	23.71
3.	Literacy.	%	1981	30.73	42.48
4.	Intensity of cropping.	%	1988-89	126.00	168.42
5.	Proportion of gross irrigated area to cropped area.	%	1988-89	49.40	17.42
6.	Area under fruit crops	'000 Hect	1990-91	7.58	163.23
7.	Fruit production.	'000 MT	1990-91	10.40	386.36
8.	Area under Forests.	%	1989-90	78.21	67.52
9.	Banking Institutions per lakh of population	No.	1989-90	33	21
10.	Educational Insts. per lakh of population.	No.	1990-91	507	225
11.	Medical Institutions per lakh of population	No.	1990-91	73	23
12.	Beds available per lakh of population.	No.	1990-91	284	182
13.	Veterinary Insts. per lakh of livestock population.	No.	1990-91	35	17
14.	Villages electrified.	%	1991-92	100	100
15.	Installed capacity.	MW	1990-91	4.214	272.07
16.	Villages provided piped water supply.	%	1990-91	98	93
17.	Road Density :				
a)	per '000 sq.km. of area	km.	1990-91	5.29	31.06
b)	per '000 of population	km.	1990-91	9.35	4.04
18.	Average size of operational holding.	Hect.	1985-86	1.29	1.30

Statements giving financial and physical parameters are contained in TSP-I and TSP-II Statements.

CHAPTER - IV

SPECIAL COMPONENT PLAN FOR SCINEDULED CASTES

The Fifth Plan marked a watershed in the planning process when emphasis shifted from "mere growth" to "growth with social justice" and sub-plan strategy was evolved for accelerated socio-economic development of the scheduled castes and the scheduled tribes. The Eighth Plan approach paper lays further emphasis on equity. In Himachal Pradesh, Special Component Plan formulation could be taken-up in 1979-80 for the first time. Whereas the Tribal Sub-Plan was area-based, the Special Component Plan was directed to benefit the individual/family and their 'bastis' where infrastructure activity could also be undertaken as in the tribal areas. The Special Component Plan had the effect of earmarked allocation from the State Plan as also Central Ministries supplemented by effort-based Special Central Assistance allocation from the Union Home Ministry (now Welfare) which sum was Rs. 600 crore during the Sixth Plan period and the same was raised to Rs. 930 crore for the Seventh Plan. In the Seventh Plan, emphasis shifted from welfare to family and beneficiary-oriented development schemes, specially directed and designed for the benefit of the scheduled castes through a combination of the following three instruments :

- i) The Special Component Plan of the States and Central Ministries (SCP);
- ii) The Special Central Assistance (SCA); and
- iii) Scheduled Castes Development Corporation in the States (SCDC)

The basic premises of the Seventh Plan hold good for the Eighth Plan also; the strategy of SCP shall be geared-up and intensified during the Eighth Plan. The thrust of the programme shall be on (a) economic development through beneficiary-oriented programmes for raising their income; (b) basti-oriented schemes for infrastructural development; (c) elimination of scavenging; (d) educational development; and (e) administrative and personnel reforms with a view to achieving socio-economic development of the scheduled castes and to give them occupational mobility and economic strength.

The scheduled castes form 15.5% of the total population at the national level. In this State they number 10.54 lakh accounting for 24.62% of the total population which was only 22.24 % in 1971. Their decennial growth rate (1971-81) was 36.95% as compared to the average 23.71%. The literacy percentage for scheduled castes is 31.50 which is above the all-India average of 21.38, but is way behind the State average of 42.48. Cultivators constitute 71.7% of the main workers and agricultural labourers form 9.4% of the same. 94.64% of the scheduled castes live in rural areas.

Special Component Plan Through Plans

The first-ever effort at carving out a Special Component Plan for Scheduled Castes was made in 1979-80 when an outlay of Rs. 4.61 crore was earmarked for this sub-plan against which the actual expenditure was Rs. 2.98 crore. During the Sixth Plan, against the all-India target of 9.53% State investment in the SCP, the actual achievement had been of the order of 9.94%. SCA supplementation of Rs. 5.55 crore was approved against which the actual release was Rs. 6.34 crore. For the Seventh Plan period State Plan earmarking had been reckoned at 11% of the overall State Plan size irrespective of its "divisible and indivisible" components. SCA supplementation for the Seventh Plan period had been approved at Rs. 8.76 crore, actual State Plan flow and SCA supplementation during the Seventh Plan period remained of the order of Rs. 126.10 crore and Rs. 9.28 crore, respectively. In 1990-91 and 1991-92, the SCP size was Rs. 44.19 crore and Rs. 51.80 crore, respectively; that proposed for the Eighth Plan period and Annual Plan 1992-93 is sub-joined below :

(Rs. in Lakh)

SPECIAL COMPONENT PLAN SIZE						
Sector	1991-92		Eighth Plan		Annual Plan	
	Anticipated Exp.		(1992-97)		1992-93	
	State Plan	SCA	Proposed State Plan	Proposed SCA	Proposed State Plan	Proposed SCA
1.	2.	3.	4.	5.	6.	7.
A. Economic						
Services	3264.50	71.50	25566.00	555.00	4120.00	82.00
B. Social						
Services	1681.50	117.40	16623.00	910.00	2525.00	136.00
C. General						
Services	--	45.00	--	349.00	--	52.00
Total :	4946.00	233.90	42189.00	1814.00	6645.00	270.00

Highest priority has been accorded to the 'Economic Services' sector.

Poverty Reduction

Removal of poverty and unemployment are innate to planned progress since the Sixth Plan. There are 1,09,833 SC families in the State who have been found to be below the poverty line.

The targets and achievements in this regard are given below:

<u>Period</u>	<u>Target</u>	<u>Achievements</u>
1992-97	1,09,833	---
1991-92 (Base year)	12,543	6,690 (upto 9/91)
1992-93	12,543	---

In urban areas apart from doing direct cases, the SCs/STs Development Corporation is implementing TRYSEM scheme for urban youths who are also given stipend. The trainer is also given a stipend of Rs. 50 per month per trainee. The trades include blacksmithy, sewing and tailoring, TV, carpentry and printing press. From the year 1990-91, the scheme of capital subsidy upto loans not exceeding Rs. 12,000 each and interest subsidy restricting interest payable at 4% and 7%, respectively, on loans exceeding Rs. 12,000 but below Rs. 35,000 each and exceeding Rs. 35,000 each, respectively, has also been introduced.

Monitoring and Evaluation System

Monitoring is an effective tool to planning and implementation. Therefore, monitoring system has to be established at appropriate levels in order to feed directly the concerned authority. After the Special Component Plan gets reflected in the budget where minor heads of account have been provided under each major head to reflect allocations under various schemes included in the Special Component Plan, a booklet containing the schemes, State Plan, SCA and Centrally-sponsored; and district-wise outlay there against, is prepared and circulated to all the departments and their field agencies. Simultaneously, the heads of departments convey the budget allocation to their respective DDOs. Stock of the performance of the SCP programme is taken quarterly at the district level by the District-Level Review Committee constituted for each district under the chairmanship of the Minister in-charge of the district and by the Commissioner (TD) while on tour to the districts. At the State Level, the Chief Secretary holds quarterly review meetings with the departments, who, at their own level also, do such exercise like-wise.

A mid-year review is also taken to affect diversion in outlays within and without the earmarked sectors. For this purpose, one Statistical Assistant and one Computer have been provided to every District Statistical Officer, excepting the tribal areas who is also designated as Co-Member-Secretary of the District-Level Review Committee.

Statements SCP-I and SCP-II giving financial and physical parameters are appended.

CHAPTER - V.

BACKWARD AREA SUB PLAN

The most backward pockets in our country have been receiving special attention through the Tribal Sub-Plan concept which was introduced in the beginning of Fifth Five Year Plan. But these efforts did not touch such micro-pockets which were not part of the tribal belt. Such pockets constituted very small areas of extreme economic backwardness where the basic developmental infrastructure had to be created. Hence this necessity gave birth to the formulation of the Backward Area Sub-Plan, which inter-alia looked after the developmental programmes at the micro level. Thus the efforts to formulate the Backward Area Sub-Plan also aimed at to remove the inter as well intra regional disparities which had kept in our economic system despite the continuous planning efforts made in our country during the last four decades.

After the introduction of the Tribal Sub-Plan in Himachal Pradesh in the beginning of Fifth Five Year Plan, the most backward pockets in Tribal belt comprising of the whole of Kinnaur & Lahaul & Spiti districts and Pangri & Bharmour divisions of Chamba district had started receiving special attention towards developments. Outside the Tribal Sub Plan areas, the State Government made sincere efforts to identify all those small backward areas, where the creation of basic developmental infrastructure had yet to be provided. The process of identification of backward areas was initiated in the Fourth Five Year Plan. The basic criteria kept for this purpose was remoteness and inaccessibility coupled with a set of indicators depicting the level of socio-economic development & non-existence of developmental infrastructure.

Himachal Pradesh is the first State in the country to have undertaken a comprehensive exercise in connection with the identification of backward micro-pockets & to have introduced a sub-plan concept for the areas identified as backward areas. In early stages no specific norms were prescribed for this purpose and the decision on identification of an area as backward would more or less be construed as impressionistic or adhoc. In order to avoid the occurrence of any such ad-hocism in locating the inter regional disparities in the level of socio-economic development of various areas or sub areas, the Government, after detailed thought & consideration, and also taking into account the general recommendations of the Planning Commission, laid down the following objective criteria for the identification of backward areas in Himachal Pradesh :

62-35

Sub. National Systems Unit,
National Institute of Educational
Planning and Administration
17-B, Sri Aurobindo Marg, New Delhi-110016
DOC. No... D-6843.....
Date 13/5/92

<u>1. Remoteness and Inaccessibility :</u>	<u>Weightage</u>
(a) The geographical centres of the area under consideration should be at least 15 Km. away from the main motorable road.	25
<u>2. Demographic Indicators :</u>	
(a) The percentage of Scheduled Caste/ Scheduled Tribe population in the area under consideration should be 25 percent or more.	15
(b) Average density of population per Sq. Km. should be 25 percent or less.	5
(c) Ninety percent of the total workers population in the area under consideration should be workers engaged in the primary occupation like Agriculture and Animal Husbandry, etc.	5
(d) The percentage of school going children in 6-14 years age-group in the area under consideration should not exceed 20 percent.	10
<u>3. Infrastructural Indicators :</u>	
(a) The percentage of scarcity villages with reference to drinking water should be 60 or more.	10
(b) The percentage of electrified villages to total should be 25 percent or less.	8
(c) The number of health institution in the area should not exceed one.	8
(d) The area under consideration should not be served by a bank branch as per RBI norms.	5
(e) There should be no veterinary institution in the area.	5
<u>4. Agricultural Indicators :</u>	
(a) The average holding size in the area under consideration should be one hectare or below.	3
(b) The percentage of cropped area under major cereals (Wheat, Maize and Rice) or remunerative cash crops like potato, apple, tea, etc. to the gross cropped area should not exceed 50.	1

Total	100

With the help of these indicators, the identification process proceeds as under :

- (i) The scoring of indicators will be done on an absolute basis and the qualifying score for declaring an area as backward has been kept at 60 percent;

(ii) The status of notified backward areas from time to time will be reviewed every five years. This would preferably correspond to the Five Year Plan so as to assess the level of development reached. Based on the review, the areas may be denotified;

(iii) The unit for declaration of an area as backward would be as compact as possible for administrative purposes and the smallest units to be considered for this would be a panchayat circle.

(iv) The system of earmarking 10 percent of the outlay is applicable in agriculture, horticulture, minor irrigation, education, health, water supply, animal husbandry, food and supplies (for construction of minor godowns), rural electrification, village and small scale industries, rural roads and forestry;

(v) The Planning Department will declare/denotify the backward areas in accordance with the above principles after obtaining approval of the Minister-in-charge;

(vi) It has also been decided to allocate earmarked resources among various districts in proportion to the number of Panchayats declared as backward in the State.

This was done to enable the concerned departments to do inter-district allocations for framing the budget proposals. This would also eliminate the chances of disparities in budgeting the earmarked outlays as between different identified backward areas. The formula laid down for this purpose is indicated below :

	<u>Earmarked Outlay</u>
1. Investment per Panchayat identified as backward	Total Number of Backward Panchayats
2. Total outlay earmarked for a district	Investment for Panchayats multiplied by number of Panchayats declared as backward in District.

(viii) The outlays earmarked for backward areas will be exhibited in the budget under separate sub-heads like the outlays for special component plan, so as to make these outlays non-divertible.

In January, 1986 the Government issued a notification earmarking plan funds in the following heads for the development of backward areas in Himachal Pradesh :

1. Agriculture
2. Horticulture
3. Minor Irrigation
 - a) I & PH
 - b) USAID
 - c) Rural Development

4. Food and Supplies (Minor Godowns)
5. Animal Husbandry
6. Forest (special forestry plantation)
7. Rural Electrification
8. Village and Small Scale Industries
9. Rural Roads
10. Education

- a) High
- b) Primary

11. Rural Health

- a) Ayurveda
- b) Allopathy

12. Rural Water Supply

The total earmarking in the above items will be to the extent of 10 percent of the outlays in the above items.

The share of outlays earmarked for different districts and the Panchayats belonging to these districts will be in proportion to the number of Panchayats declared as backward in particular district to the total number of Panchayats declared as backward in the entire State. The outlays earmarked for backward Panchayats shall be non-divertible and any short fall in plan spending against the earmarked outlays shall result in corresponding reduction in the outlay for the respective Heads of Development.

The concerned departments shall be required to maintain Panchayat-wise details of the programmes implemented; investments made and physical targets achieved.

As of today, a total number of 322 Gram Panchayats out of 2504 Gram Panchayats in all districts barring the tribal Districts of Kinnaur and Pangi & Bharmour divisions of Chamba district and Lahaul & Spiti have been declared as Backward Panchayats in Himachal Pradesh. District-wise break-up of these backward panchayats are as under :

<u>Districts</u>	<u>Total No. of Panchayats</u>	<u>Total No. of Panchayats Declared as Backward</u>
1. Bilaspur	104	8
2. Chamba	236	96
3. Hamirpur	183	12
4. Kangra	657	14
5. Kullu	148	38
6. Mandi	317	66
7. Shimla	288	55
8. Sirmaur	187	24
9. Solan	180	6
10. Una	204	3
	-----	-----
Total :	<u>2504</u>	<u>322</u>

The district-wise list of Panchayats declared as backward is as under :

Name of District	Sub-Division/Tehsil/Block	Panchayat
1.	2.	3.
1. Bilaspur	Jhandutta	1. Dhani 2. Salwar 3. Papola 4. Kalol 5. Saneera 6. Gharan 7. Brabmanikalan 8. Karloti
2. Chamba	Tissa Block	1. Charori 2. Kohal 3. Gassaur 4. Deola 5. Dehra 6. Bagheegsosh 7. Chanju 8. Jubgera 9. Charada 10. Devikothi 11. Gulehi 12. Satyas 13. Benderi 14. Mangli 15. Bharnaita (Sanwa) 16. Shalelita (Bari) 17. Janjha Kothi 18. Dehgran 19. Cholli 20. Tikri 21. Bharara 22. Leswin 23. Gadfari 24. Thalli 25. Tissa - II 26. Kuthed Budhoda 27. Thanei
	Salponi Block	1. Bhunad 2. Kanger 3. Gawaloo 4. Badka 5. Bhahatra 6. Karwal 7. Kilor 8. Pichladiur 9. Kandhawara 10. Bharella 11. Kharhota 12. Ail 13. Panjai

~~~~~  
1.                                 2.                                 3.  
~~~~~

- 14. Banaglie
- 15. Aura
- 16. Pichladur
- 17. Kharoew
- 18. Khawal
- 19. Ligga
- 20. Thakrimatti
- 21. Dand

Bhattiyat Block

- 1. Maloonda
- 2. Khari
- 3. Gola
- 4. Kathola
- 5. Golna
- 6. Mortu
- 7. Tikri
- 8. Dharun
- 9. Jandroog
- 10. Pareera
- 11. Ballera
- 12. Benina
- 13. Kuddi
- 14. Padrotu
- 15. Taragarh
- 16. Mornu

Chamba Block

- 1. Shillagharat
- 2. Jhullara
- 3. Sirh
- 4. Kalare
- 5. Singni
- 6. Chilbangla
- 7. Paluer
- 8. Rajindu
- 9. Chandoli
- 10. Paluir

Mehla Block

- 1. Bandla
- 2. Kupara
- 3. Bharian
- 4. Basodhan
- 5. Tathiar
- 6. Darwin
- 7. Brehl
- 8. Kuru
- 9. Khundel
- 10. Balot
- 11. Pareena
- 12. Kuned
- 13. Kilor
- 14. Dullara
- 15. Kiri
- 16. Bat

1.	2.	3.
		17. Sarahan 18. Bakhatpur 19. Radi 20. Chhatradi 21. Churadi 22. Sunara
3. Hamirpur	Sujanpur Block	1. Ranger 2. Jandroo 3. Khanoli 4. Bherda
	Bijhari Block	1. Samtana 2. Jajri 3. Raily 4. Sathwin 5. Tipper
	Nadaun Block	1. Kashmir
	Bhoranj Block	1. Mehal 2. Bhukkar
4. Kangra	Nurpur Sub-Division	1. Nana 2. Milkh 3. Jalot
	Palampur Sub-Division	1. Lahru 2. Dhandole 3. Kananpat
	Dehra Sub-Division	1. Pihri
	Palampur Sub-Division/ Baijnath Sub-Tehsil	1. Bargran 2. Kothi Kohar 3. Multan 4. Lovai 5. Puling 6. Swar 7. Bara Bhangal
5. Kullu	Naggar Block	1. Malana
	Ani Block	1. Kharad 2. Karana 3. Khila 4. Bingaul 5. Plaehi 6. Karshaigar 7. Khani 8. Lajheri 9. Dingidhar 10. Ropa

1.	2.	3.
	Nirmand Block	1. Kushva 2. Tunan 3. Bari 4. Kot 5. Deem 6. Chail 7. Ghatu 8. Shilli 9. Sarga 10. Sahrhar 11. Lot 12. Rohru
	Banjar Block	1. Tung 2. Thatibir 3. Gadaparli 4. Nohanda 5. Gopalpur 6. Snangarh 7. Shanshar
	Kullu Block	1. Barshani 2. Dunkhrigahar 3. Rini 4. Mangarh 5. Kashswari 6. Mashna 7. Bandrol 8. Phalan
6. Mandi	Darang Block	1. Nohali 2. Bihun 3. Chuku 4. Baridhar 5. Barot 6. Devidhar 7. Kufari 8. Dhanchian 9. Sudhar 10. Kathog 11. Silhbadhwani 12. Ropa 13. Tikkar 14. Batheri
	Sadar Block	1. Bandhi 2. Ghain 3. Segali 4. Shiva 5. Dhar 6. Kathiyari 7. Chhamyar

1.	2.	3.
	Chauntra Block	1. Uparidhar 2. Outpur 3. Tulah 4. Kathon 5. Khaddar 6. Daled
	Sundernagar Block	1. Dhangyara 2. Boi 3. Sojha 4. Balag 5. Bandali 6. Dhawal 7. Serikothi 8. Batwara 9. Ghanganu 10. Paurakothi 11. Behli Dumat
	Seraj Block	1. Thana 2. Shilli Baghi 3. Chet Dahar 4. Kalhani 5. Kholanal 6. Thachi 7. Songad 8. Khalwahan 9. Thachadar 10. Bagrathach 11. Chhattari 12. Gattu
	Karsog Block	1. Mahandi 2. Shoat 3. Jaral 4. Kahannu 5. Mashog 6. Freshi 7. Gowalpur
	Dharampur Block	1. Tukhola 2. Seoh 3. Kamlah 4. Hogi-khola (Pehad) 5. Kothuan 6. Haddidhar (Tanyar) 7. Saklana 8. Kujabaln 9. Brang

1.	2.	3.
7. Sirmaur	Sangrah Block	1. Khud Drabal 2. Bharari 3. Bhajond 4. Shamra 5. Ruffer Kaira 6. Ser Tandiula 7. Bhutli Mandal 8. Lana Cheta 9. Ghehal
	Shillai Block	1. Jarwa 2. Badol 3. Bhaluna 4. Sangna 5. Satahan 6. Halahan 7. Kuti Dhiman 8. Kota Pab
	Paonta Block	1. Korga 2. Kathwar 3. Sakhauli 4. Kantimashwa 5. Thuntha Jakhal 6. Bharog Baneri 7. Pilhori
8. Solan	Tehsil Arki	1. Mangal 2. Beral 3. Kuher
	Solan Sub-Division	1. Nalka 2. Bansar 3. Pratha
9. Una	Dhundla Block	1. Debli
	Bangana Block	1. Sihana 2. Amera Dhiraj 3. Platha
10. Shimla	Tehsil Chopal	1. Majholi 2. Charuli 3. Banah 4. Jhukar 5. Jublee 6. Chandnadar 7. Bhalu 8. Kiran 9. Need Tikhari 10. Pauria 11. Eohar 12. Manu

1.	2.	3.
	Sub-Tehsil Chhohara	1. Dodra 2. Kowar 3. Jakha 4. Sari Bassa 5. Pekha 6. Diwudi 7. Gaonsari 8. Roahl 9. Kharshali 10. Gawas 11. Sheeladesh 12. Randol 13. Sindasalli 14. Dhakgaun
	Tehsil Rohru	1. Hanstari 2. Pujarli - III 3. Kanduin 4. Kuthai 5. Khangteri
	Tehsil Rampur	1. Sarpara 2. Lahana-Sadana 3. Phancha 4. Chandi Branda 5. Koot 6. Kindo 7. Kashapat 8. Darkali 9. Dansa 10. Khanadi 11. Tipper Majholi 12. Deothi 13. Murish
	Tehsil Kumarsain	1. Kotighat 2. Jadoon
	Tehsil Suni	1. Himri 2. Dharogra 3. Chanoog
	Tehsil Theog	1. Mundu 2. Nahol 3. Deothi 4. Barog
	Tehsil Jubbal	1. Giltari 2. Jhalta

During the Seventh Plan (1985-90) period a provision of Rs. 5686.40 lakh was kept under the Backward Area Sub Plan. Similarly during 1990-91 plan period, a provision of Rs. 1381.60 lakh was earmarked under this plan; against which the departments reported an expenditure of Rs. 1145.59 lakh accounting for 82.92 percent of the outlay.

A provision of Rs. 12294.51 lakh has been approved under the Eighth Plan (1992-97) in Himachal Pradesh for the Backward Area Sub-Plan. This provision accounts for a step-up of 116.20 percent over the Seventh Plan provision. For the Annual Plan, 1992-93 a plan provision of Rs. 2997.48 lakh has been earmarked under the Backward Area Sub-Plan against the current year's plan provision of Rs. 1740.80 lakh accounting for a step-up of 72.19 percent over the current year's plan provision.

The department-wise details of the plan provision and physical achievements/targets under the Backward Area Sub-Plan are given in statement B.A. - I and B.A. - II.

CHAPTER - VI

THRUST ON RURAL DEVELOPMENT IN EIGHTH FIVE YEAR PLAN (1992-97).

INTRODUCTION :

Himachal Pradesh has an area of 55,673 Kms. and a population of 51.11 lakh according to 1991 Census. The density of population is 92 persons per square Km. as compared to 267 at the all India level. As much as 91 percent of population lives in rural areas and the remaining Nine percent is located in 55 towns. The Scheduled Castes form 24.6 percent of population while Scheduled Tribes account for 4.6 percent according to 1981 Census. The areas comprising of Kinnaur District, Lahaul & Spiti District and Bharmour and Pangi tehsil of Chamba District form the Tribal areas of Himachal Pradesh.

LABOUR FORCE :

The labour force (15-59 years) constitute 22.63 lakh which forms 52.86 percent of the total population. However, the following table gives the distribution of main workers according to nine industrial categories as depicted in 1981 Census :

(In Lakh Persons)				
Category	Main Workers	Marginal Workers	Total	Percentage to total Workers
1.	2.	3.	4.	5.
I. Cultivators	10.020	3.210	13.230	72.94
II. Agricultural Labourers	0.400	0.106	0.506	2.79
III. Livestocks, Forestry, Fishing, Hunting & Plantation, Orchards & Allied activities	0.370	0.019	0.389	2.14
IV. Mining & Quarrying	0.040	--	0.040	0.22
V. Industries	0.790	0.042	0.832	4.58
VI. Construction	0.790	0.019	0.809	4.46
VII. Trade & Commerce	0.530	0.009	0.539	2.97
VIII. Transport, Storage and Communications	0.270	0.006	0.276	1.52
IX. Other Services	1.500	0.017	1.517	8.38
TOTAL :	14.71	3.43	18.138	100.00

It would be seen that the total population of 42.81 lakh persons, main and marginal workers together constitute 18.14 lakh persons. Of the total main and marginal workers, 13.74 lakh persons are cultivators and agricultural labourers which constitute 75.73 percent of the total workers and the rest 24.27 percent are engaged in other activities.

LAND HOLDINGS :

Of the total 55.74 lakh hectares of area, a total number of 7.53 lakh holdings command an area of 9.80 lakh hectares (according to 1985-86) Agricultural Census. The average holding size comes to 1.3 hectares. The distribution of land holdings according to 1985-86 Agricultural Census is depicted in the following table :

Size of Holdings (Hectare)	Category	Number of Holdings (in '00 no.)	Area '00 (Hect.)	Average size of Holdings
1.	2.	3.	4.	5.
Below 1.0	Marginal	4634 (61.5)	2006 (20.4)	0.4
1.0 - 2.0	Small	1553 (20.6)	2226 (22.7)	1.4
2.0 - 4.0	Semi-Medium	922 (12.4)	2547 (26.0)	2.8
4.0 - 10.0	Medium	364 (4.8)	2077 (21.2)	5.7
10.0 & Above	Large	56 (0.7)	946 (9.7)	16.8
Total		7529 (100)	9802 (100)	1.3

It would be seen from the above table that marginal and small farmers constitute 82.1% of the total land holdings. The semi-medium and medium holdings together constitute 17.2 percent and the large holdings cover only 0.7 percent. Thus in Himachal Pradesh, bulk of the holdings constitute small and marginal holdings.

The economy of Himachal Pradesh as is revealed from the above analysis is rural in character and thus a considerable amount of public resources has already been invested on a variety of rural development and anti-poverty programmes since the inception of Planned development. In Himachal Pradesh, more than 50 percent of the plan investment goes to the rural areas. According to the guidelines sent by the Planning Commission, an exercise on Seventh Plan (1985-90) investment shows that percent of the total investment flows to the rural areas as against the Approach Paper norm of 50 percent. Similarly, the Annual Plan (1990-91) investment shows that percent of the total investment flows to the rural areas as against the norms of 50%.

Eighth Plan and Annual Plans :

Before discussing the flows of rural areas during the Eighth Plan as well as Annual Plan 1991-92 and 1992-93, it would be pertinent to discuss the methodology adopted in working the rural component of the various development heads. These development heads has been classified into two main categories. The first category constitutes those heads of development which address themselves to rural areas. The second category constitutes those heads of development which are subjected to apportionment to rural areas by location of benefits of scheme through suitable indicators. The methodology is discussed as under :

Under the Category - I, the directly indentifiable rural outlays of the following heads have been taken directly. These are :

- (i) Agriculture and Allied Activities which include Crop Husbandry, Soil and Water Conservation, Animal Husbandry, Dairy Development, Fisheries, Forestry and Wild Life, Research and Education, Investment in Agricultural Financial Institutions, Marketing and Quality Control and Co-operation;
- (ii) Rural Development;
- (iii) Irrigation and Flood Control;
- (iv) Rural infrastructure which includes Rural Electrification, biogas, rural roads, rural health, rural housing, rural sanitation, and Rural Water Supply;
- (v) Village and Small Scale Industries.

CATEGORY - II :

Development heads subjected to apportionment to rural areas by location and benefits of the schemes vis-a-vis suitable indicators.

1. Power :

Though, rural electrification has been covered under Category-I, the other components have been apportioned on the basis of the discussion held with the HPSEB. Accordingly, the apportionment of Transmission and Distribution component, 33% of the investment has been taken as flows to the rural area. This is based on the fact that distribution lines 66 KV and below are created mainly for supplying power to rural feeders. With regard to investment in generation, percentage consumption of electricity by rural households, rural industries, and in agriculture to total consumption has been taken as the indicators for apportionment. The percentage worked out is 30.

2. INDUSTRIES AND MINERALS :

Though village and small scale industries which covered Khadi and Village Industries, handlooms and handicrafts sericulture, Tea Industry and other promotional activities have been taken in Category-I.

Similarly, mining activity has no direct rural benefits of major consequence.

3. TRANSPORT :

The Transport Sector comprises of (i) Civil Aviation (ii) Roads and Bridges (iii) Road Transport (iv) Inland Water Transport (v) Ropeways and Cable ways and (vi) IMT studies. The investment in Civil Aviation and IMT studies have not been considered as these do not directly serve the rural masses. The apportionment in respect of other components are described as under :

(i) Roads and Bridges : Rural roads under MNP have been directly taken in category-I. For other roads and bridges (other than MNP), the component of rural roads has been apportioned on the basis of percentage of rural roads length to total road length. This works out to 41 percent.

(ii) Road Transport : Road Transport is only mode of communication in Himachal Pradesh. In this connection, the detailed discussions were held with the Transport Department. The urban transport in the strict sense is only in Shimla urban. While analysing the percentage share in kilometre coverage, only 2.49 percent of the total distance covered by HRTC buses within the State was found as urban. Accordingly, keeping in view the other components of the investment, 90 percent of the investment was taken as the rural component.

(iii) Inland Water Transport and Ropeways & Cableways : The entire investment has been taken as rural component.

(iv) Science and Technology, Environment : The programme content reveals that 90 percent of the investment goes to rural economy. As such 90 percent of the investment has been taken as the rural component.

(v) Civil Supplies : The apportionment to rural sector has been made on the basis of the number of fair price shops located in rural and remote areas to total number of fair price shops. The percentage worked out to be 93 percent.

(vi) District Planning : The entire investment is made in creating the rural infrastructure and as such the entire expenditure/investment has been taken as rural.

(vii) Education : A detailed exercise was done to arrive at the base year percentage. The weighted average percentage of the enrolment in primary, middle, high/higher secondary, 10 Plus 2 and college stage to total enrolment was worked out. The weights taken were the investment during the entire Seventh Plan period

in Primary, middle, high/higher education, 10+2 and colleges, separately. The weighted average percentage worked out to 81 percent. This percentage was made applicable to Technical Education also.

(viii) Health : The components of this sector are (i) Allopathy, (ii) Ayurveda and (iii) Medical Education. The details are as under :

i) Allopathy and Ayurveda : The entire MNP content was taken in Category-I. For schemes other than MNP, a schematic analysis was done which reveals that 22 percent of the remaining outlay/expenditure goes to rural sector. Similar approach was followed in respect of Ayurveda also. The percentage worked out to be 40 percent.

Other Social Services :

The schematic details in respect of (i) Welfare of Scheduled Castes/Scheduled Tribes, and Other Backward Classes, (ii) Labour and Labour Welfare, (iii) Social Welfare and Security and (iv) Nutrition reveals that 90 percent, 20 percent, 70 percent and 70 percent of the investment, respectively flows to the rural areas which is also in conformity with all India percentages.

Based on the above methodology, the rural component of the approved Annual Plan 1991-92 works out to 70.57 percent. Against this, the percentage for proposed Annual Plan 1992-93 comes to 69.93 percent. This percentage for proposed Eighth Plan (1992-97) outlays comes to 69.94 percent. Thus it would be seen that the investment flows to rural areas exceed the national norm of 50 percent. The head-wise/Sub head-wise details of the rural component against the total investment during the Annual Plan (1991-92), proposed Annual Plan outlay for 1992-93 and for the Eighth Five Year Plan (1992-97) is appended in Statement - Rural Component.

CHAPTER - V I I

POWER DEVELOPMENT IN H.P. -- RETROSPECT AND PROSPECT

INTRODUCTION :

Himachal Pradesh has a vast hydel Potential and through preliminary hydrological, topographical and geological investigations, it has been estimated that 12,700 MW of hydel power can be generated in the State by constructing various major, medium, small and mini/micro hydel projects on five river basins. In addition, a large number of unidentified areas have still been left in the river basins, which can contribute substantially to the power potential of Himachal Pradesh by way of mini, micro, medium and even large projects. In view of the rising cost of thermal and nuclear generation, many identified projects which have been excluded from the above mentioned hydel potential on account of non-suitability due to high cost of generation, will also become viable in future. On these two considerations a conservative estimation of the total Potential in Himachal Pradesh could well be put-up at 20,000 MW or even more.

APPROACH FOR POWER DEVELOPMENT DURING THE FIVE YEAR PLANS AND ANNUAL PLANS :

During the Sixth Plan, Seventh Plan and Annual Plans 1990-91 and 1991-92 the highest priority has been recorded for the Power sector at the National level and also in the State Plans. The plan to plan share of plan investment in the power sector is depicted in the following table :

(Rs. 'n lakh)			
Plan period	Total investment	Investment on Power	Percentage of Power Investment to Total
1.	2.	3.	4.
First Plan (1951-56)	527.25	21.59	4.09
Second Plan (1956-61)	1602.60	150.69	9.40
Third Plan (1961-66)	3384.47	240.14	7.10
Annual Plan (1966-67)	946.05	295.04	31.19
Annual Plan (1967-68)	1443.94	395.52	27.39
Annual Plan (1968-69)	1595.19	415.75	26.06

1.	2.	3.	4.
Fourth Plan (1969-74)	11342.97	2450.03	21.60
Fifth Plan (1974-78)	16148.48	4053.89	25.10
Annual Plan (1978-79)	6810.17	1248.54	18.33
Annual Plan (1979-80)	7945.36	1550.00	19.51
Sixth Plan (1980-85)	65566.00	17924.95	27.34
Seventh Plan (1985-90)	132475.75	34747.61	26.23
Annual Plan (1990-91)	37762.93	6721.58	17.80
Annual Plan (1991-92) - Anticipated Exp.	41000.00	7600.00	18.54
Eighth Plan (1992-97) - Proposed Outlay	338720.18	60117.00	17.75
Annual Plan (1992-93) - Proposed Outlay	53453.78	10218.00	19.12

It may be observed from the above data that remarkable increase has been effected in the level of financial investments under Power sector over the successive Five Year Plans and Annual Plans. The overall percentage of power sector investment to total Five Year Plans investment along with Annual Plans has increased satisfactorily.

STRATEGY FOR THE EIGHTH PLAN (1992-97) FOR POWER SECTOR :

The main strategy during the Eighth Plan (1992-97) for Power sector are given below :

- i) Expeditious completion of the on-going projects by ensuring full funding.
- ii) Initiating work on some new starts so as to ensure capacity additions in the course of Ninth Plan.
- iii) Considerable strengthening of the T & D System so as to ensure appropriate load despatches and to cut down on the line losses in a phased manner.
- iv) Embank upon intensive electrification of rural areas and ensure universal coverage of rural households.
- v) Step-up the work on survey and investigations so as to have a shelf of fully investigated projects ready for the Ninth and Tenth Five Year Plans.

- vi) To provide funds for Renovation and Modernisation of various existing power Houses in the Pradesh for additional generation benefits.
- vii) To involve Private Sector for the construction of Power Projects.

EXISTING POSITION OF HYDEL PROJECTS :

The Himachal Pradesh Government had been fully alive to make the best use of power resources in State. Even since we took to planning in the Pradesh, Power Development had been receiving utmost importance. As the plan programmes went on power generation was given its due place of importance.

When Himachal Pradesh came into being, it had only one power house at Jogindernagar, which was at that time generating about 10,000 KW of power. As the days rolled by, many other important power projects were set-up in the State. The Bhakra Project, built on the river Satluj was completed in 1961. It is now generating 1,050 MW of power. Similarly, the Beas Satluj Link Project has also been completed, producing 990 MW of power. Simultaneously other projects too have been completed. This Pradesh as a result of the completion of some of the Projects, is generating about 3,560 MW of hydel power as per details given below in the central and State sectors :

1.	Bhakra Project	1050	MW
2.	Beas Satluj Link Project	990	MW
3.	Pong Dam Project	360	MW
4.	Baira Siul Project	180	MW
5.	Yamuna Hydel Schemes (Giri Project)	980	MW

	Total :	3560	MW

POSITION OF COMPLETED AND ONGOING POWER PROJECTS :

At present a number of medium and small hydel projects are under execution in the Pradesh. The details of the completed and ongoing power projects are as under :

1. Hydel Power Projects Completed :

- 1. Giri Hydel Project (60 MW).
- 2. Binwa Hydel Project (6 MW).
- 3. Bassi Augmentation (15 MW).
- 4. Andhra Hydel Project (15 MW).
- 5. Bhawa Hydel Project (Sanjay Jal Vidyut Pariyojna) (120 MW).
- 6. Rongtong Hydel Project (2 MW).

11. ON-GOING POWER PROJECTS :

The brief details of the ongoing power projects in the Pradesh are as under :

1. Thiroth Hydel Project (4.5 MW)
2. Baner Hydel Project (12 MW)
3. Gaj Hydel Project (10.5 MW)
4. Bhaba Augmentation Scheme (3 MW)
5. Killar Hydel Project (300 KW)
6. Larji Hydel Project (126 MW)
7. Nathpa Jhakri Project (1500 MW)
8. Kol Dam Project (800 MW)

1. Thiroth Hydel Project (4.5 MW) :

The project with an installed capacity of 4.5 MW is located in the tribal valley of Lahaul in district Lahaul & Spiti. The latest estimated cost of this project is Rs. 26 crore. An expenditure amounting to Rs. 18.90 crore so far been incurred on this Project. The power generated from this project shall be utilised in the remote tribal areas of Lahaul and Pangi and the surplus power available shall be utilised in Manali area of Kullu District.

Due to non-availability of adequate funds in the beginning and limited working season the completion schedule had to be postponed. The project is now scheduled for commissioning during October 1993.

2. Gaj Hydel Project (10.5 MW) :

The project was sanctioned during the year 1982. The latest revised estimated cost of the project is Rs. 33.25 crores. The work on this project could not be taken up in the right earnest during the previous years due to inadequate provision of funds in the plans and progress has been hampered because of less availability of funds.

The working of the project is in full swing and is scheduled for commissioning by March 1993.

3. Baner Hydel Project (12 MW) :

The project was sanctioned during the year 1981 for an installed capacity of 6 MW which has subsequently been raised to 12 MW. The latest estimated cost of the project is Rs. 35.02 crores. The work on the project could not be taken-up in the right earnest in the previous years due to paucity of funds and the progress has been hampered because of less availability of funds.

The works of major civil component of this project are in progress. The project is now scheduled for completion in June 1993.

4. Bhaba Augmentation Scheme :

Bhaba Augmentation scheme with an estimated cost of Rs. 9.64 crore was approved by the Planning Commission in June, 1987. However, the latest revised estimated cost is Rs. 16.33 crores. The scheme will afford an additional generation of 54 MW annually from the Bhaba Power House and will enhance the firm power by 3 MW. The construction work on this project could not be geared-up due to the uncertainty about the funding in the previous years. The work has now been awarded and is in progress. The Scheme is Scheduled for completion during Nov. 1993.

5. Killar Hydel Project (0.30 MW) :

H.P.State Electricity Board has sanctioned the scheme for Killar amounting to Rs. 1.73 crore and is being executed under State Plan. An amount of Rs. 82 lakh has been spent on this project ending 3/91. The project is scheduled for commissioning during March, 1993.

6. Larji Hydel Project (126 MW) :

Larji Hydel Project having an installed capacity of 126 MW is to be constructed on the river Beas in Mandi district. As per the estimates of the year 1984, the project was to cost Rs. 168 crore. However, the latest estimated cost is Rs. 355 crore. The project is scheduled for commissioning during March, 1999.

NJPC SCHEMES :

1. Nathpa Jhakhri Project (1500 MW) :

Nathpa Jhakhri Hydro-electric project with an installed capacity of 1500MW is to be executed jointly by the State and Central Governments, through the Nathpa Jhakhri Power Corporation. This Corporation has been constituted under the Companies Act. According to the 'Memorandum and Articles of Association' approved by the Government of India for this Corporation, the debt equity ratio would be 1:1. World Bank Loan amounting to 437 Million Dollars has been sanctioned for this project for the generation component. This loan will directly come to the Nathpa Jhakhri Power Corporation and the sources for the equity portion shall be funded by the Central and State Government. The estimated cost of the project is Rs. 1678 crore (Generation Component including the interest during construction). The financing plan of this project in terms of percentage cost is as under :-

<u>Sources of Funds</u>	<u>Percentage</u>
1. Bank loan lent to Nathpa Jhakhri Power Corporation.	17%
2. Government of India Loan	33%
3. Government of India Equity	37%
4. Government of H.P. Equity	13%

2. Kol Dam Project (800 MW) :

Kol Dam Project with an installed capacity of 800 MW is also proposed to be executed by the Nathpa Jakhari Power Corporation in joint sector on the similar terms and conditions as agreed for Nathpa Jakhari Project. The Project is estimated to cost Rs. 1050 crore. The project has been included in the protocol signed between the Government of India and Government of Soviet Union for providing financial and technical assistance by the USSR for its execution.

In view of the above, the State Govt. has to provide its share of investment for the execution of these projects. This has been included in the State Plan for the Eighth Plan (1992-97).

TRANSMISSION AND DISTRIBUTION :

The need for the strengthening the transmission and distribution system in the State, is being felt for the last few years in order to ensure un-interrupted power supply in the State and for evacuation of power from various inter-state and central projects. However, because of paucity of funds, transmission and distribution schemes could not be completed and work on new schemes could not be started. The World Bank has now approved a loan amounting to 43 Million Dollars for strengthening the transmission and distribution system in the State. However, in case of these works, which are only of 132 KV voltage level, part investment of civil and other infrastructural works will have to be done by the HPSEB for which corresponding provision has been made in the State Plan. In addition to this, funds would also be required to complete various on-going schemes and new schemes to be taken-up during the Eighth Plan period.

For 66 KV and above transmission lines the requirement of funds is for completion of various on-going schemes posed to the World Bank and for new transmission schemes to be taken-up in the Eighth Plan. In addition to above schemes, provisions have also been made for system improvement schemes for 33 KV and below.

This is necessary not only to improve the quality of supply but to give well-knit distribution network in the State and to rescue the T&D losses to a large extent.

RENOVATION AND MODERNISATION OF POWER HOUSES :

The H.P. State Electricity Board has so far identified the following Power Houses where generation can be improved by carrying out renovation and modernisation.

1. Giri Power House (60 M W)
2. Rukti Power House (1.5 M W)
3. Nogli Power House (2.5 M W)
4. Bassi Power House (60 M W)

The scheme of Giri Power House has since been approved by the Planning Commission during March, 1990 for Rs. 9.85 crore. As per the latest estimates the cost of the schemes is going to be to the tune of Rs. 11 crore. The schemes for Rukti and Nogli has been approved by the HPSEB. Giri Renovation Scheme is being financed by the Power Finance Corporation and a loan of Rs. 6.82 crore has been sanctioned by them.

SURVEY AND INVESTIGATION :

In order to exploit the vast Hydel potential available in the State, various potential sites have been identified. It is very necessary to carry-out survey and investigation of these sites for the formulation of projects and to maintain a ready shelf of investigated schemes for being taken-up for execution in a phased manner. Unfortunately, very meagre funds were available for this purpose during the previous years and there has been very slow pace of progress in investigation of new projects. It is expected that with the liberal assistance under central sector, more & more progress could be achieved.

INSTALLED CAPACITY :

The data on installed capacity in respect of Hydro and Diesel has been given in the following table :

(In MU)			
Year	Hydro	Diesel	Total
1.	2.	3.	4.
1980-81	126.520	1.504	128.024
1984-85	132.570	1.500	134.070
1985-86	132.820	1.500	134.320
1989-90	272.070	1.500	273.570
1990-91	272.070	0.277	272.347

It would be seen that the creation of installed capacity which was 128.024 MU in 1980-81 touched the level of 272.347 MU in 1990-91.

Against the total estimated hydel power potential of 20,000 MW or even more in the Pradesh only 3363 MW has been harnessed upto 31st March, 1991.

POWER GENERATION :

The data on power generation has been depicted in the following table :

(In M U)

Generation Year	Generation M U	Electricity Purchase from B M B
1.	2.	3.
1980-81	245.07	265.40
1984-85	488.84	383.43
1985-86	596.83	392.10
1989-90	935.51	887.60
1990-91	1262.40	1058.69

It would be seen that power generation which was 245.07 MU in 1980-81 touched the level of 935.51 MU in 1989-90. The power generation in the Seventh Plan witness an increase of 91.4%. During the year 1990-91 power generation level reached 1262.40 Million Units.

POWER SOLD :

The data on power sold within and outside the State are depicted in the following table :

(In Million Kwh)

Year	Sale within the State	Sale outside the State	Total
1.	2.	3.	4.
1980-81	226.74	147.13	411.87
1984-85	470.02	217.28	687.30
1985-86	563.32	223.93	787.25
1989-90	897.10	359.49	1256.59
1990-91	1008.74	901.90	1910.64

It would be seen that the sale of power within the State is on an increase and registered an increase of 77.5 percent during 1984-85 over 1980-81 period. During 1989-90, the sale within the State was 897.10 million Kwh and registered an increase of 69.18 percent over 1984-85 period. However, during 1990-91, the sales

within the State go upto 1008.74 million Kwh. The sale of power outside the State which was 147.13 million Kwh in 1980-81 continued to rise and reached the level of 359.49 Million Kwh and recorded an increase of 178.02. However, the expected sale outside the State during 1990-91 is expected to be 1910.64 million Kwh.

POWER CONSUMPTION :

The trend in power consumption in the State among different end uses is given below :

(Million Kwh)					
End Uses	1980-81	1984-85	1985-86	1989-90	1990-91
1.	2.	3.	4.	5.	6.
1. Domestic	62.374	100.887 (21.5)	113.290 (20.11)	197.6	229.5
2. Commercial	32.630	43.428 (90.20)	48.983 (8.70)	73.6	77.6
3. Industrial	107.550	265.634 (56.5)	339.049 (60.18)	530.9	599.6
4. Agriculture	5.770	17.646 (3.8)	21.019 (3.73)	25.8	26.2
5. Public Lighting	1.970	2.199 (0.5)	2.700 (0.48)	3.5	3.2
6. Bulk/ Miscellaneous	54.440	40.228 (8.5)	38.275 (6.80)	25.8	72.6
Total	264.734	470.022 (100)	563.316 (100)	857.2	1008.7

Rural Electrification :

According to 1981 census, the number of census villages are 18721. Of these, 1914 villages are un-inhabited and the rest 16807 villages are inhabited villages. The State however, achieved 100 percent rural electrification target during 1988-89. Since then the area of concentration is strengthening of distribution system and electrification of left out hamlets.

Problems in the Implementation of Power Projects :

1. Financing of Nathpa-Jhakhri Project :

According to the existing agreement for Nathpa-Jhakhri Hydro Project, Himachal Pradesh is to finance 25 percent of the project cost. This project is expected to cost about Rs. 2500 crore at current prices. Our share would thus come to about Rs. 625 crore.

Given the small size of the State Plan, it is extremely difficult to accommodate huge outlays on this project specially in the years when the peaking of investments will take place. Some possibilities of helping or accommodating us could be as under :

- (a) The outlay requirements of Himachal Pradesh should be considered as an entity outside the State Plan so that the overall inter-sectoral priorities do not get disturbed on the one hand and the State Government is also afforded an opportunity of initiating some small medium sized hydel projects in the State Sector.
- (b) Instead of the State Government commitments on Nathpa-Jhakhri Project strictly following the phased requirements of the project implementation, we may be allowed to make-up our share over a longer time frame on deferred payment basis the annual investments being fixed around Rs. 50 crore per annum. When the project is commissioned, our investment dues could be allowed to be adjusted against our share of power.
- (c) Since the project is to be financed on a 50:50 debt equity capital structure, we may only be required to meet 25 percent share of the equity component and the Nathpa-Jhakhri Power Corporation may raise the entire loan component all by themselves.

CHAPTER - VIII

EMPLOYMENT SITUATION IN HIMACHAL PRADESH

Progressive reduction of unemployment and creation of employment opportunities has been one of the principal objectives of economic planning ever since the plan effort was undertaken. The past experience has demonstrated that the approach treating employment as mere byproduct of growth or seeking solution of the unemployment problem in special programmes as such, are inadequate. It is now widely recognised that employment generation should form the central element in the strategy of development planning during the 1990s. The major objective of development planning, namely, elimination of poverty, reduction in inequality, and sustenance of a reasonable rate of economic growth are a prerequisite conditions. This, therefore, demands a relatively rapid growth of employment built in into the growth strategy itself.

Population Projections :

According to the 1991 Census the population of Himachal Pradesh is estimated at 51.11 lakh on 1st March of 1991. The rural population was 46.66 lakh and urban population was 4.45 lakh. Thus, rural population constitute 91.29 percent. The Expert Committee constituted by the Registrar General of India, has also estimated population projections upto 2001 A.D. In our estimates, the population growth observed between 1981 Census and 1991 Census has been used in projecting the population in the intervening periods. Similarly the population growth observed between 1991 and 1996 (as projected by Expert Committee) has been used in arriving at the population figures of intervening period. Similarly the population growth observed between 1996 and 2001 as projected by Expert Committee has been used in arriving at the population of the intervening period. The percentages of rural and urban population as observed in the two Census viz. 1981 and 1991 have been used in working out the rural and urban population of the intervening period. Similar treatment has been adopted for working out male-female distribution in rural and urban areas. The rural and urban population distribution in Himachal Pradesh is given in the table-1 below :

Table - 1

**Distribution of Rural and Urban Population in
Himachal Pradesh**

Year	Rural	Urban	Total
1st March			
1987	43.98	3.63	47.61
1988	44.77	3.69	48.46
1989	45.57	3.76	49.33
1990	46.39	3.82	50.21
1991	46.66	4.45	51.11
1992	47.26	4.50	51.36
1993	47.87	4.56	52.43
1994	48.48	4.62	53.10
1995	49.10	4.68	53.78
1996	49.74	4.74	54.48
1997	50.38	4.80	55.18
1998	51.02	4.86	55.88
1999	51.68	4.92	56.60
2000	52.34	4.99	57.33
2001	53.01	5.05	58.06

Labour force :

The National Sample Survey Organisation (NSSO) carried out the fourth quinquennial Survey on employment and unemployment as a part of its 43rd round (July, 1987 - June, 1988 Survey operation). The present estimates are based on 43rd round Survey of the central sample for all-India. A matching sample designated as State Sample was also canvassed. The data collected under State Sample was not available and as such Central Sample results have been used. The various estimates are based on three concepts namely usual Status, Weekly Status and daily Status. These are explained below :

- (i) **Usual Status Concept** : In the 43rd round survey, the Status of activity on which a person spent relatively longer time of the preceeding 365 days to the date of Survey, was considered the principal usual activity status of the person. Accordingly, a person's principal usual Status was considered 'working' or 'employed' if he or she was engaged relatively for a longer time during the reference period of 365 days in any one or more work activities (activities coded 11-51), seeking or available for work or 'unemployed', if he or she was not working but was either seeking or was available for work (activity coded 81) for a relatively longer time of the specified reference period and 'not in labour force' if he or she was engaged in a relatively longer period in any one or more of the non gainful activities (activities Coded 91-97 and 99). Within the two broad activity Categories, 'working' and 'not in labour force', the detailed activity category was determined

on the basis of time spent criterion. A person categorised as a 'worker' on the basis of his/her principal Status is hereafter referred to as 'principal status worker'. A non-worker (on the basis of principal usual activity status) who pursued some gainful activity in a subsidiary capacity was considered to be usually working in a subsidiary capacity and is hereafter referred to as 'Subsidiary Status Worker'. These two groups viz. 'Principal Status Workers' and 'Subsidiary Status Workers' together constituted 'all workers' according to the usual status classification.

(ii) **Weekly Status Concept** : According to current weekly status, a person had to be initially assigned a unique activity status with reference to a period of 7 days preceding the date of survey. This posed no problem in the case of a person having only one status during the reference week. But, a unique status was assigned to a person, pursuing more than one activity during the week by adopting a priority-cum-major time rule. Thus, a person was considered 'working' (or employed) if he was engaged in any one or more of the gainful activities (Coded as 11 to 72) for at least one hour on any one day of the reference week. A person who had not worked for even one hour on any one day of the week, but had been seeking work or available for work at any time during the week was considered 'seeking/ available for work' (or unemployed)

(iii) **Daily Status Concept** : According to daily status concept, a person was considered 'working' (or employed) for the entire day if had worked 4 hours or more during the day. If he had worked one hour or more but less than 4 hours, he was considered 'working' (or employed) for half day and 'seeking available for work' (unemployed) or 'not available for work' (not in labour force) for the other half of the day depending on whether he was seeking/available for work or not. On the other hand, if a person was not engaged in any 'work' even for one hour on the day but was seeking or available for 'work' for four hours or more, he was considered 'unemployed' for the entire day.

Economic Active Labour Force :

The 'employed' and 'unemployed' together constitute the labour force i.e. the available labour supply in the State or in other words, economic active population. The relevant estimates prepared are based on 43rd round of NSSO Central Sample data by usual Status approach. The percentage distribution of population 5 + by usual principal activity by sex and residence are as under :

Category	Total work force	Unemployed	Total Economically Active labour force
Rural Male	56.52	2.61	59.13
Rural Female	39.64	0.37	40.01
Urban Male	50.43	3.73	54.16
Urban Female	14.10	1.71	15.81

Assuming that the participation rates provided by 43rd round (July, 1987 - June, 1988) would not have undergone any significant change and applying them to the corresponding population projections, the labour force projections for March, 1990 to March 1997 according to sex and residence classifications were estimated. The labour force projections for Himachal Pradesh under usual Status Concept are given in table-2 below :

Table - 2

Economic Active Labour Force under Usual Status

(in lakh)

Year	Economic Active Labour Force
1989-90	24.43
1990-91	24.75
1991-92	25.05
1992-93	25.38
1996-97	26.70

Addition to Labour Force

1990-91	0.32
1991-92	0.30
1992-93	0.33
1992-97	1.65

Unemployment Situation :

In the present analysis, we have gone by the results of NSSO (43rd round). Estimates of unemployment are worked out on the basis of Usual Status Concept. Assuming that the rates of unemployment observed in the 43rd round would not have undergone any change, the estimates of unemployment in March, 1990 worked out to 0.81 lakh.

Perspectives for 1992-97 :

Projections of Labour Force in 1990, 1992 and 1997 (table 2) and estimates of Usual Status unemployment in 1990 reveal the overall magnitude of employment. The estimates are given below :

Table - 3

Backlog of Unemployment (1990) and net additions to Labour force 1990-92 and 1992-97-Usual Status basis.

Backlog of Unemployment as on March, 1990	Net additions to Labour Force	
	1990-92	1992-97
0.81	0.62	1.65

The backlog here takes note of long term unemployment. After taking into account the backlog of unemployment and net additions during 1990-92 and 1992-97 on the basis of 43rd round results, the total employment required to be generated would have been 3.08 lakh. In 1990-92 period, our development plans have generated continuing and construction employment opportunities of 0.46 lakh standard person years. Thus the backlog of employment at the beginning of Eighth Plan (1992-97) is 0.97 lakh. Table - 4 will clear the position :

Table - 4

Period	Employment in lakh Standard Person Years
(i) Backlog of unemployment as on March, 1990-91.	0.81
(ii) Addition to Labour Force during 1990-92.	0.62
(iii) Total Employment generation during 1990-92.	0.46
(iv) Backlog of unemployment at the beginning of 1992-97.	0.97
(v) Addition to Labour Force during 1992-97.	1.65
(vi) Total job requirement during 1992-97.	2.62

It would be seen that the total job requirement during the Eighth Plan period is around 2.62 lakh standard person years. The annual growth rate of employment based on Central Sample data of 32nd and 43rd round was 1.33 percent and for 38th and 43rd round was 1.39 percent.

Estimates of Job Availability :

While projecting the job availability during Eighth Plan period, the annual growth rate of employment thrown-up by the Central Sample of NSS data for 38th and 43rd round viz. 1.39 percent and the employment output norms have been used. Before discussing the methodology employed, it would be appropriate to discuss the shifts in the sectoral contribution to the State Domestic Product during the years 1982-83 and 1987-88 on which the growth rate of employment has been used. The sectoral percentage contribution to total State Domestic Product are depicted in the following table :

Table - 5

Sectors	Percentages to total State Domestic Product	
	1982-83	1987-88
Primary Sectors	46.93	38.69
Secondary Sectors	20.19	23.14
Tertiary Sectors	32.88	38.17
Total :	100.00	100.00

It would be seen that there has been a marked shift from the primary sector to secondary & tertiary sectors. Based on 43rd round of NSS, the work force worked out comes to 24.03 lakh persons, the industry-wise details are as under :

<u>Sector</u>	<u>Total Workers</u> <u>(in lakh)</u>
Agriculture	18.81
Mining and Manufacturing	1.15
Construction	1.46
Electricity, Gas & Water Supply	0.23
Transport & Communication	0.20
Rest of other Services	2.18
Total :	24.03

For estimating the job availability during the Eighth Plan period, employment output norms and the annual employment growth observed between 38th round and 43rd round which has been worked out at 1.39 percent has been used.

As regards agriculture sector, the absorption of labour force is not directly related to the contribution of this sector to the SDP. To arrive at more realistic estimates, the work force in this sector has been based on the ratio observed between population and work force engaged in agriculture sector during 1987-88. Estimates of job requirement have thus been worked out by applying the percentage of total agricultural workers to total population observed during 1987-88 and onwards on the assumption that the percentage distribution of workers does not undergo a change over the subsequent period. Accordingly, the total workers engaged in agriculture sector are 18.81 lakh which constitute 38.82 percent of the total population. Year-wise estimates of workers on the basis of this percentage has been given in table-6.

Table - 6

Year	Population	Estimates of workers in Agriculture Sector
1991	51.11	19.84
1992	51.77	20.10
1993	52.43	20.35
1994	53.10	20.61
1995	53.79	20.88
1996	54.48	21.15
1997	55.18	21.42

The employment output norms for sectors other than agriculture have been derived by taking industry-wise distribution of workers in 1987-88 and average sectoral output for three years viz. 1985-88. The figures of State Domestic Product are available for 1989-90 only.

The annual growth of State Domestic Product during the Seventh Plan period was 7.6 percent. For building-up realistic estimates, the average sectoral SDP during the Seventh Plan with 6 percent annual growth rate, the projected SDP for 1991-92 and the employment co-efficients were worked out. The details are given in the following table :

Table - 7

Sector	Average SDP in Rs.lakh (1985-88)	No. of Workers during 1987-88 (in lakh)	No. of Workers per Rs. crore of output	Projected SDP during 1991-92 (in crore)	Estimated Work force during 1991-92 (in lakh)
Agriculture	36723.36	18.81	--	--	20.10
Mining and Manufacturing	6479.12	1.15	1781	79.52	1.42
Construction	10403.33	1.46	1404	130.50	1.83
Electricity, Gas & Water Supply	1627.63	0.23	1398	23.29	0.33
Transport and Communication	1965.27	0.20	1041	24.52	0.26
Rest of Sectors	29172.51	2.18	747	356.25	2.66
All Sectors	86371.22	24.03			26.60

Assuming that the annual rate of growth of employment as observed during the 38th and 43rd round of NSS viz. 1.39 percent would not undergo any significant change during the Eighth Plan period, the likely employment generation emerges as under :

(In lakh person years)

1991-92	26.60
1992-93	26.97
1993-94	27.34
1994-95	27.72
1995-96	28.11
1996-97	28.50

Thus the additional employment likely to be generated during 1992-97 period would be of the order of 1.90 lakh standard person years thus leaving a backlog of 0.72 lakh persons at the end of Eighth Plan.

CHAPTER - IX

AGRICULTURE DEVELOPMENT IN HIMACHAL PRADESH

Agriculture being the largest single industry and main occupation of the people of Himachal Pradesh has an important place in the economy of the State. It provides direct employment to about 71 per cent of the main working population of the Pradesh. Income from the agriculture and allied sectors accounts for nearly 37.31 per cent of the total State Domestic Products. Out of the total 55.67 lakh hectare of area, a total number of 7.53 lakh holdings command an area of 9.80 lakh hectares according to 1985-86 Agricultural Census. The average holding size comes to 1.3 hectares. The holdings of less than one hectare accounts for more than half (61.5 per cent) of the total holdings. The small and marginal farmers put together account for 82.1 per cent here as the area commanded is 43.1 per cent. The small and marginal farmers form 17.2 per cent commanding an area of 47.2 percent. The large farmers constitute only 0.7 per cent covering an area of 9.7 per cent of area. The net cultivated area forms 17.2 per cent of total area according to village papers. The cropping intensity is 169 per cent.

STRATEGY FOR AGRICULTURE DURING FIVE YEAR PLANS & ANNUAL PLANS :

The strategy for the development of agriculture during the Sixth and Seventh Five Year Plans and earlier Plans has been to raise the economic standards of the farmers especially small and marginal, scheduled castes and scheduled tribes farmers through taking-up such schemes of production which provide maximum income per unit area per unit time to them. This was envisaged to be achieved through the distribution of high yielding varieties of improved seeds, adequate and timely supply of fertilizer, plant protection material and improved implements etc. Towards the last three years of the Sixth Five Year Plan the emphasis was, however, shifted to the development of dry land farming, development of pulses and oil seeds and establishment of bio-gas plants as an alternative source of energy. The earlier plans also laid greater stress on the development of cash crops like off-season vegetables and vegetable seeds, seed potato and ginger etc.

APPROACH TO EIGHTH FIVE YEAR PLAN (1992-97) :

At the National level, the following approach has been adopted for the development of agriculture :

- (a) Irrigation including intensive use of watershed management concept in rainfed/drought prone areas;
- (b) Export promotion of agriculture products;
- (c) Diversification of agriculture to horticulture and pisciculture, water management, wasteland development;
- (d) For all the Eastern States, agriculture will have to be given utmost priority to extend green revolution to the Eastern Region, higher productivity and better use of modern seed technology etc.

In view of the National approach for the development of Agriculture, the following strategy and programme thrust which would be adopted during the course of Eighth Plan in the State has been outlined as under :

- i) To increase per unit area production of food crops and diversification of area under un-economical minor crops towards cash crops like vegetable, potato and ginger. To maintain the existing area under major cereal crops, it is envisaged to bring additional area under cultivation through reclamation and use of culturable waste land.
- ii) Dissemination of technical know-how to the farmers through the time bound professionalised system of extension viz. training and extension.
- iii) Promotion of cultivation of cash crops like off-season vegetables and vegetable seeds.
- iv) Providing crop insurance cover to the major food crops in the State.
- v) Development of poor sections of society like Scheduled Castes and Scheduled Tribes and Antyodaya farmers through distribution of inputs to them on subsidised cost and intensification of technology, thereby providing employment at their own holdings.
- vi) Great emphasis on dry land farming practices such as

construction of water harvesting structures etc. on micro-watershed basis.

- vii) To lay-emphasis on soil conservation measures on agriculture land, improve the water management of farmers holdings.
- viii) To implement special rice production programme and special maize production programme effectively for increasing the production of maize and rice in Himachal Pradesh.
- ix) To increase production of seed potato and ginger and
- x) To accelerate the process of diversification of agriculture to horticulture, flouriculture, olericulture, vegetable seed production and pisciculture.

INVESTMENT IN AGRICULTURE :

The plan to plan share of investment in agriculture head of development is depicted in the following table :

(Rs. in Lakh)				
Sl. No.	Plan Period	Total Investment	Investment on Agriculture	Percentage of Agriculture Investment to Total
1.	2.	3.	4.	5.
1.	First Plan (1951-56)	527.25	21.70	4.12
2.	Second Plan (1956-61)	1602.60	67.10	4.19
3.	Third Plan (1961-66)	3384.47	247.00	7.30
4.	Annual Plan (1966-67)	946.05	48.55	5.13
5.	Annual Plan (1967-68)	1443.94	81.01	5.61
6.	Annual Plan (1968-69)	1595.19	102.19	6.41
7.	Fourth Plan (1969-74)	11342.97	699.21*	6.16

8.	Fifth Plan (1974-78)	16148.48	710.42	4.40
9.	Annual Plan (1978-79)	6810.17	282.00	4.14
10	Annual Plan (1979-80)	7945.36	335.66	4.22
11.	Sixth Plan (1980-85)	35566.00	1928.99	2.94
12.	Seventh Plan (1985-90)	132475.75	2931.00	2.21
13.	Annual Plan (1990-91)	37762.93	914.00	2.42
14.	Annual Plan (1991-92)- Anticipated Expenditure	41000.00	1304.00	3.18
15.	Eighth Plan (1992-97)- Pro.outlays	338720.18	9481.25	2.80
16.	Annual Plan (1992-93)- Pro.outlays	53453.78	1687.25	3.16

Note:* Investment including Agriculture, Education, Research, Warehousing and Marketing.

The above table reveals that the percentage of Agriculture investment to total plan investment is almost static during the different plan periods except during the Third and Fourth Plans. But the overall plan size for the development of Agriculture has increased from one plan period to another. The Sixties, however, saw an upward trend in the investments in this sector in view of the revolutionary changes in the R&D effort in this sector during the decade. The green revolution was not only witnessed in the neighbouring plains but also had some impact in Himachal Pradesh as well.

PHYSICAL TARGETS AND ACHIEVEMENTS DURING FIVE YEAR PLANS AND ANNUAL PLANS :

The physical targets and achievements under important programmes/ schemes in Agriculture are as under :

1. FOODGRAINS PRODUCTION :

Despite strenuous efforts made in the Seventh Plan to achieve the food-grains production target of 15 lakh tonnes, the actual foodgrains production touched the peak level of 13.69 lakh

tonnes in 1989-90. The production level remained in the vicinity of 11 to 12 lakh tonnes during 1985-89 except in the year 1987-88 when it dipped to 9.31 lakh tonnes due to severe drought and inclement weather conditions. The anticipated achievement level of foodgrains by the end of Annual Plan 1991-92 will be 13.93 lakh tonnes. It is proposed to achieve the foodgrains target of 15.54 lakh tonnes during the Eighth Five Year Plan (1992-97) period.

2. FERTILIZER USE :

The chemical fertilizer plays an important role in increasing agriculture production, particularly when associated with high yielding varieties which are responsive to high doses of fertilizers. During the Seventh Plan (1985-90), the level of achievements attained of chemical fertilizer was 32.71 thousand metric tonnes. The approved target level for the year 1991-92 is 38 thousand metric tonnes. It is proposed to achieve a target level of 50 thousand metric tonnes during the Eighth Plan (1992-97) period.

3. HIGH YIELDING VARIETIES :

With the advancement of farm technology, the high yielding varieties of major cereals like wheat, maize and paddy, etc. are being multiplied and distributed regularly with gained momentum. The foundation seeds of these varieties are multiplied at the Seed Multiplication Farms located in the State for further distribution among the farmers. A Seed Certification Agency has been established in the State. By the end of Seventh Plan (1985-90), 5.29 lakh hectare area was covered under high yielding varieties of major cereals viz. paddy, wheat and maize. The anticipated achievements under high yielding varieties for the Annual Plan (1991-92) and proposed target for the Eighth Plan and Annual Plan (1992-93) has been depicted in the following table :

Item/Cereal	Unit	Anticipated Achievement Annual Plan (1991-92)	Proposed Targets	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1. Rice :				
a) Total Cropped Area.	000' Hect.	95.00	95.50	98.00
b) Area Under HYV	000' Hect.	93.00	93.50	95.00

2. Wheat :				
a) Total Cropped Area	000' Hect.	370.00	370.00	375.00
b) Area under HYV	000' Hect.	360.00	365.00	370.00
3. Maize :				
a) Total Cropped Area	000' Hect.	315.00	316.00	320.00
b) Area under HYV	000' Hect.	102.00	110.00	120.00
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a) Total Area under Cereals.	000' Hect.	780.00	781.50	793.00
b) Total Area under H. Y. V.	000' Hect.	555.00	568.50	585.00
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4. DISTRIBUTION OF SEEDS :

During the Seventh Plan (1985-90); 226.02 thousand quintals of seeds (viz cereals, pulses and oil seeds) were distributed to the farmers. During the year 1990-91, 32.063 thousand quintals of seeds were distributed to the farmers. A target of 3290 M.T. distribution of seeds (viz. cereals, pulses, oilseeds and vegetables) has been fixed for the Annual Plan (1991-92) which will be achieved in full. Against this, a target of 3512 M.T. distribution of seeds has been fixed for the Annual Plan (1992-93) out of the total target of 19,970 M.T. proposed for the entire Eighth Plan (1992-97) period.

5. COMMERCIAL CROPS :

Under this programme, cultivation off-season vegetable and quality vegetable seeds are produced in respect of major commercial crops such as potato, ginger, soyabean, oilseeds and pulses etc. The physical achievements during the Annual Plan 1990-91 and anticipated achievements for the Annual Plan 1991-92 and proposed target for the Annual Plan (1992-93) and Eighth Plan (1992-97) has been depicted in the following table :

Item	Unit	Annual	Annual	Proposed Targets	
		Plan (1990-91) Ach.	Plan (1991-92) Ant.Ach.	Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.	6.

1. Potato :

a) Area	000 Hect.	16.000	16.000	16.200	17.000
b) Production	000 M.T.	115.000	125.000	130.000	160.000

2. Vegetables :

a) Area	000 Hect.	22.000	23.000	23.400	25.000
b) Production	000 M.T.	365.000	368.000	374.000	400.000

3. Ginger :

a) Area	000 Hect	2.850	2.850	2.900	3.000
b) Production	000 M.T.	2.900	2.900	2.950	3.200

4. Oil Seed Production.	000 M.T.	21.000	22.000	24.000	30.000
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6. IRRIGATION AND AGRICULTURE :

- Out of the total area under cultivation about half is possible to be brought under irrigation.
- Out of the total irrigable potential of about 3.5 lakh hectares, C.C.A. created so far is about 1.65 lakh hectares. Bulk of the potential created is under the minor irrigation schemes.
- In terms of targets for Eighth Plan, it is envisaged to create an additional potential of 24,500 hectares, along with the field channel development so that the capacity created optimally utilised.

d) For agriculture/ horticulture, the Eighth Plan strategies envisage further acceleration of the process of diversification by an integrated strategy for seed development, vegetable production, cash crops, horticulture, floriculture and increasing the value added content under pisciculture by intensifying the breeding of exotic trout fish in the State.

7. INTENSIVE USE OF WATER MANAGEMENT CONCEPT IN RAINFED/DROUGHT PRONE AREAS :

The State Government has launched a programme to conserve and recycle the rain water under dry farming technology. Under the dry land farming technology which has been introduced in the State, an area of 4.27 lakh hectare is likely to be covered by the end of the Annual Plan 1991-92. During the Annual Plan 1992-93, the total area to be covered would be 5,550 hectare and 27,800 hectare areas will be covered by the end of entire Eighth Plan (1992-97) period. Under this programme suitable dry land farming implements/ materials are also being distributed/provided to the farmers. In Himachal Pradesh, each mini-micro watershed has cultivated area of about 100 hectares and in 5 selected mini-micro watersheds, 500 hectare areas would be covered under dry land farming practices.

DIVERSIFICATION OF AGRICULTURE

The total geographical area of Himachal Pradesh is 55.67 lakh hectares. Out of this, the total cropped area is 9.82 lakh hectares, net area sown 5.83 lakh hectares, area sown more than once 3.98 lakh hectares & fallow land is 0.55 lakh hectares according to Annual Season and Crop Reports.

The total area under fruit crops in Himachal Pradesh has increased to about 1.56 lakh hectares by the end of Seventh Five Year Plan (1985-90). On an average 7,175 hectare area was brought under various kind of fruits annually. The trend is likely to continue during the Eighth Five Year Plan (1992-97); although emphasis on species is proposed to be revised suitably depending upon the availability of land, available agro-climatic potentials and market demand. The data presented in the table given below indicate the achievements made in the area plantation programme during the Seventh Five Year Plan, Annual Plan (1990-91), targets of plantation fixed for the Annual Plan (1991-92) and Eighth Five Year Plan (1992-97) :

Sl. No.	Name of Fruit	Seventh Plan (1985-90) Achievements		Annual Plan (1990-91) Achievements.	Annual Plan (1991-92) Targets	Proposed Targets	
		Total	Annual Average			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.	6.	7.	8.
1.	Apple	10148	2026.60	2788	1500	1500	7500
2.	Temprate Fruits.	4307	861.40	502	1300	1000	5000
3.	Nuts and Dry Fruits	2755	551.00	557	700	800	4000
4.	Citrus Fruits.	11061	2212.20	1142	2000	1700	8500
5.	Other Sub-Tropical Fruits.	7618	1523.60	1778	1500	2000	10000
Total		35889	7174.80	6767	7000	7000	35000

The additional 35,000 hectare areas under fruit crops during the Eighth Plan (1992-97) will come as a shifting trend from the following type of lands :

1. Cultivated Land.
2. Fallow lands other than the current fallows.
3. Culturable waste lands and
4. Pastures and grazing lands (Ghasnis).

Approximately, 21000 hectares (60%) of land out of the target of 35,000 hectares fixed for the Eighth Five Year Plan (1992-97) would come as a diversion from the existing cultivable crop lands while the balance 14,000 hectares (40%) will be developed for horticulture by using such categories of non-agricultural lands as culturable waste lands, permanent pastures and grazing lands and uncultivable lands. The technology of rainfed horticulture viz "In Situ Plantation," mulching, rain water harvesting etc, will be utilised while developing horticulture on marginal non-agriculture lands.

The main agricultural crop lands to be shifted for horticulture will be those currently in use for production of barleys/ grams, inferior millets and cereals being produced on marginal lands. However, since inter-cropping with short season crops is generally practiced in the newly planted orchards during the gestation period, which may range between 5-7 years, the shift in the agriculture areas to the horticultural crops will not affect the gross sown areas and the field crops production to any appreciable extent during the Eighth Five Year Plan (1992-97).

AREA UNDER PRINCIPAL CROPS :

By the end of Annual Plan (1990-91), 9.05 lakh hectare areas was brought under foodgrains cereals viz. Rice, Maize, Ragi, Millets, Pulses, Wheat, Barley and Gram in the Pradesh. Against this achievements, it is proposed to cover 9.22 lakh hectare total areas under these cereals by the end of Eighth Five Year Plan (1992-97). Thus, 17,000 additional hectare areas will be brought under different cereals during the Eighth Plan (1992-97). The areas under Ragi and Millets will almost remain static while the areas under Barley and Gram will decrease by 27,000 hectares (Barley 5,000 hectares and Gram 22,000 hectares) by the end of Eighth Five Year Plan (1992-97). The decreased 27,000 hectare areas of Barley and Gram will be shifted to high yielding varieties viz Rice, Wheat and Pulses and fruit crops etc. This reveals that the area under un-economic crops will shift to cash crops during the Eighth Five Year Plan (1992-97).

COMMERCIAL CROPS :

Under Commercial Crops viz Potato, Vegetables and Ginger, 40,850 hectares area was covered by the end of Annual Plan (1990-91). Against this, it is proposed to cover 45,000 total hectare area by the end of Eighth Five Year Plan (1992-97). As such, 4150 additional hectare area will be brought under commercial crops during the Eighth Plan (1992-97).

CHAPTER - X

DECENTRALISATION OF DEVELOPMENT PLANNING AND ADMINISTRATION :

Democratic decentralisation has assumed great significance these days in our country. The basic idea behind the concept of democratic decentralisation or administrative decentralisation is to minimise the burden of decision making at the apex- the highest central point authority of the administrative hierarchy, as also to ensure the greater involvement of the people in the planning process at the grass root level. Decentralisation allows maximisation of the delegation of responsibility, an authority in the making of decisions at the very bottom, notably the lower levels of administrative management. In that context, the system of decentralised planning, among other things, has to formulate the plans for the economic development of the area in an orderly arrangement of the most effective technique of utilising available resources and potentials in accordance with the accepted pattern of priorities, principles for raising production and securing the people a higher level of living. Therefore, the crucial importance of decentralised planning for a balanced, acceptable and meaningful development of our country has been recognised in the overall planning scenario. But it has not been an easy concept for operationalisation due to various constraints like the inadequacy of the planning machinery, lack of a uniform enthusiasm on the part of the States who were required to adopt it subsequently, and lack of the required statutory backup.

The first step towards decentralisation was taken in the light of experience of the first plan. The Planning Commission issued detailed directives to all State Governments for the preparation of state plans at various levels. District Planning was described as important both for the range of activities which it occupied and for the fact of association with the people at every level and the opportunity afforded to them to determine their needs and contribute towards their fulfilment. But these directives, issued during the second plan, remained unimplemented. The proposed purposeful and regular association could not be assured because no local institutions existed at any level from the village to the district. The official machinery for planning was confined to the State Headquarters. The third

plan emphasised the need for peoples participation and elaborated a methodology for preparing state plans on the basis of district and block plans. But the community development programme failed to develop planning capability at the local level. The trend remained towards centralisation. Attempts were made to develop the 3-tier panchayati Raj System based on the Balwant Rai Mehta Committee's recommendations and with it the idea of planning from below gained some currency. But these ideas did not pick-up nor were these operationalised as the Panchayati Raj Institutions in some States stagnated and declined after initial enthusiasm in their growth. The inadequacy of the planning capabilities was recognised as a major weak link in the chain and the fourth plan underlined the need for strengthening the planning machinery at the State level. A scheme for strengthening the planning machinery at the State level was launched by the Planning Commission and guidelines for district planning were issued in 1969. Since the Fifth Plan, a number of special area programmes came to be undertaken with some specialised agencies for their implementation. With the emphasis on anti-poverty programmes for the rural areas with the added thrust provision of basic minimum needs, employment opportunities and the house-hold oriented beneficiary programmes, the need for decentralised planning efforts came to be increasingly recognised. In November, 1977, the Planning Commission appointed a Working Group under the Chairmanship of Prof. M.L. Dantwala to draw-up guidelines for Block Level Planning. Another Committee on Panchayati Raj, headed by Shri Ashok Mehta, was appointed in December, 1977, both the committees reports confined itself to the I.R.D. programmes which became an isolated exercise without developing adequate links with higher levels of planning.

The experience gained during the last more than 30 years of planning has demonstrated that if decentralised planning has to be successful; it has to be backed-up by sound practices. The capabilities for decentralised planning have to be assiduously built-up on the right proceedings and suitable structure have to be evolved. Besides, necessary technical and administrative changes, including attitudinal changes, have to be brought about both in administration and at the policy making level.

CONCEPT OF DISTRICT PLANNING :

District planning is a kind of area based sub-state planning and arises from the need to supplement the national and state plan, with a more detailed examination of the resources, natural, human, financial and material, problem and potential of district so that investment programmes are more specifically

tailored to the particular needs of each district that could be evolved and implemented. In other words, district planning implies evolving a development scenario at the district level consistent with the specific needs of the people, the growth potentials of the area and the budgetary allocations available. In fact, the concept of district planning is a kin to the concept of integrated area planning. It assumed that the district is a sub-state decision making unit within the system of multi-level planning. In contrast to the national and state plans, the district plan would represent a multi-sectoral package of area specific investment proposals and institutional arrangements suited to a particular district in this context.

One of the principal objectives of district planning is to ensure that the problem of unemployment and under employment which is plaguing the planners from plan to plan is tackled more effectively and systematically at the grass root level. It would be easier to get an idea of the extent of unemployment and under employment at micro level than at macro level. The objectives, relevant to local level planning are :

- i) Increase in productivity and growth output.
- ii) Equitable distribution of the benefits of development.
- iii) Provision of the basic human needs to the target population.
- iv) Provision of gainful employment.
- v) Effective participation in decision making, especially by the poor.
- vi) Self reliance so that development could be self sustaining; and
- vii) maintenance of an ecological balance, without which the development of the present will be at the cost of development in the future.

This formulation would help to emphasise the component elements of a local development strategy and their inter-relations. A less simplified but limited construction of the objectives at the local level would :

- i) Increasing production
- ii) Reducing unemployment; and
- iii) alleviation of poverty.

STATUS OF DISTRICT PLANNING IN HIMACHAL PRADESH :

The State Government of Himachal Pradesh has started the decentralisation of planning process in the state: Firstly, it was thought that decentralisation would, however, be effected in a phased manner after analysing the structure adopted for distt. plan of Shimla as a model plan which inter-alia include :

- i) Scope and content of district plan.
- ii) Disaggregation of plan funds from the state to district level on appropriate criteria.
- iii) Establishment of suitable organisational frame work for district planning.
- iv) Effecting certain administrative decentralisation measures.
- v) Establishing a proper district planning unit at the state level, and
- vi) making arrangements for the training of personnel.

PILOT DISTRICT PLAN FOR SHIMLA DISTRICT :

On the behest of Planning Commission, Government of India, five districts in the country namely Shimla (Himachal Pradesh), Sitapur (Uttar Pradesh), Munger (Bihar), Nasik (Maharasta) and Tirunelveli-Kotla-bomman (Tamil Nadu) were selected for the formulation of comprehensive district plan on pilot basis. The modalities in this regards were worked-out in the seminar of State Planning Secretaries held for two days at National Institute of Rural Development, Hyderabad on 31st July, 1967 and

1st August, 1987. With a view to follow the uniform procedure for the formulation of district plans in the country, a training for a period of one week-from 16th May, 1988 to 22nd May, 1988, was organised at National Institute of Rural Development, Hyderabad. A team comprising of Additional Deputy Commissioner, Project Officer, D.R.D.A., Research Officer, Planning Cell and District Statistical Officer from Shimla District and Deputy Director Planning and Research Officer from the State Planning Department under the leadership of Deputy Commissioner, Shimla participated in the training.

Accordingly, the process for the preparation of Shimla district model plan for 1989-90 selected by the Planning Commission, Government of India, in consultation with the State Government, was started and draft district plan was formulated in collaboration with National Institute of Rural Development, Hyderabad under the overall supervision of Deputy Commissioner, Shimla. Prior to the formulation of model plan for Shimla district, a survey was conducted to collect basic data about various physical parameters at the village and block level which formed the resource inventory for the district. This resource inventory and also the data made available by various departments formed the basis of this plan. The schemes and programmes which were felt suitable to be taken-up for the district were included in the plan. The schemes/projects that involved two or more districts have been excluded from the model district plan.

The suitable structure adopted for the model district plan were analysed by the State Planning Department and comments thereon were communicated to the Planning Commission, Government of India and National Institute of Rural Development, Hyderabad for its critical examination; and detailed discussion was held in the seminar on 18th and 19th August, 1989 at Hyderabad. The outcome of the seminar is yet to come from the Planning Commission.

For stressing a great deal of decentralisation of planning process in the State, the Planning Department of the State Government has issued detailed guidelines for the formulation of succeeding Five Year Plans and Annual Plans at the district level. The basic guiding principles for this would continue to be growth, equity, social justice, self-reliance, improved efficiency and productivity. With these macro consideration in view, the broad objectives for the formulation of these plans would be as under :

- i) A significant growth in the primary sector of the economy.
- ii) Full utilisation of irrigation potential already created and maximum possible addition of irrigation facilities.
- iii) Alleviation of poverty and reduction in inter-class, inter-regional and rural urban disparities.
- iv) A higher rate of growth in industrial production with a new policy on efficiency.
- v) Improving the quality of life of the people in general with special reference to the economically and socially handicapped population through minimum needs programmes.
- vi) Eradication of unemployment by generally productive employment opportunities both for increasing the element of equity in the growth process and better utilisation of human resources.
- vii) Promoting policies of controlling the growth of population and attaining the long term goal of realising a non-reproduction rate of one, by 2,000 A.D.
- viii) Decentralisation of planning and public participation in the development.

As a step in the disaggregation of plan funds from the State to the districts, the Planning Department has identified the district sector schemes in close consultation with the heads of the departments.

The District-wise and scheme-wise allocations of plan funds for the year 1991-92 have been made available to each district planning cell in the districts for effective monitoring of plan schemes.

Besides this, the increasing focus on programmes aimed at alleviation of poverty and economic upliftment of poorer section of society has made credit planning an important and integral part of our planning at the grass root level. The assessment of the sizeable flow of institutional resources into the plan at the

district level will help to know about the actual investment in the various sectors of the economy at the district over and above the normal flow of outlays under district plans. The Credit Planning Officers posted in the districts have been assigned the task to assess the quantum of flow of institutional resources to the district.

Towards decentralisation, the Planning Commission has urged the State Government to take the following four important steps :

a) Effecting functional decentralisation :

This involves identification of the exclusive functions that must be planned and implemented at the district level. This procedure will help in defining the role of district planning structure.

b) Effecting financial decentralisation :

This is necessary in order that the District Planner is clearly aware of the funds likely to be available for district development.

c) The establishment of appropriate planning mechanism at district level .

This would include the setting-up of District Planning Boards/Councils, with appropriate composition and strengthening of the planning machinery at the district level and

d) The establishment of appropriate budgetting and procedures.

In order to ensure adequate involvement of the people's representatives in the decision making process, District Level Antyodaya, Development and Public Grievances Redressal Committees have been reconstituted by merging District Planning and Development Committees, District 20- Point Programme Review Committees and the Grievances Redressal Committees. The reconstituted Committees have the following composition :

NON-OFFICIAL MEMBERS :

1. All the M.L.A.s of the district.
2. Chairmen of all panchayat samities.
3. President and general secretary of the party in power in the State.
4. President of Mandal/Legislative Assembly areas.
5. One women representative of the district (to be nominated by the government from time to time).
6. A representative of the ex-servicemen of the district (to be nominated by the government from time to time).
7. A representative of scheduled castes/scheduled tribes of the district (to be nominated by the government from time to time).
8. A representative of the Bar Association of the district (to be nominated by the government from time to time).
9. President of the District Youth Wing of the party in power in the State,
10. President of the Beopar Mandal of the district.

OFFICIAL MEMBERS :

- | | |
|--|---------------|
| 1. The minister concerned of the area | CHAIRMAN |
| 2. The Deputy Commissioner | VICE-CHAIRMAN |
| 3. Superintending Engineer/PWD/Irrigation and Public Health/State Electricity Board. | MEMBER |
| 4. Chief Medical Officer | MEMBER |
| 5. Deputy Director (Agriculture)/District Agriculture Officer | MEMBER |
| 6. All Sub-Divisional Officers (Civil) | MEMBER |
| 7. General Manager, District Industries Centre. | MEMBER |

8. District Controller, Food and Supplies	MEMBER
9. Assistant Registrar, Coop. Societies	MEMBER
10. District Education Officer, Higher / Middle/Primary Schools.	MEMBER
11. District Horticulture Officer.	MEMBER
12. District Welfare Officer.	MEMBER
13. District Animal Husbandry Officer.	MEMBER
14. District Employment Officer.	MEMBER
15. District Manager SCs/STs Corpn.	MEMBER
16. All the Block Development Officers in the district.	MEMBER
17. Lead Bank Officer in the District.	MEMBER
18. Divisional Area Manager, H.R.T.C.	MEMBER
19. District level officers of boards and corporations.	MEMBER
20. Additional Deputy Commissioner	MEMBER SECRETARY

This apex body functions as the policy planning council at the district level to give directions to the administrative and technical personnel besides overseeing the implementation in terms of monitoring and review.

For the formulation of district plans, review and monitor the schemes being implemented in the districts and also to fulfil the functional needs of District Level Antyodaya, Development and Public Grievances Redressal Committee, an executive body comprising of Deputy Commissioner of the district as chairman and heads of district offices as members has been formed in each district of the State except tribal districts.

For the formulation of district plan at the district level, a District Planning Cell has been constituted. The staff structure under the control of Deputy Commissioner as sanctioned by the Planning Commission, is as under :

i) A.D.C./A.D.M.	Chief Planning Officer
ii) Research Officer/Economist	One
iii) Credit Planning Officer	One
iv) Technical Assistant./ Junior Statistician.	One
v) Assistant	One
vi) Steno-Typist	One
vii) Peon	One

FUNDS FOR LOCAL DISTRICT PLANNING BY THE DEPUTY COMMISSIONERS :

In order to take effective steps in the process of decentralisation of planning in Himachal Pradesh, the concept of untied funds for Local District Planning has been introduced for all the districts except tribal areas (where it has been in vogue as Nucleus Budget concept since 1979-80) to be indicated by the Deputy Commissioners on the recommendations of District Level Antyodaya, Development and Public Grievances Redressal Committee for local development works of important nature for which adequate normal and specific provisions are not available in the budget. The scheme was put into operation during 1984-85 and has been considerably expanded now.

Each scheme to be sanctioned under this concept is required to benefit at least five house-holds. The maximum limit of expenditure from the resources provided for the local development works for individual scheme has been raised from Rs. 25,000/- to Rs. 50,000/- during the year 1989. The funds are allocated to the districts at the rate of 60 percent on the basis of population and 40 percent on the basis of area. Under the newly introduced scheme of "Gaon bhi apna, kaam bhi apna" voluntary contributions have also been invited.

For the effective implementation of Local District Planning programme in Himachal Pradesh, the State Government has notified the Himachal Pradesh Local District Planning Rules-1987 on 4th March, 1989.

Under Local District Planning Head, an outlay of Rs. 984 lakh has been approved for 1991-92. A plan provision of Rs. 1000 lakh has been proposed for the 1992-93 Annual Plan and Rs. 10,000 lakh has been kept under this head in the Eighth Plan 1992-97 of the State.

A statement showing the quantum of proposed allocation under the District Plans is exhibited in the attached statement D.P.

CHAPTER - X I

INVESTMENT SCENARIO DURING EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93)

While finalising the Approach to Eighth Five Year Plan, the Planning Commission has emphasised the need in terms of :

- a) Clear Prioritisation of sectors/ Projects for intensive investment in order to facilitate operationalisation and implementation of the policy initiatives taken in the areas of fiscal trade and industrial sectors and human development;
- b) Making available the resources for these priority sectors and to ensure effective utilisation of these resources and
- c) Creation of appropriate organisation and delivery system to ensure that the benefits of investments in the social sectors reach the intended beneficiaries.

With the above approach, the Plan Formulation is expected to ensure that :

- a) People's initiative and participation is made a key element in the process of development; and
- b) Poverty alleviation strategies must have emphasis on population control, employment generation and provision of minimum needs of health care, literacy, drinking water, rural roads and rural energy.

In terms of objectives of the Eighth Plan, the priority sectors listed are :

I. ECONOMIC DEVELOPMENT :

- a) Energy including rural electrification;
- b) Transport
- c) Communications;
- d) Continuous emphasis on agriculture both for increasing production of food-grains, pulses, horticulture etc.

II. HUMAN DEVELOPMENT :

- a) Employment Generation
- b) Population Control
- c) Literacy and universalisation of primary education;
- d) Minimum health care and
- e) Providing drinking water in every village.

III. AGRICULTURAL DEVELOPMENT :

- a) Irrigation including intensive use of water shed management concept in rainfed/ drought prone areas.
- b) Export promotion of agricultural products.
- c) Diversification of agriculture to horticulture and pisciculture, water management and waste land development.

The objectives and programme thrust enunciated above reveals that the solution to the problems of poverty, unemployment and under-employment, reduction in the disparities in the levels of income and consumption, inter-regional disparities, development of infrastructural base can only be found in the frame work of rapidly expanding economy. This is possible by efficient use of the scarce financial resources and achieving an annual growth-rate of around 6 percent. The formulation of State's Eighth Five Year Plan 1992-97 has followed, by and large, the frame work of the objectives of the National Plan with adjustment necessitated by local needs and conditions.

The Annual Plan 1991-92 forms the base for the formulation of Eighth Five Year Plan (1992-97) and Annual Plan (1992-93). The approved Annual Plan 1991-92 outlays is Rs. 410 crore.

The incremental capital-output ratio (ICOR) is an indicator of the efficiency of investment. It is also used to estimate the investment required for achieving a particular growth in the economy. In the absence of firm indicative data on private sector investment a crude estimate of public sector investment to State income during the Seventh Plan works out at 4.4 per unit of output. However, at all India level, incremental capital output ratio is assumed to remain at 4.1 which is more or less the same in the Seventh Plan. Keeping in view the longer gestation period of the schemes absorbing a significant share of the investment as also in relatively much lower efficiency of

capital in hilly terrain, a crude ICOR of 4.4 is being assumed for the State for estimating the investment requirements for the Eighth Five Year Plan. The requirement of investment to achieve a growth rate of 6 percent has thus been worked out as under :

	(Rs. in Lakh.) (at 1989-90 prices)
1. Base year income (1989-90 prices)	1,99,912.58
2. Annual targetted growth rate during the Eighth Five Year Plan (1992-97)	6.0 %
3. Projected income during 1991-92	2,24,621.76
4. Additional income at the end of 1992-93.	13,477.30
5. Additional income at the end of 1992-97	75,972.80
6. Investment requirement during Eighth Plan in the assumed ICOR of 4.4	3,34,280.32 or say 3343 crore
7. Investment requirment during 1992-93 in the assumed ICOR of 4.4	59,300.12 or say 593 crore

The second alternative to determine the required investment during the Eighth Plan is to inflate the base year Annual Plan outlay of Rs. 410 crore by 20 percent (15 percent for nutralisation of inflation and 5 percent growth in investment). The year-wise investment outlay works-out as under :

		<u>Rs. in crore)</u>
Approved Annual Plan outlay	1991-92 =	410
	1992-93 =	492
	1993-94 =	590
	1994-95 =	708
	1995-96 =	850
	1996-97 =	1020
	TOTAL =	----- 3660 -----

The third alternative is to use the percentage increases allowed by the Planning Commission annually over a five year period viz 15 percent, 18 percent, 20 percent, 22 percent and 25 percent. Accordingly, the total investment during the Eighth Plan period works out to Rs. 3528 crore.

With these three parameters in view and after detailed discussions with the plan implementing departments, a modest plan size of the Eighth Plan has been determined at Rs. 3387 crore and Annual Plan 1992-93 at Rs. 534.54 crore. This takes care of committed expenditure on ongoing schemes, externally aided projects, centrally sponsored schemes, minimum needs programme and the new starts keeping in view the approach and strategies to be followed during the Eighth Plan period.

To achieve a targetted growth rate of 6 percent, the proposed investment of Rs. 3387.20 crore has been distributed as under :

Sector	(Rs. in Crore)	
	Proposed Eighth Plan (1992-97)	Proposed Annual Plan (1992-93)
a) Economic Services	2304.59	361.87
b) Social Services	1030.47	164.49
c) General Services	52.14	8.18
TOTAL :	3387.20	534.54

It would be seen that the total Eighth Plan investment has been kept more or less lower than the allowable limits of the three parameters stated above. However, the Annual Plan 1992-93 which has been determined at Rs. 534.54 crore does not satisfy the last two parameters. The justification for this higher allocation during Annual Plan 1992-93 is reflected when we compare it with the current years allocation. The comparative picture is depicted below :

Sector.	(Rs. in Crore)		
	Approved Annual Plan (1991-92) <i>outlay</i> 2.	Proposed Annual Plan (1992-93) <i>outlay</i> 3.	Percentage increase 4.
1			
a) Economic Services	286.05	361.87	26.5
b) Social Services	117.18	164.49	40.3
c) General Services	6.77	8.18	20.82
TOTAL :	410.00	534.54	30.4

In the Economic Services sector, the higher investment has gone in the power, forestry, agriculture and road and road transport sectors which is in line with the programme thrust enunciated in the approach paper. Like-wise in the social services sector higher allocation was necessitated in the core sectors of minimum needs programme for (i) universalisation of primary education, (ii) safe drinking water supply in all the villages -during 1992-93, (iii) minimum needs of health care including population control measures, (iv) Rural Sanitation and (v) Housing needs.

The committed externally aided component of Annual Plan 1991-92 is Rs. 120.60 crore. This outlay has been estimated at Rs. 148.50 crore during 1992-93 and Rs. 929.11 crore during the Eighth Plan period.

SECTORAL PROGRAMMES.

A. ECONOMIC SERVICES

1. AGRICULTURE AND ALLIED ACTIVITIES

A. Crop Husbandry

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	4791.02
Actual Expenditure Annual Plan (1990-91)	1521.51
Approved outlay Annual Plan (1991-92)	2000.00
Anticipated Exp. Annual Plan (1991-92)	2000.00
Proposed outlay Annual Plan (1992-93)	2663.25
Proposed outlay Eighth Plan (1992-97)	14103.25

Crop Husbandry Sector comprises sub-sectors Agriculture, Horticulture and Dry Land Farming. The sub-sector-wise details of the schemes are as under :

(a) AGRICULTURE :

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	2764.30
Actual Expenditure Annual Plan (1990-91)	939.73
Approved outlay Annual Plan (1991-92)	1279.00
Anticipated Exp. Annual Plan (1991-92)	1279.00
Proposed outlay Annual Plan (1992-93)	1657.25
Proposed outlay Eighth Plan (1992-97)	9301.25

Agriculture being the single largest industry and main occupation of the people of Himachal Pradesh has an important place in the economy of the State. It provides direct employment to about 71% of the main working population of Pradesh. Income from the agriculture and allied sectors accounts for nearly 37.31 percent of the total State Domestic Product. Out of the total 55.67 lakh hectares of area, a total number of 7.53 lakh holdings command an area of 9.80 lakh hectares (According to 1985-86 Agricultural Census). The average holding size comes to 1.3 hectares. The distribution of land holdings according to 1985-86 Agricultural Census is depicted in the following table :

Size of Holdings (Hectares)	Category	No. of Holdings (in '00s)	Area '00 (Hects.)	Average size of Holdings.
1.	2.	3.	4.	5.
Below 1.0	Marginal	4634 (61.5)	2006 (20.4)	0.4
1.0 - 2.0	Small	1553 (20.6)	2226 (22.7)	1.4
2.0 - 4.0	Semi-Medium	922 (12.4)	2547 (26.0)	2.8
4.0 - 10.0	Medium	364 (4.8)	2077 (21.2)	5.7
10.0 & above	Large	56 (0.7)	946 (9.7)	16.8
		7529 (100)	9802 (100)	1.3

It would be seen that the holdings of less than one hectare account for more than half (61.5 percent) of the total holdings. The small and marginal farmers put together account for 82.1 percent and the area commanded is 43.1%. The semi-medium and medium farmers form 17.2% commanding an area of 47.2 percent. The large farmers constitute only 0.7% covering an area of 9.7 percent. In terms of agro-climatic zones, the entire Pradesh consists of :

- i) Sub-Mountain and low hills, sub-tropical Comprising of uplands of parts of Chamba, Kangra, Hamirpur, Solan, Sirmaur and Bilaspur districts;
- ii) The Mid hills, Sub humid : Comprising of parts of Chamba, Kangra, Mandi, Solan, Shimla and Sirmaur districts;
- iii) High hills - temperate wet : Comprising of parts of Chamba, Kangra, Mandi, Sirmaur district and inner most of Shimla and Kullu districts;
- iv) High hills - temperate and dry : Comprising of major parts of Chamba and Kinnaur, entire Lahaul & Spiti and northern parts of Kullu district.

The net cultivated area forms 17.2 percent of total area according to village papers. The cropping intensity is 169 percent. As a result of various agricultural production programmes during the Seventh Plan and earlier Five Year Plans, the State has achieved a high level of farm productivity. The strategy for the development of agriculture has been to rise the economic standards of the farmers especially small and marginal farmers,

scheduled castes and scheduled tribes farmers through such schemes of production which provide maximum income per unit area and time to them. This was envisaged to be achieved through the distribution of high yielding varieties of improved seeds, adequate and timely supply of fertilizers, plant protection material and improved implements and diversification of traditional agriculture.

Seventh Five Year Plan Achievements :

During the Seventh Five Year Plan, emphasis were laid on increasing the food grain production by timely and adequate supply of inputs like fertilisers, improved seeds, pesticides and improved implements to the farmers. The strategy gradually shifted to providing adequate means of irrigation by undertaking construction of water harvesting structures and undertaking adequate soil conservation measures like land development etc. For this purpose 27 micro-watersheds have already been identified in the State and intensive development of Agriculture in these micro-watersheds has been taken-up. The Department of Agriculture has also greatly widened the scope for the development of oil seeds and pulses through the distribution of minikits of improved seeds of these crops. Greater emphasis is being laid on dry land farming in the State in view of the fact that about 80% of the area is rainfed. The emphasis is being laid on dry land farming technology on the farmers fields by (1) conservation of soil moisture by recommending immediate ploughing of fields just after harvesting of Kharif crops (2) use of improved implements such as seed cum fertilisers drills and (3) use of drought resistant varieties of seeds of crops like Mash, Toria, (DK-1) variety, Arkal peas in the mid hills. In order to provide cash income to the farmers at their holdings, emphasis is laid on the cultivation of off-season vegetables and vegetables seeds, where-ever irrigation facilities are available. There has been a substantial increase in the production of Beans, like French Beans and Rajmash etc., in the Pradesh. The cultivation of these crops has provided good cash income to the farmers. With a view to disseminate latest technology to the farmers in the Pradesh, a World Bank aided project of Training and Extension has been introduced in the Pradesh since 1987-88.

The scheme-wise performance of agriculture sector as a whole is given in the following paras :

1. Foodgrains Production :

Despite strenuous efforts made in the 7th Plan to achieve the foodgrain production target of 15 lakh tonnes, actual foodgrain production touched the level of 13.69 lakh tonnes, in 1989-90. The production level remained in the vicinity of 11 to 12 lakh tonnes during 1985-89 except in the year 1987-88 when it dipped to 9.31 lakh tonnes due to severe drought and inclement weather conditions.

2. Fertilizer Use :

Chemical fertilizer plays an important role in increasing agricultural production, particularly when associated with high yielding varieties which are responsive to high doses of fertilizers. Sustained and dedicated efforts made to popularise the use of fertilizers have made the farmers fertilizer minded and demand for fertilizer is catching-up appreciably. The following table gives an account of the achievements made in the fertilizer consumption during the Seventh Plan period :

Item	Nutrients Consumption in '000 metric tonnes				
	1985-86	1986-87	1987-88	1988-89	1989-90
1.	2.	3.	4.	5.	6.
1. Nitrogen	17.798	19.225	18.165	22.219	23.620
2. Phosphatic	3.434	4.063	4.104	4.672	5.272
3. Potassic	2.432	2.824	2.976	3.407	3.819
Total :	23.664	26.112	25.245	30.298	32.711

3. High Yielding Varieties :

With the advancement of farm technology, the high yielding varieties of major cereals viz wheat, maize and paddy are being multiplied and distributed regularly. The foundation seeds of these varieties are multiplied at the departmental farms located in the State for further distribution amongst the farmers, for which a seed certification agency has been established in the State. The coverage given to this programme during Seventh Plan is depicted in the following table :

High Yielding Crop	Area Covered in '000 Hectares				
	1985-86	1986-87	1987-88	1988-89	1989-90
1.	2.	3.	4.	5.	6.
1. Maize	89.750	90.541	92.424	96.300	100.000
2. Paddy	90.250	90.500	65.000	82.000	91.500
3. Wheat	315.000	320.000	275.010	335.000	337.000

4. Plant Protection :

With a view to increase the productivity of crops, it is of paramount importance that the crops are saved from crop diseases, pests and insects. During Kharif and Rabi seasons adequate stocks of plant protection material continued to be arranged in time for distribution to farmers throughout the Pradesh. As a result of these measures, the achievements are as under :-

Items	Unit	1985-86	1986-87	1987-88	1988-89	1989-90
1.	2.	3.	4.	5.	6.	7.
Consumption of Pesticides	Tonnes	305.00	233.49	175.00	218.00	225.00
Area Covered	'000 Hect	346.67	359.32	415.00	416.00	418.00

During the Seventh Five Year Plan (1985-90) Rs. 2764.30 lakh was spent on different schemes of crop husbandry of Agriculture. The actual expenditure incurred under this head during the year 1990-91 was of the order of Rs. 939.73 lakh.

Approach During The Eighth Five Year Plan :

The Strategy and programme thrust which would be adopted during the course of Eighth Plan has been outlined as under :-

- i) Making agriculture a more stable and productive occupation through expansion of irrigation and other related facilities;
- ii) More equitable access to resources and inputs within the rural society;
- iii) Raising the productivity of rainfed agriculture in arid and semi arid tracts as well as in the medium and high rainfall zones;
- iv) Remunerative prices to the farmers in general and diversification of agriculture into more remunerative enterprises;
- v) Emphasis will be laid on sensitivity to employment, regional dimensions of agricultural growth and modernisation and
- vi) Ensuring fair rewards and well being of the rural labour.

This inter alia demands :

- i) Adequacy in terms of orientation, resources and results of programmes especially in relation to rainfed agriculture ;
- ii) A critical assessment of the programmes for dry land agriculture particularly in the light of ongoing water shed projects and evolving a more effective research and action strategy for these areas;
- iii) Removal of constraints on productivity growth under rainfed cultivation in relation to high rainfall areas and;
- iv) Accelerate performance of irrigated area in terms of water use and growth in productivity.

The Annual Plan 1991-92 outlay in respect of crop husbandry was approved for Rs. 1279 lakh which will be utilised in full. Against this, an outlay of Rs. 1657.25 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 9301.25 lakh proposed for the Eighth Plan periods.

The scheme-wise details are as under :

1. Direction and Administration :

It is a continuing scheme from the Seventh Plan mainly consisting of Staff at the district and headquarters. Against the Plan outlay of Rs. 25 lakh for the year 1991-92, an outlay of Rs. 30 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 200 lakh proposed for the Eighth Plan.

2. Multiplication and Distribution of Seeds/Agricultural Development Farms :

Under this scheme seed multiplication farms, seed stores, seed certification laboratories and subsidy on transportation of cereals is provided. Against an outlay of Rs. 55 lakh for the Annual Plan 1991-92 an outlay of Rs. 73 lakh has been proposed for the year 1992-93 out of Rs. 450 lakh proposed for the Eighth Plan. The schematic details of which are as under :-

(Rs. in Lakh)			
Name of the Scheme	Approved Outlay Annual Plan 1991-92	Proposed Outlay	
		Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.
1. Development of seed multiplication Farms	11.50	15.00	100.00
2. Construction of seed stores.	1.00	3.00	15.00
3. Seed testing/certification laboratory-Grant-in-aid.	5.00	10.00	50.00
4. 100% subsidy on transportation of cereals & 50% subsidy to SC's/ST's farmers.	16.00	20.00	135.00
5. Improvement of Rice under foodgrain production programme	21.50	25.00	150.00
Total:-	55.00	73.00	450.00

The physical achievements and targets under multiplication and Distribution of Seeds Scheme has been depicted in the following table:

Scheme/Item	Unit	Anticipated Achievements for Annual Plan 1991-92	Proposed Targets	
			Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.
<u>Distribution of Seeds :</u>				
1. Cereals	MT	3100	3300	18900
2. Pulses	MT	120	130	660
3. Oilseeds	MT	60	70	350
4. Vegetables	MT	10	12	60
Total :		3290	3512	19970

3. Manure & Fertilizer :

Fertilizer is a single main input which help in increasing production to great extent. Starting from demonstration level in late fifties and early sixties when fertilizer was introduced in Himachal Pradesh, the level of fertilizer consumption has increased from 23664 tonnes in 1985-86 to 32711 tonnes in 1989-90. It is likely to touch the level of 50,000 MT by the end of Eighth Plan. The fertilizer consumption targets proposed for the Annual Plan 1992-93 is 40,000 MT. The year-wise actual consumption of the fertilizer in the State during the Seventh Five Year Plan and Annual Plan (1990-91) and target for 1991-92 and proposed target for the Annual Plan 1992-93 and Eighth Plan (1992-97) are depicted as under :

Year	Unit	Chemical Fertilizers			
		Nitrogenous (N)	Phosphatic (P)	Potassic (K)	Total
1.	2.	3.	4.	5.	6.
1985-86	MT	17778	3434	2452	23664
1986-87	MT	19225	4063	2824	26112
1987-88	MT	18165	4104	2976	25245
1988-89	MT	22219	4672	3407	30298
1989-90	MT	23620	5272	3819	32711
1990-91	MT	24890	5669	4043	34602
1991-92	MT	28250	5500	4250	38000 (T)
1992-93	MT	29600	5800	4600	40000 (P)
1992-97 (terminal)	MT	37000	7000	6000	50000 (P)

For the Annual Plan 1991-92 an outlay of Rs. 172.50 lakh has been approved to implement the various schemes under head Manure and Fertilizer. Against this, an outlay of Rs. 300 lakh has been proposed for the Annual Plan 1992-93 out of total proposed outlay of Rs. 4445 lakh for the entire Eighth Plan periods. The Scheme-wise break-up of these outlays are depicted as under :

Head/Scheme	Approved outlay Annual Plan 1991-92	Proposed Outlay	
		Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.
<u>Manure and Fertilizer :</u>			
1. Distribution of fertilizer	158.50	275.00	4325.00
2. Soil Testing Centre	5.00	10.00	40.00
3. Soil Testing Centre Kinnaur	1.00	2.00	10.00
4. Quality Control of Inputs.	0.30	1.00	10.00
5: National Project of Development of Fertilizer	1.00	2.00	10.00
6. Opening of additional outlays	6.70	10.00	50.00
Total :	172.50	300.00	4445.00

The details of the some important programmes of this scheme under implementation in the Pradesh are as under :

(i) DISTRIBUTION OF FERTILIZER :

With a view to provide fertilizers to the farmers at a reasonable and equitable rates through out the State, 100% subsidy on transportation of fertilizers is being given to the farmers, besides, subsidy on cost of fertilizers. With a view to make the fertilizers available to the farmers in the State timely and adequately, a number of Cooperative and others Governement institutions have been involved in the procurement and distribution business in Himachal Pradesh. The major work of fertilizers procurement and distributions has been entrusted to the Cooperative department who distributes fertilizer through the State Cooperative Federation and Primary cooperative societies which have been established in the villages through out the State. The institution like HPMC and Agro-Industries Corpoaration have also been granted licence to deal with the procurment and distribution business of fertilizer in the State. At present, there are 3042 sale centres in the State through which fertilizers is distributed to the farmers. It is proposed to open 50 additional centres in the Pradesh during the Annual Plan 1992-93. For this purpose Rs. 158.50 lakh was approved for the Annual Plan 1991-92. Against this, Rs. 275 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 4325 lakh proposed for the Eighth Plan period under this scheme.

(11) SOIL TESTING LABORATORY :

At present about 55895 Soil samples are analysed annually. It is proposed to analyse 68,000 soil samples during 1992-93. A central Laboratory for analysis of soil samples and nutrient analysis has been established at Shimla. It is proposed to set-up another laboratory at Solan during the Annual Plan 1992-93. For this purpose, Rs. 5 lakh was approved during Annual Plan 1991-92. Against this, an outlay of Rs. 10 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 40 lakh proposed for the Eighth Plan periods.

4. High Yielding Varieties :

The main objective of this scheme is to increase the intensity of farm production by promoting cultivation of High Yielding Varieties under intensive pattern of farming so that maximum farm production per unit area may be obtained. In order to increase the production per Unit area, emphasis would also be laid on development of minor irrigation and water management and water harvesting etc. This programme is being carried out in the districts namely Kangra, Mandi, Una and Hamirpur. For the Annual Plan 1991-92 Rs. 17 lakh was approved under this scheme. Against this, an outlay of Rs. 20 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 100 lakh proposed for the Eighth Plan periods.

The physical anticipated achievements under the High Yielding Varieties for the Annual Plan 1991-92 and proposed target for the Eighth Plan and Annual Plan 1992-93 has been depicted in the following table :

item	Unit	Anticipated	Proposed Targets	
		Achievements Annual Plan 1991-92	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.
1. Rice				
a) Total Cropped Area	000 Hect.	95.00	95.50	98.00
b) Area under HYV	000 Hect.	93.00	93.50	95.00
2. Wheat				
a) Total Cropped Area	000 Hect.	370.00	370.00	375.00
b) Area under HYV	000 Hect.	360.00	365.00	370.00
3. Maize				
a) Total Cropped Area	000 Hect.	315.00	316.00	320.00
b) Area under HYV	000 Hect.	102.00	110.00	120.00
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a) Total area under cereals	000 Hect.	780.00	781.50	793.00
b) Total area under HYV	000 Hect.	555.00	568.50	585.00

## 5. Plant Protection :

Under this scheme an outlay of Rs. 23 lakh has been approved for the year 1991-92. Against this provision, an outlay of Rs. 30 lakh for the Annual Plan 1992-93 and Rs. 170 lakh for the entire Eighth Plan period has been proposed. This programme covers the following two schemes. The break-up of these outlays are as under:

(Rs. in lakh)			
Name of the Scheme	Approved outlay Annual Plan 1991-92	Proposed Outlay	
		Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.
1. Plant Protection )		22.00	130.00
2. Control of Pests )			
and diseases of )	23.00		
Agr. Importance )		8.00	40.00
(50:50) )			
<b>Total :</b>	<b>23.00</b>	<b>30.00</b>	<b>170.00</b>

These are continued schemes and the provision kept for meeting the expenditure on transportation and subsidy on the cost of plant protection material. During the year 1991-92, a target of 440 thousand hectares under foodgrains and commercial crops has been fixed. It is proposed to cover an area of 447 thousand hectares under food-grains and commercial crops during 1992-93 and 475 thousand hectares during the Eighth Plan period. The outlay for scheme of control of pests and diseases in agricultural importance is only to the tune of 50% which is running on 50:50 sharing basis by the State and Centre Government and complete provision has been kept in the State Plan. The plant protection material to SC/ST and Antyodaya families are to be supplied at 50% cost.

## 6. Commercial Crops :

Under this programme cultivation of off-season vegetables and quality vegetable seeds are produced in respect of major commercial crops such as Potato, Ginger, Soyabean and Oilseeds, pulses etc. etc. During the Annual Plan 1991-92 an outlay of Rs. 210 lakh was approved for various programmes being implemented under this scheme. Against this, an outlay of Rs. 170 lakh has been proposed for the Annual Plan 1992-93 and of Rs. 1020 lakh proposed for the Eighth Plan. The scheme-wise financial break-up under this programme has been given in the following table :

(Rs. in lakh)

Name of the Scheme	Approved outlay Annual Plan 1991-92	Proposed Outlay	
		Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.
1. Dev. of Seed Potato	15.00	25.00	150.00
2. Support Price to Potato	100.00	40.00	310.00
3. Prod. of Seed Potato in Tribal Areas	8.00	10.00	60.00
4. Dev. of Vegetables including farms	9.40	15.00	80.00
5. Dev. of Ginger and other species	3.00	5.00	30.00
6. Dev. of Soyabean, Sunflower, Pulses and Oilseeds.	4.00	6.00	40.00
7. GIA to Potato Dev. Board	0.10	2.00	10.00
8. Crop Insurance	5.00	10.00	50.00
9. National Oil Seed Dev. Project (50:50)	5.50	7.00	40.00
10. Tissue culture lab (under IHDP)	10.00	-	50.00
11. Special scheme for the developement of vegetable and veg. seed on a Registered Society Pattern	25.00	25.00	125.00
12. Special scheme for the dev. of Safforn on a Registered Society Pattern	25.00	25.00	75.00
<b>Total :</b>	<b>210.00</b>	<b>170.00</b>	<b>1020.00</b>

The physical targets approved for the Annual Plan 1991-92 and proposed target for the Annual Plan 1992-93 and Eighth Plan under Commercial Crops has been depicted in the table given below :

Item	Unit	Anticipated Achievements Annual Plan 1991-92	Proposed Targets:	
			Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.
1. Potato				
a) Area	000 Hect.	16.000	16.200	17.000
b) Production	000 MT	125.000	130.000	160.000
2. Vegetable				
a) Area	000 Hect.	23.000	23.400	25.000
b) Production	000 MT	368.000	374.000	400.000
3. Ginger				
a) Area	000 Hect.	2.850	2.900	3.000
b) Production	000 MT	2.900	2.950	3.200
4. Oil Seed Production	000 MT	22.000	24.000	30.000

#### 1. Development of Vegetables including Farms :

Himachal Pradesh has gained reputation for the cultivation of off-season vegetables and production of quality vegetable seed. There is a great demand of off-season vegetables in the plains. The ongoing programme i.e. cultivation of off-season vegetables and production of vegetable seed is proposed to be strengthened and organised on an extensive scale.

The suitable areas in the State for the purpose of vegetable cultivation would be intensively surveyed and identified and the farmers in the newly identified areas would be encouraged to take up these programmes, demonstration of vegetables cultivation and subsidy on agricultural inputs will be provided to the small and marginal farmers especially to the scheduled caste farmers in these areas so that the farm income of these rural poor can be improved and country can be supplied with vegetables in off-season. The State Government has an ambitious programme to produce 3.74 lakh tonnes of fresh vegetables during 1992-93 so that the farmers may get ready cash from the cultivation of off-season vegetables. The area and production figures of vegetable production during the past five years is as under :

Year	Area ('000 Hect.)	Production ('000 MT)
1.	2.	3.
1985-86	14.00	280.00
1986-87	14.50	301.00
1987-88	15.00	250.00
1988-89	16.00	360.00
1989-90	16.00	370.00
1990-91	22.00	365.00



For the Annual Plan 1991-92, an outlay of Rs. 9.40 lakh was approved for the development of vegetable production. Against this, an outlay of Rs. 15 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 80 lakh for the Eighth Plan period.

**7. Scheme for assisting the Small and Marginal Farmers in increasing Agricultural production :**

In order to increase production per unit area and thereby increasing the income of small and marginal farmers emphasis will be laid on the supply of seeds of high yielding varieties, minikits with all the package of practices and land development activities, water harvesting including minor irrigation and water management etc. To implement this programme; Rs. 172.50 lakh was approved for the Annual Plan 1991-92. Against this, Rs. 17.25 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 86.25 lakh for the Eighth Plan period.

**8. Extension and Training :**

During the Annual Plan 1991-92, Rs. 572 lakh was approved under this scheme. Against this, Rs. 980 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 2620 lakh proposed for the Eighth Plan period. The financial details of the programmes covered under this scheme have been described in the table given below :

Name of the Scheme	Approved outlay Annual Plan 1991-92	Proposed Outlay	
		Annual Plan 1992-93	Eighth Plan 1992-97
		3.	4.
1. Agriculture information service.	4.50	5.00	35.00
2. Multiple Cropping	1.50	1.50	7.00
3. Crop Competition/ Demonstration on the fields of SC farms	6.00	3.50	20.00
4. Farmer Training and Education	1.60	1.60	10.00
5. Additional hostel accommodation at Mashobra/S.Nagar	0.40	0.40	3.00
6. GSTC Mashobra	6.00	6.00	35.00
7. World Bank assisted T&V Programme	450.00	760.00	2300.00
8. USAID Project	100.00	200.00	200.00
9. EEC Project for Women	2.00	2.00	10.00
<b>Total :</b>	<b>572.00</b>	<b>980.00</b>	<b>2620.00</b>

Item	Unit	Anticipated Achievements Annual Plan 1991-92	Proposed Targets	
			Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.
1. Potato				
a) Area	000 Hect.	16.000	16.200	17.000
b) Production	000 MT	125.000	130.000	160.000
2. Vegetable				
a) Area	000 Hect.	23.000	23.400	25.000
b) Production	000 MT	368.000	374.000	400.000
3. Ginger				
a) Area	000 Hect.	2.850	2.900	3.000
b) Production	000 MT	2.900	2.950	3.200
4. Oil Seed Production	000 MT	22.000	24.000	30.000

#### 1. Development of Vegetables including Farms :

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The suitable areas in the State for the purpose of vegetable cultivation would be intensively surveyed and identified and the farmers in the newly identified areas would be encouraged to take up these programmes, demonstration of vegetables cultivation and subsidy on agricultural inputs will be provided to the small and marginal farmers especially to the scheduled caste farmers in these areas so that the farm income of these rural poor can be improved and country can be supplied with vegetables in off-season. The State Government has an ambitious programme to produce 3.74 lakh tonnes of fresh vegetables during 1992-93 so that the farmers may get ready cash from the cultivation of off-season vegetables. The area and production figures of vegetable production during the past five years is as under :

Year	Area ('000 Hect.)	Production ('000 MT)
1.	2.	3.
1985-86	14.00	280.00
1986-87	14.50	301.00
1987-88	15.00	250.00
1988-89	16.00	360.00
1989-90	16.00	370.00
1990-91	22.00	365.00

For the Annual Plan 1991-92, an outlay of Rs. 9.40 lakh was approved for the development of vegetable production. Against this, an outlay of Rs. 15 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 80 lakh for the Eighth Plan period.

**7. Scheme for assisting the Small and Marginal Farmers in increasing Agricultural production :**

In order to increase production per unit area and thereby increasing the income of small and marginal farmers emphasis will be laid on the supply of seeds of high yielding varieties, minikits with all the package of practices and land development activities, water harvesting including minor irrigation and water management etc. To implement this programme; Rs. 172.50 lakh was approved for the Annual Plan 1991-92. Against this, Rs. 17.25 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 86.25 lakh for the Eighth Plan period.

**8. Extension and Training :**

During the Annual Plan 1991-92, Rs. 572 lakh was approved under this scheme. Against this, Rs. 980 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 2620 lakh proposed for the Eighth Plan period. The financial details of the programmes covered under this scheme have been described in the table given below :

(Rs. in lakh)			
Name of the Scheme	Approved outlay Annual Plan 1991-92	Proposed Outlay	
		Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.
1. Agriculture information service.	4.50	5.00	35.00
2. Multiple Cropping	1.50	1.50	7.00
3. Crop Competition/ Demonstration on the fields of SC farms	6.00	3.50	20.00
4. Farmer Training and Education	1.60	1.60	10.00
5. Additional hostel accommodation at Mashobra/S.Nagar	0.40	0.40	3.00
6. GSTC Mashobra	6.00	6.00	35.00
7. World Bank assisted T&V Programme	450.00	760.00	2300.00
8. USAID Project	100.00	200.00	200.00
9. EEC Project for Women	2.00	2.00	10.00
<b>Total :</b>	<b>572.00</b>	<b>980.00</b>	<b>2620.00</b>

The brief details in respect of the above programmes and foreign-aided-projects being implemented in the Pradesh is as under :

**1. Hill Area Land and Water Development (USAID) Project :**

With the assistance of United States Agency for International Development this project is being implemented with a project span of seven years commencing from 1985-86. Under this project Minor Irrigation Schemes, like construction of water storage tanks with distribution system, headwall-cum -kuhal, shallow wells, deep tube wells and farm ponds etc. are being undertaken on community basis on 100% Government expenses. This scheme is applicable in all districts excepting two tribal districts of Kinnaur and Lahaul and Spiti. For the Annual Plan 1991-92, Rs. 100 lakh was approved for this project. Against this, an outlay of Rs. 200 lakh has been proposed for the Annual Plan 1992-93 which is the last year of its implementation.

**2. Training and Visit Project :**

This project is being implemented by the Agriculture Department with the assistance from the World Bank. In plains, it is very easy to disseminate the advance farm technology to the farmer with even limited extension services, but in the hills it requires more time and resources to motivate farmers who are more conservative and have poor risk bearing capacity. The difficult hilly terrain and lack of adequate communication facilities make this process further more difficult and complicated. For this purpose the agricultural extension service is further being strengthened. This project has been started in Himachal Pradesh from 1.4.1988. For the Annual Plan 1991-92 an outlay of Rs. 450 lakh has been approved for this project. Against this, for the Annual Plan 1992-93, an outlay of Rs. 760 lakh has been proposed out of Rs. 2300 lakh proposed for the Eighth Plan period.

**9. Agriculture Engineering :**

The scheme envisages popularization of all agricultural implements and other machineries by providing suitable transport subsidy and demonstrations. A quality control scheme for checking the quality of agricultural implements supplied to the farmers will be established. Demonstration of improved agricultural implements and machinery would also be taken-up in extensive scale and quality control of these will be enforced extensively.

Grant-in-aid to Himachal Pradesh Agro-Industries is also granted under this head. The financial coverage under this head for the Eighth Plan and Annual Plans 1991-92 and 1992-93 are depicted in the following table :

(Rs. in Lakh )

Name of the Scheme	Approved outlay Annual Plan 1991-92	Proposed Outlay	
		Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.
1. Agriculture implements and other machinery.	12.00	15.00	90.00
2. G.I.A. to H.P. Agro-Industries Corporation	10.00	10.00	50.00
<b>Total :</b>	<b>22.00</b>	<b>25.00</b>	<b>140.00</b>

**10. Agriculture Economics and Statistics :**

For the improvement of Agriculture Statistics in the Pradesh an outlay of Rs. 10 Lakh has been approved for the Annual Plan 1991-92. Against this, Rs. 12 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 70 lakh proposed for the Eighth Plan period. This programme covers the following schemes :

(Rs. in Lakh )

Name of the Scheme	Approved outlay Annual Plan 1991-92	Proposed Outlay	
		Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.
1. Planning & Evaluation Machinery.	0.10	2.00	10.00
2. Timely reporting Scheme (50:50)	6.40	6.50	40.00
3. Improvement of Crop Statistics (50:50)	3.50	3.50	20.00
<b>Total :</b>	<b>10.00</b>	<b>12.00</b>	<b>70.00</b>

**11. Antodaya Subsidy :**

1. The State Government provides 50% subsidy for the development of Agriculture to the Antodaya families on the following items:

1. Improved variety of seeds.
2. Vegetable seeds.
3. Agriculture implements.
4. Insecticides and Pesticides.

In addition to above subsidy, a bank loan facility @ 4% rate of interest is also provided to Antodaya families to avail the above facility of subsidy.

**2. Subsidy on Fertilizer :**

The subsidy rates on chemical fertilizer will be applicable at a uniform rates to all categories of farmers. To Antodaya families also, nitrogen fertilizer is being provided @ 30% and other chemical fertilizers at the rate of 40% rate.

For this purpose, suitable financial provisions have been made under respective schemes for the Eighth Five Year Plan and also for Annual Plan 1992-93.

**B. HORTICULTURE :**

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	1848.45
Annual Plan actual expenditure	(1990-91)	556.89
Annual Plan approved outlay	(1991-92)	696.00
Annual Plan anticipated exp.	(1991-92)	696.00
Annual Plan proposed outlay	(1992-93)	976.00
Eighth Plan proposed outlay	(1992-97)	4642.00

Fruits and vegetables has rightly been described by Dr. M.S. Swaminathan, an eminent Agriculture Scientist as the 'Food of Future. The promotion of Horticulture in the hilly areas like Himachal Pradesh falls in the national priority, because undulating physiography of land in the hilly areas like that of Himachal Pradesh is more suitable for raising the horticultural crops as it do not require the frequent tillage and clean cultivation. The development of Horticulture is not only supplementing the national food grid by way of providing the nutritive food in the form of fruits and vegetables but also playing a vital role in promoting environmental conservation in Himachal Pradesh.

The systematic development of Horticulture in Himachal Pradesh has only been taken up after independence. During the pre-independence period, there has been practically no or very little development of Horticulture. However, pioneering efforts of few Europeans and American Missionaries by way of the introduction of the different varieties of temperate fruits particularly apples. Similarly some princely states also made an effort for the introduction of fruits cultivation in the areas ruled by them. It was only after the launching of five year plans in 1951-52 that the development of Horticulture started receiving any attention. In the year 1953 a Regional Fruit Research Station at Mashobra was established in the Pradesh with the aim of the development of production and management technologies and plant propagation etc. It helped in boosting the plantation of fruit trees activities in the Pradesh. The total area under fruits which was only 792 hecets with an annual Production of 1200 tonnes in 1950-51 reached to 6004 hecets and 18,720 tonnes respectively by the end of Second Plan. However, a qualitative change in the horticulture development was experienced in the Third Five Year Plan with the improvement in the input supply position and strengthening of extension infrastructure. This brought about a complete transformation in the outlook of the fruit growers and in their economy as well. The area and production of fruits increased to 22,358 hecets and 36,910 tonnes respectively by the end of Third Plan.

During the Fourth Five Year Plan, attention was paid towards further intensification of extension efforts and to achieve this objective a separate department was created in the year 1970. Specialised corporation namely the Himachal Pradesh Agro-Industries Corporation was also established for taking in the various commercial activities for supporting the State Agriculture Horticulture Industries in the State during the Fourth Plan

period. The area under fruits by the end of this plan reached the level of 57,105 hectares and production crossed the six digits and reached 2,40,570 tonnes. During the Fifth and Sixth Five Year Plans, stress was laid on the post harvest, management services like marketing infrastructure, the roads network packaging and grading houses, cold storages and processing etc. With this aim, specialised organisation namely the Himachal Pradesh Horticultural Produce Marketing & Processing Corporation (HPMC) was also established during the Fifth Five Year Plan. Beside this, the development of high pay off crops like olive, hops, mushroom etc. was also the hall mark of the development programmes undertaken during this period.

During the Seventh Five Year Plan, main stress was given on the application of science and technology for increasing the productivity and production of fruits in the State. The improved technologies on various aspects of horticultural production were introduced through the implementation of five special projects with the technical and financial assistance from advanced countries. The most significant achievement of the Seventh Five Year Plan was the strengthening of horticultural extension services upto village level on "training and visit system" of farm extension with the World Bank assistance. As a result of introduction of improved technologies and transfer of technical know-how to the fruit growers under this new system of farm extension, highest record of 4.60 lakh tonnes of fruit production has been achieved in the State at the end of Seventh Five Year Plan.

Another major achievement in the development of Horticulture, in H.P. is the introduction of large number of improved high yielding varieties of different fruits particularly of temperate fruit crops from advanced countries which have been established as mother trees on selected Progeny-cum-Demonstration Orchards of the Department. These varieties have high yield potential and are excellent in quality and shall form the basis for our future orchard plantations.

The post-harvest management of fruits was also given due attention during the Seventh Five Year Plan. The support price policy for the fruit crops was introduced in the State for the first time. Besides this, incentives in the form of subsidy was provided on the c.f.b. cartons for popularising its use amongst the fruit growers as an alternative to the conventional wooden boxes.

The timely and adequate arrangement for the supply of fungicides by the department enabled the fruit growers to contain 'the apple scab' disease at its lowest ebb. The efficient spraying equipments like power sprayers were also distributed to the fruit growers under a centrally sponsored scheme for effective control of pests and diseases in the orchards.

The most important task done by the department of horticulture during Seventh Plan was to conduct a horticultural census in the State with the financial assistance of the National Horticultural Board. This census will provide very useful data on



the pattern of fruit plantations and fruit production for future planning of horticultural programmes in the State.

For bringing diversification in the horticultural industry, due emphasis was also given on the promotion of the new economic horticultural crops like olive, mushroom, hops etc in potential areas of the State during Seventh Five Year Plan.

Another hallmark of the achievements during the Seventh Plan was the larger involvement of the weaker sections of the farming community in the horticultural production programmes by giving special incentives in the form of subsidies on various horticultural inputs and credit support from financial institutions.

Against the approved Seventh Plan provisions of Rs. 2385 lakh the actual expenditure incurred during this period was Rs. 1848.45 lakh.

The plan-wise trend in the growth of area and production of fruits is evident from the table given below :

<u>Area and Production of Fruits</u>			
Year/Plan	End of	Area under Fruits (Hectares)	Production (Tonnes)
1.	2.	3.	4.
1950-51	Pre Plan	792	1200
1955-56	1st Plan	2030	7000
1960-61	2nd Plan	6004	18720
1965-66	3rd Plan	22358	36910
1968-69	3 Annual Plans	34572	81080
1973-74	4th Plan	57105	240570
1978-79	5th Plan	80301	137227
1984-85	6th Plan	120580	215920
1989-90	7th Plan	156469	459990

During the year 1990-91 and 1991-92, the ongoing horticulture development programmes implemented in previous years were pursued and stream-lined. During the year 1990-91 the fruit production was about 3.86 lakh tonnes and is expected to be 3.37 lakh tonnes during 1991-92. The actual expenditure incurred during the Annual Plan 1990-91 to implement the various programmes under head crop husbandry (Horticulture) was Rs. 556.89 lakh. Against this, an outlay of Rs. 696 lakh has been approved for the Annual Plan 1991-92.

#### **Eighth Plan 1992-97 and Annual Plan 1992-93**

Approach during the Eighth Five Year Plan.

The main thrust of the Eighth Five Year Plan would be on :

- making horticulture a more stable and productive enterprise through expansion of technological and other facilities.

- more equitable access to resources and imports got horticulture development in the rural areas.
- maximisation of the capacity utilisation in the existing production units
- improvement in productivity of rain-fed horticulture
- diversification of horticulture into more remunerable crop/ crop combinations/ enterprises.
- improvement of post harvest management infrastructure and facilities for inducing post-harvest losses.

As such the main objectives under the horticulture sector in the State during Eighth Five Year Plan shall be as under :

1. Intensification of drive for increasing production and productivity of fruits, flowers and other horticultural commodities for economic growth of the State by integrating all factors of production on modern/scientific lines.
2. Introduction of high yielding strains of various fruit crops for increasing the productivity and income per unit area.
3. Modernisation of fruit nurseries by the introduction of advanced technology for fast multiplication of nursery plants of new high yielding varieties/strains.
4. Improving the socio-economic conditions of the rural masses especially weaker sections by involving them in the fruit production programme of the State.
5. Implementing employment based training programme so as to help rural population to find out employment opportunity in the horticulture industry.
6. Promoting the use of rainfed/dryland horticultural technology for the development of horticulture in the climatologically backward areas and demonstrating economic irrigation devices like drip system and soil injectors etc. for providing life saving irrigation to fruit trees during moisture stress periods as anti-drought measures.
7. Strengthening and creation of necessary infrastructures for extension, training, input supply marketing, processing, storage and credit support etc. to sustain the growth of horticultural industry.
8. Encouraging potential fruit crops in all the agro-climatic zones of the State like cherry pear, walnut, olives, figs, hops etc. and other horticultural commodities like mushroom, honey and flowers etc. for diversification of horticultural economy.

9. Encouraging people's participation in the creation and management of post harvest management infrastructure in fruit growing areas and establishing fruit and vegetable markets at the terminal points of the State.
10. Diversification of fruit processing industry in the State by promoting fruit based alcoholic industry for large scale utilisation of unmarketable surplus.
11. Ensuring continuous technological back-up of horticultural industry through accelerating local R & D efforts, import of technology and training of technical personnels abroad.
12. Intensification of research through the State horticulture University for solving the various problems of the horticulture industry.

For the development of horticulture in the Pradesh, an outlay of Rs. 4642 lakh for Eighth Plan and an outlay of Rs. 976 lakh for the Annual Plan 1992-93 has been proposed for the implementation of different schemes under head crop-husbandry (Horticulture). The details of the various schemes/programmes covered under this head of development have been given in the following paragraphs:—

#### **1. Direction and Administration**

This is a staff oriented scheme. It has strongly been felt that with the increase in the horticultural activities in the field, the staff for the Directorate has not increased correspondingly. It is proposed to strengthen the directorate, district and subordinate offices of the department in order to bridge this gap. During the Annual Plan 1991-92 an outlay of Rs. 5 lakh has been approved under this scheme. Against this, an outlay of Rs. 5.75 lakh for the year 1992-93 and Rs. 38.75 lakh for the entire period of Eighth Five Year Plan has been proposed under this scheme.

#### **2. Horticulture Farms and Nurseries**

Fruit plant as a basic input has vital importance in the development of the fruit industry. The long gestation period of the fruit tree demands utmost care at the time of initial plantation. Keeping this in view, more stress is given on streamlining the nursery production work in the State. During the 6th and 7th Five Year Plans, more than one hundred progeny-cum-demonstration orchards of Nurseries have been established in different agro-climatic Zones of the State by the Department of Horticulture, H.P. The main objectives of this scheme are as under:

1. Introduction of technology for micro propagation of fruit plant material;
2. Introduction of improved varieties and root stock of different fruits imported from advanced countries and by making selections from existing plant material in the State so as to establish progeny trees for the supply of budwood;

3. Multiplication of pedigree and disease free plant material at reasonable rates;
4. Conducting adaptability trials regarding the suitability of various fruit varieties and new introductions and also the recommendations of the research institutions on various orchard management practices;
5. To serve as model and demonstration orchards and nucleus for the proliferation of the orchards with new improved varieties and latest technical know-how.
6. To serve as input supply centres within a radius of about eight kilometres.
7. To demonstrate economic irrigation system like drip and micro sprinkler system of irrigation for economic use of irrigation water.

During the Annual Plan 1991-92 an outlay of Rs. 42 lakh has been approved under this scheme. Against this, an outlay of Rs. 60 lakh has been proposed for the Annual Plan 1992-93, out of the total proposed outlay of Rs. 350 lakh for the entire period of Eighth Plan. As a result of this investment, the targets set are as under :

Particulars	Unit	1991-92 anticipated achievements	1992-93 targets	Eighth Plan targets (1992-97)
1.	2.	3.	4.	5.
1. Establishment of Elite Gardens	Nos.	-	-	5
2. Establishment of New Fruit Nurseries.	Nos.	-	1	5
3. Production of Nursery Fruit Plants.	Lakh	-	17	85
4. Multiplication of improved root stock.	Lakh Nos.	-	0.80	16.50

### 3. Manure & Fertilizers

Fruit plant nutrition is one of the most important aspect in commercial fruit production. It is well known fact that injudicious application of fertilizers to fruit plants creates imbalance in the plant. Diagnosis of such conditions can be done with desired accuracy rapidly and economically by chemical analysis of plant tissue leaf analysis. The department of Horticulture is providing advisory services on fruit plant nutrition to the fruit growers. In this direction, it has established three laboratories at Shimla, Dharamsala and Kullu

and two plant leaf sample collection centres in tribal area. The objectives of the scheme are as under:

1. Strengthening of the existing fruit plant nutrition laboratories of the department.
2. Setting - up of plant nutrition laboratories and leaf collection centres.
3. Preparation of optimum and economic fertilizer schedule.
4. Survey of different fruit growing pockets in the state to assess the nutritional status of the orchards.
5. Conducting adaptive trials regarding efficiency of various nutrients in the fertilizer.

During the Annual Plan 1991-92 an outlay of Rs. 5.50 lakh was approved under this scheme. Against this, the proposed outlay for Annual Plan 1992-93 is Rs. 6.30 lakh out of the total proposed outlay of Rs. 42.50 lakh for the entire period of Eighth Plan.

#### 4. Plant Protection Scheme :

The damage to the fruit crops both in quantity and value term due to the ravages of pests and diseases is estimated to the tune of 15% to 20% which is a gross national wastage. This scheme aims at providing the facilities for adoption of modern plant protection measures to the growers at all stages of development of horticultural crops. The details of the plant protection programmes included under this scheme are as under :

(Rs. in lakh )			
Name of Programme	Annual Plan 1991-92 anticipated expenditure	Annual Plan 1992-93 proposed outlay	Eighth Plan (1992-97) proposed outlay
1.	2.	3.	4.
<u>Plant Protection</u>			
1. Control of pests and disease	5.00	5.75	38.50
2. Endemic Area Control	35.00	40.25	271.25
<b>Total :</b>	<b>40.00</b>	<b>46.00</b>	<b>309.75</b>

During the Annual Plan 1991-92, the anticipated expenditure under this scheme is of the order of Rs. 40 lakh. Against this, an outlay of Rs. 46 lakh for the year 1992-93 and Rs. 309.75 lakh has been proposed for the Eighth Plan under this scheme.

The physical target under the scheme has been depicted in the following table :

Name of Programme	Unit	Annual Plan (1991-92) Target	Annual Plan (1992-93) Proposed Target	Eighth Plan (1992-97) Proposed Target
1.	2.	3.	4.	5.
1. Area to be covered under plant protection (Annually)	Hect. (in Lakh)	1.45	1.50	1.75
2. Area to be Sprayed under Apple Scab disease control (Annually)	Hect. (in lakh)	0.32	0.60	0.85
<b>Total :</b>		<b>1.77</b>	<b>2.10</b>	<b>2.60</b>

## 5. Horticulture Training, Extension & Development

### a) Horticulture Training

The main objectives of the five schemes introduced under this head of development are :

1. To organise the short duration district and village level training camps to impart training to the orchardists in various horticultural operations.
2. To organise the medium term training courses in ancillary horticultural activities like mushroom cultivation, bee-keeping, fruit preservation etc.
3. To organise the long duration training courses in various horticultural operations to the unemployed rural youths so as to enable them to seek part time employment in the horticultural industry.
4. To impart training for Ex-Servicemen in nursery production and other horticultural operations.
5. To organise the tours of the farmers within and outside the state to create awareness about the development in horticulture in the recent past.

During the Annual Plan 1991-92 an outlay of Rs. 3 lakh has been proposed under this scheme. Against this, Rs. 3.50 lakh has been proposed for the Annual Plan 1992-93 *out of* total outlay of Rs. 21 lakh *proposed for the* entire period of Eighth Plan. The schematic details of these outlays are as under :—

(Rs. in lakh)

Particulars	Approved Outlay (1991-92)	Proposed Outlay Annual Plan (1992-93)	8th Plan (1992-97) proposed Outlay
1.	2.	3.	4.
1. Training to educated rural youths for whole time self employment	0.90	1.50	9.00
2. Training in various horticultural operations to rural unemployed/semi-employed for taking part-time or whole time employment in horticulture industry	0.60	1.00	7.00
3. Organising district level training camps-cum-seminars	0.50	0.50	2.00
4. Organising farmers study camps	1.00	0.50	3.00
<b>Total :</b>	<b>3.00</b>	<b>3.50</b>	<b>21.00</b>

The details of the physical targets fixed for the Eighth Plan and Annual Plan are as under :—

Programme	Unit	Target for (1991-92)	Proposed Target for Annual Plan (1992-93)	Proposed Target for 8th Plan (1992-97)
1.	2.	3.	4.	5.
1. Farmers to be trained for self employment	Nos.	250	250	1250
2. Farmers to be trained for part-time employment	Nos.	100	100	1200
3. Farmers to be trained at district level training camps	Nos.	1200	1200	6000
4. Farmers to be benefitted by the study tours	Nos.	120	120	600

**b) Horticulture Extension**

Under this scheme the following two major horticultural extension programmes are in operation:

1. The National Agricultural Extension Project-III.
2. Sub-Project of National Agricultural Extension Project-III in fruit preservation.

The main objectives of these programmes are as under :

- i) To establish a single line of command between full time village extension workers and extension headquarter.
- ii) To incorporate regular in-service training as integral part of horticulture/agriculture extension activity.
- iii) To improve the links between extension operations and the activities of horticulture/agriculture research.
- iv) To develop regular monitoring and evaluation procedure.
- v) To provide infrastructural links with farm Extension training Centres at Regional/Block level.
- vi) To demonstrate improved techniques/varieties through trials on farmer's fields.
- vii) To provide training to farmers and women folk in the rural areas of the Pradesh

**1. National Agricultural Extension Project-III**

During the Annual Plan 1991-92 an outlay of Rs. 300 lakh was approved for the implementation of this scheme. Against this, proposed outlay for this project during Annual Plan 1992-93 is Rs. 510 lakh out of the total proposed outlay of Rs. 1425 lakh for the entire period of Eighth Plan. The details of the various programmes under this project is as under:

(Rs. in lakh)			
Programme	Annual Plan (1991-92) Approved outlay	Proposed outlay Annual Plan (1992-93)	8th Plan (1992-97) proposed outlay
1.	2.	3.	4.
1. National Agr. Extension Project NAEP-III	295.00	505.00	1420.00
2. Sub Project T&V Training in Fruit Preservation.	5.00	5.00	5.00
Total - T&V :	300.00	510.00	1425.00

**c) Horticulture Development**

This is the major programme of the Horticulture production aiming at the creation of infrastructural facilities in the State for the promotion of all types of fruit crops and other horticultural commodities in their potential areas. During the



Annual Plan 1991-92 an outlay of Rs. 48.50 lakh was approved under this scheme. Against this; an outlay of Rs. 55.67 lakh for the community schemes and Rs. 8 lakh for the new schemes has been proposed for the Annual Plan 1992-93. The proposed outlay for the entire period of Eighth Plan for the continuing scheme is Rs. 352 lakh and for the new schemes Rs. 52 lakh. The details of the various programmes under operation and new schemes to be taken-up during the Eighth Plan periods are as under :

(Rs. in lakh)

Programme	Annual Plan (1991-92) Approved outlay	Proposed outlay Annual Plan (1992-93)	8th Plan (1992-97) proposed outlay
1.	2.	3.	4.
1. Dev. of Fruit Production	23.00	31.67	200.00
2. Horticulture Information	4.50	5.25	35.00
3. Dev. of Bee Keeping	6.50	7.50	45.00
4. Dev. of Floriculture	5.00	7.75	48.50
5. Dev. of Mushroom.	6.00	7.00	46.50
6. Dev. of Hops.	3.50	4.50	29.00
<b>Total :</b>	<b>48.50</b>	<b>63.67</b>	<b>404.00</b>

The sub scheme-wise details of the various Horticulture Development programmes for the Eighth Plan and Annual Plan (1992-93) are as under :

(Rs. in lakh)

Programme	Eighth Plan (1992-97) Proposed Outlay	Annual Plan (1992-93) Proposed Outlay
1.	2.	3.
<b>1. Development of Fruit Production :</b>		
a) Additional Area and Fruits.	20.00	3.27
b) Strengthening of Hort. services in Backward Areas.	20.00	4.90
c) Opening of inputs Sale Centres.	20.00	3.00
d) Laying out of demonstration plots.	5.00	1.00
e) Civil Works.	70.00	9.00
f) Vehicles.	25.00	5.00
g) Identification of Fruit Trees of outstanding merit for selecting State Mother Tree to establish Bud - Wood Bank (new scheme)	5.00	0.50

The physical target under the scheme has been depicted in the following table :

Name of Programme	Unit	Annual Plan (1991-92) Target	Annual Plan (1992-93) Proposed Target	Eighth Plan (1992-97) Proposed Target
1.	2.	3.	4.	5.
1. Area to be covered under plant protection (Annually)	Hect. (in Lakh)	1.45	1.50	1.75
2. Area to be Sprayed under Apple Scab disease control (Annually)	Hect. (in lakh)	0.32	0.60	0.85
Total :		1.77	2.10	2.60

## 5. Horticulture Training, Extension & Development

### a) Horticulture Training

The main objectives of the five schemes introduced under this head of development are :

- To organise the short duration district and village level training camps to impart training to the orchardists in various horticultural operations.
- To organise the medium term training courses in ancillary horticultural activities like mushroom cultivation, bee-keeping, fruit preservation etc.
- To organise the long duration training courses in various horticultural operations to the unemployed rural youths so as to enable them to seek part time employment in the horticultural industry.
- To impart training for Ex-Servicemen in nursery production and other horticultural operations.
- To organise the tours of the farmers within and outside the state to create awareness about the development in horticulture in the recent past.

During the Annual Plan 1991-92 an outlay of Rs. 3 lakh has been proposed under this scheme. Against this, Rs. 3.50 lakh has been proposed for the Annual Plan 1992-93 out of total outlay of Rs. 21 lakh proposed for the entire period of Eighth Plan. The schematic details of these outlays are as under :—

(Rs. in lakh )			
Particulars	Approved Outlay (1991-92)	Proposed Outlay Annual Plan (1992-93)	8th Plan (1992-97) proposed Outlay
1.	2.	3.	4.
1. Training to educated rural youths for whole time self employment	0.90	1.50	9.00
2. Training in various horticultural operations to rural unemployed/semi-employed for taking part-time or whole time employment in horticulture industry	0.60	1.00	7.00
3. Organising district level training camps-cum-seminars	0.50	0.50	2.00
4. Organising farmers study camps	1.00	0.50	3.00
<b>Total :</b>	<b>3.00</b>	<b>3.50</b>	<b>21.00</b>

The details of the physical targets fixed for the Eighth Plan and Annual Plan are as under : —

Programme	Unit	Target for (1991-92)	Proposed Target for Annual Plan (1992-93)	Proposed Target for 8th Plan (1992-97)
1.	2.	3.	4.	5.
1. Farmers to be trained for self employment	Nos.	250	250	1250
2. Farmers to be trained for part-time employment	Nos.	100	100	1200
3. Farmers to be trained at district level training camps	Nos.	1200	1200	6000
4. Farmers to be benefitted by the study tours	Nos.	120	120	600

## b) Horticulture Extension

Under this scheme the following two major horticultural extension programmes are in operation:

1. The National Agricultural Extension Project-III.
2. Sub-Project of National Agricultural Extension Project-III in fruit preservation.

The main objectives of these programmes are as under :

- i) To establish a single line of command between full time village extension workers and extension headquarter.
- ii) To incorporate regular in-service training as integral part of horticulture/agriculture extension activity.
- iii) To improve the links between extension operations and the activities of horticulture/agriculture research.
- iv) To develop regular monitoring and evaluation procedure.
- v) To provide infrastructural links with farm Extension training Centres at Regional/Block level.
- vi) To demonstrate improved techniques/varieties through trials on farmer's fields.
- vii) To provide training to farmers and women folk in the rural areas of the Pradesh

### 1. National Agricultural Extension Project-III

During the Annual Plan 1991-92 an outlay of Rs. 300 lakh was approved for the implementation of this scheme. Against this, proposed outlay for this project during Annual Plan 1992-93 is Rs. 510 lakh out of the total proposed outlay of Rs. 1425 lakh for the entire period of Eighth Plan. The details of the various programmes under this project is as under:

Programme	(Rs. in lakh)		
	Annual Plan (1991-92) Approved outlay	Proposed outlay Annual Plan (1992-93)	8th Plan (1992-97) proposed outlay
1.	2.	3.	4.
1. National Agr. Extension Project NAEP-III	295.00	505.00	1420.00
2. Sub Project T&V Training in Fruit Preservation.	5.00	5.00	5.00
Total - T&V :	300.00	510.00	1425.00

## c) Horticulture Development

This is the major programme of the Horticulture production aiming at the creation of infrastructural facilities in the State for the promotion of all types of fruit crops and other horticultural commodities in their potential areas. During the

Annual Plan 1991-92 an outlay of Rs. 48.50 lakh was approved under this scheme. Against this; an outlay of Rs. 55.67 lakh for the community schemes and Rs. 8 lakh for the new schemes has been proposed for the Annual Plan 1992-93. The proposed outlay for the entire period of Eighth Plan for the continuing scheme is Rs. 352 lakh and for the new schemes Rs. 52 lakh. The details of the various programmes under operation and new schemes to be taken-up during the Eighth Plan periods are as under :

(Rs. in lakh)

Programme	Annual Plan (1991-92) Approved outlay	Proposed outlay Annual Plan (1992-93)	8th Plan (1992-97) proposed outlay
1.	2.	3.	4.
1. Dev. of Fruit Production	23.00	31.67	200.00
2. Horticulture Information	4.50	5.25	35.00
3. Dev. of Bee Keeping	6.50	7.50	45.00
4. Dev. of Floriculture	5.00	7.75	48.50
5. Dev. of Mushroom.	6.00	7.00	46.50
6. Dev. of Hops.	3.50	4.50	29.00
<b>Total :</b>	<b>48.50</b>	<b>63.67</b>	<b>404.00</b>

The sub scheme-wise details of the various Horticulture Development programmes for the Eighth Plan and Annual Plan (1992-93) are as under :

(Rs. in lakh)

Programme	Eighth Plan (1992-97) Proposed Outlay	Annual Plan (1992-93) Proposed Outlay
1.	2.	3.
<b>1. Development of Fruit Production :</b>		
a) Additional Area and Fruits.	20.00	3.27
b) Strengthening of Hort. services in Backward Areas.	20.00	4.90
c) Opening of inputs Sale Centres.	20.00	3.00
d) Laying out of demonstration plots.	5.00	1.00
e) Civil Works.	70.00	9.00
f) Vehicles.	25.00	5.00
g) Identification of Fruit Trees of outstanding merit for selecting State Mother Tree to establish Bud - Wood Bank (new scheme)	5.00	0.50

1.	2.	3.
h) GIA to H.P. State Seed and Plant Material Certification Agency (new scheme)	35.00	5.00
<b>Total (1)</b>	<b>200.00</b>	<b>31.67</b>
2. Horticulture Information Services	35.00	5.25
3. Development of Bee-Keeping	45.00	7.50
4.a) Development of Floriculture and Land Scaping.	38.50	5.75
b) Setting-up of Mobile Pilot Plants for the extraction of essential oil in collaboration with CSIR, Palampur (new scheme).	10.00	2.00
<b>Total (4)</b>	<b>48.50</b>	<b>7.75</b>
5.a) Development of Hops.	27.00	4.00
b) Joint Collaboration Programme for conducting adaptive trials on new Hops varieties in Tribal Areas with RRL Srinagar/Jammu (New Scheme)	2.00	0.50
<b>Total (5)</b>	<b>29.00</b>	<b>4.50</b>
6. Dev. of Mushroom Cultivation.	46.50	7.00
<b>Grand Total (Hort. Dev.) :</b>	<b>404.00</b>	<b>63.67</b>

The details of physical targets fixed for the additional area to be brought under fruits during Eighth Plan and Annual Plans are as under :

(in Hects.)

Item	Target fixed for the Additional area to be brought under fruits during		
	Anticipated Achievement Annual Plan (1991-92)	Target Annual Plan (1992-93)	Target Eighth Plan (1992-97)
1.	2.	3.	4.
1. Apple	1500	1500	7500
2. Other Temperate Fruits	1300	1000	5000
3. Nuts and Dry Fruits	700	800	4000
4. Citrus Fruits	2000	1700	8500
5. Sub Tropical Fruits	1500	2000	10000
<b>Total</b>	<b>7000</b>	<b>7000</b>	<b>35000</b>

The details of the level of the production of various fruits during the Eighth Plan and Annual Plan 1992-93 are as under :

(In lakh M.T.)

Item	Anticipated Production Level Annual Plan (1991-92)	Proposed Level Annual Plan (1992-93)	Proposed Level Eighth Plan (1992-97)
1.	2.	3.	4.
1. Apple	2.84	4.54	5.53
2. Other Temperate Fruits	0.33	0.46	0.56
3. Nuts and Dry Fruits	0.02	0.03	0.04
4. Citrus Fruits	0.11	0.17	0.20
5. Other Sub Tropical Fruits	0.06	0.12	0.14
<b>Total :</b>	<b>3.37</b>	<b>5.32</b>	<b>6.47</b>

The details of other physical targets fixed for the Eighth Plan and Annual Plan 1992-93 are as under :

Particulars	Unit	Targets Annual Plan 1991-92	Proposed Target 1992-93	Target 8th Plan 1992-97
1.	2.	3.	4.	5.
1. Establishment of Museum-cum-information centre	Nos.	-	1	1
2. Supply of Honey bee colonies to the private bee keepers	Nos.	1000	1000	5000
3. Production of honey on Govt. bee keeping stations	MT	7.50	10.00	50.00
4. Total Production of Honey in the State	MT	65	100	500
5. Production of Hops (Dry)	MT	12	13	25
6. Production of Mushroom	MT	500	550	750
7. Prod. of pasturised composite	MT	1350	1350	6750

#### 6. Externally Aided Projects (Other than T & V Project)

For bringing modernisation in the horticultural industry in the state, the department of Horticulture H.P. is implementing the various projects with the financial and technical assistance of the advanced countries. During the Eighth Plan, an outlay of Rs. 1341 lakh has been proposed for the following externally aided projects. Against the approved Annual Plan of Rs. 95 lakh during 1991-92, an outlay of Rs. 165.78 lakh has been proposed for 1992-93. The project-wise allocations are as under :

(Rs. in Lakh)

Name of Project	Annual Plan (1991-92) Approved Outlay	Proposed outlay Annual Plan (1992-93)	8th Plan proposed outlay (1992-97)
1.	2.	3.	4.
1. Indo Italian Olive Project	10.00	70.28	136.00
2. Indo Dutch Mushroom Project	10.00	10.00	75.00
3. Hill Area Land and Water Dev. Project (USAID Project)	20.00	75.00	75.00
4. Integrated Horticulture Dev. Project and other Projects	53.00	10.00	1000.00
5. Indo-German Ecological Development Project	1.00	0.50	55.00
6. Other Projects	1.00	--	--
Total :	95.00	165.78	1341.00

The details of (i) Integrated Horticultural Development Project are as under :

The Integrated Horticulture Development Project with the World Bank assistance is proposed to be implemented in the State for bringing about an allround development in the horticulture industry by the induction of improved technology with an ultimate aim at increasing the production and productivity per unit area of orchards. The following are the main objectives of the projects :-

1. Establishment of Plant Receiving and Multiplication Stations with modern facilities like glass house, mist chamber, plant tissue culture lab etc. for fast multiplication of plant material of fruits and flowers.
2. Establishment of varietal improvement and source area stations for stocking the mother trees for the supply of bud-wood to the nursery growers.
3. Remodelling of progeny-cum-demonstration orchards of the State Govt. to demonstrate the modern methods of efficient orchard management for increasing productivity of an orchard.
4. Remodelling of departmental nurseries and providing technical guidance to the private Nursery men for the production of quality fruit plants for distribution to the fruits growers.
5. Introduction of improved germplasm of improved varieties of fruits and flowers from advanced countries.
6. Establishment of laboratory with modern equipments for the diagnosis of plant nutrition, detection of pests and diseases of fruit trees, virus testing and post harvest quality control etc.



7. Establishment of new orchards and replantation of old orchards with new exotic varieties of various fruit varieties.
8. Establishment of post harvest management infrastructure for handling and marketing of fruit produce.
9. Establishment of citrus based fruit processing industry in the State.
10. Providing necessary credit support to the horticulture industry from Financial Institutions.
11. Training of Technical personnels in the advanced countries in various fields of horticulture.
12. Providing technical assistance from advanced countries for the implementation of the project activities.

The project is still under the consideration of the World Bank and the Govt. of India. The final project report has not been received from the World Bank so far. The project period is for seven years. During the Annual Plan 1991-92, a sum of Rs. 53 lakh has been provided for this project. An outlay of Rs. 1000 lakh has been proposed for the implementation of the project during the 8th Five Year Plan and an outlay of Rs. 10 lakh has been proposed for the Annual Plan 1992-93. The tentative item-wise cost and physical targets under the project is summarised in the following table :

Project Components	Physical targets (Nos of units) Revised proposal	Proposed investment (Rs. in lakhs) Revised
1.	2.	3.
1. PRAM	1	13.856
2. VISA	12	16.504
3. Govt. Nurseries	20	18.538
4. Model Orchards	25	61.823
5. Plant Nutrition & Plant Protection Lab	1	12.281
6. Post Harvest Dev. Lab	1	8.857
7. Sample Preparation unit	7	0.840
8. Private Nurseries	60-100	-----
9. Virus testing facilities	1	2.500
10. Pest forecasters including Scab Detector equipment	100	4.50
11. Hand tools & equipment	--	5.00
12. On-farm trials	175	0.437
13. Credit for new plantation and replantation etc.	18600	182.89
14. Training		
(a) abroad Govt. Sector	40 m/m	2.00
(b) private orchardists	144 m/m	7.20
(c) consultancies	55 m/m	2.75
15. Import of Literature & books on horticulture	--	2.02
16. Computer based data management system	1	1.00
<b>Sub Total :-</b>		<b>373.831</b>

1.	2.	3.
<u>Floriculture</u>		
1. PRAM (only specific machinery tools and implements & inputs	1	6.93
2. VISA	2	11.46
3. Training abroad	16 m/m	8.00
4. Staff	54 Nos.	11.21
Sub Total :-		30.411
Grand Total :-		404.242

#### 7. Assistance to Small and Marginal Farmers :

The production of fruits in the State can be increased substantially by bringing more and more area under fruits, by optimum use of inputs, adoption of improved technology etc. As the horticulture is a high capital intensive industry it requires substantial finances for the establishment and further maintenance of orchards. Therefore, to compensate the small and marginal farmers and other weaker sections of the society, liberal subsidies on various inputs and credit support is provided. During the Annual Plan 1991-92, the approved Plan outlay under this scheme was Rs. 40 lakh. Against this, an outlay of Rs. 46 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 310 lakh for the entire period of Eighth Plan. The financial details of the various programmes proposed for the Eighth Plan (1992-97) and Annual Plan 1992-93 are as under :

Name of Scheme	(Rs. in lakh )	
	Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.
1. Subsidy for Horticultural inputs :		
a) Subsidy for the Plantation of individual orchards @ 25% and 33% for small and marginal farmers and 50% to SCs/STs/DBC's.	18.00	100.00
b) Subsidy for the development of Garden colonies.	1.00	5.00
c) Subsidy for the development of bee keeping.	2.00	10.00
d) Subsidy for the cultivation of Mushrooms.	5.00	35.00

1.	2.	3.
e) Special package programmes for medium and high density plantation, Cherry Plantation, Nuts and Dry Fruit Plantation, improved variety of Mango, Citrus, Peach and Apricot plantation.	6.00	60.00
f) Establishment of community gardens for the utilising waste land	1.00	10.00
g) Interest subsidy for orchard plantation	1.00	10.00
h) Capital subsidy on Drip Irrigation system:	1.00	10.00
i) Transportation Subsidy on various Horticultural inputs.	1.00	5.00
Total :	36.00	245.00
2. Subsidy on Pesticides	10.00	65.00
Grand Total :	46.00	310.00

#### 8. Assistance to Farming Co-operatives :

There has been increasing emphasis on the developmental programmes for small and marginal farmers and other weaker sections of the farming community. The collective efforts of the groups of the farmers can make the management of their units economical and can help to market their produce on remunerative prices. National Co-operative Development Corporation provides financial support to implement the various development assistance to co-operative societies through State Govt. The incentives in the form of margin money and credit in the form of margin money and credit from the financial institutions on the reasonable rates of interest shall be made available to Co-operative Societies engaged in the production, processing and marketing of mushroom, olive, floriculture, honey and fruits produce etc.

During the Annual Plan 1991-92 an outlay of Rs. 50 lakh was approved under this scheme. Against this, Rs. 25 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 125 lakh for the entire period of Eighth Plan.

#### 9. Horticulture Economics and Statistics :

In an era of planned development, the necessity and development of dependable statistics for the preparation of realistic horticultural development programmes/schemes/projects need not be over emphasised. For the maintenance and collection of data on the various aspects of horticulture industry, a separate division headed by Horticultural Economist is functioning in the department of horticulture. During the Annual Plan 1991-92 an outlay of Rs. 3 lakh was approved for this scheme. Against this

Rs. 3.50 lakh outlay has been proposed for Annual Plan 1992-93 out of the total proposed outlay of Rs. 20 lakh for the entire period of Eighth Plan.

**10. Fruit Processing and Utilisation**

The fruit processing and utilisation scheme is in operation since 1959. The main objective of this scheme is to utilise the unmarketable production of the fruits for manufacturing the fruit products and also to provide fruit community canning service and training facility to women folk in the preservation and processing of fruits. Generally about 20% of the fruit production is estimated as unmarketable surplus i.e. about 80,000 M.T. But the present status of fruit processing capacity is only of about 26000 M.T. It is, therefore, an urgent necessity to set-up more fruit processing industries in the state. During the Annual Plan 1991-92 an outlay of Rs. 30 lakh was approved under this scheme. Against this, an outlay of Rs. 39.50 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 230 lakh for the entire period of Eighth Plan. The proposed outlay also includes Rs. 20 lakh for Eighth Plan period and Rs. 5 lakh for Annual Plan 1992-93 for Pilot Project for manufacturing of cider/wine and other fruit products.

The details of the programmes to be implemented under this scheme are given in the following table :

Programme	(Rs. in lakh)	
	Proposed outlays	
	Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.
1. Strengthening and Maintenance of Existing canning units of the department.	27.00	175.00
2. Establishment of new fruit processing units	5.00	25.00
3. Community canning Service	2.00	7.50
4. Standardisation of methods for preparation of new fruit products and processing factory waste utilisation	0.50	2.50
5. A pilot plant for the manufacture of Cider and Wines.	5.00	20.00
<b>Total :</b>	<b>39.50</b>	<b>230.00</b>

## **11. Antodaya Subsidy :**

1. The 50% subsidy on the following schemes/programmes is being provided to the Antodaya families.

1. Fertilizer.
2. Bee-Keeping.
3. Fruit Plants.
4. Material for the plantation of orchards.
5. Modern Equipments.
6. Polythene Pipes.
7. Water Storage Tank.
8. Compost for the production of Mushroom.
9. Spray equipments and medicines.

In addition to above subsidy, a facility of bank loan @ 4% interest is also provided to Antodaya families for the above items to the needy families.

## **2. Subsidy on Fertilizer :**

The subsidy rates on chemical fertilizer will be applicable at a uniform rate to all categories of farmers. To Antodaya families also, the subsidy on chemical fertilizer is being provided at the following rates.

1. Nitrogen Fertilizer @ 30% subsidy.
2. All other Fertilizers @ 40% subsidy.

For this purpose, suitable financial provisions have been made under respective programmes/schemes for the Eighth Five Year Plan and Annual Plan 1992-93.

**C. Dry Land Farming :**

(Rs. in Lakh)

Seventh Plan actual expenditure (1985-90)	178.27
Actual Expenditure Annual Plan (1990-91)	24.89
Approved outlay Annual Plan (1991-92)	25.00
Anticipated Exp. Annual Plan (1991-92)	25.00
Proposed outlay Annual Plan (1992-93)	30.00
Proposed outlay Eighth Plan (1992-97)	180.00

Himachal Pradesh has only 18% of cultivated area under assured irrigation and 82% of agricultural land depends on the vagaries of weather. The department of agriculture has launched a programme to conserve and recycle the rain water under dry farming technology. Under the dry land farming technology which has been introduced in the State, an area of 4,200 hectares is likely to be covered by the end of 1991-92. During 1992-93, the total area to be covered would be 5,500 hectares and 2,700 hect. by the end of Eighth Plan period. Under this programme suitable dry land farming implements are also being distributed to the farmers. In Himachal Pradesh each mini-micro watershed has cultivated area of about 100 hectares and in 5 selected mini-micro watersheds, 500 hectares of area would be covered under dry land farming practices.

For the Annual Plan 1991-92, Rs. 25 lakh was approved to carryout the various activities under dry land Farming. Against this, Rs. 30 lakh has been proposed for the Annual Plan 1992-93, out of Rs. 180 lakh for the Eighth Plan period.

The physical targets/ achievements under this programme are as under :

Item	Unit	Anticipated Achievements Annual Plan 1991-92	Proposed Targets	
			Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.
<u>i) Development of Selected micro-watershed :</u>				
a) No. of watersheds to be taken-up	Nos.	5	5	25
b) Area covered under watersheds	Hect.	500	500	2500
c) Construction of water harvesting/storage structure	Nos.	5	5	25
d) Area covered outside the selected watersheds by dry farming practices.	Hect.	5000	5000	25000
<u>ii) Adoption of dry farming practices in &amp; outside the selected watersheds</u>				
a) Distribution of other improved Agricultural implement seed-cum-fertilizer drills	Nos.	18000	20000	100000
b) Distribution of Chemical fertilizers	M.T.	4000	4200	5000
c) Distribution of improved drought resistant seeds	Qtls.	1850	1900	2200

## 2. SOIL AND WATER CONSERVATION :

	(Rs. in Lakh)
~~~~~	~~~~~
Seventh Plan actual expenditure (1985-90)	1167.59
Actual Expenditure Annual Plan (1990-91)	264.99
Approved outlay Annual Plan (1991-92)	360.00
Anticipated Exp. Annual Plan (1991-92)	360.00
Proposed outlay Annual Plan (1992-93)	513.25
Proposed outlay Eighth Plan (1992-97)	3207.25
~~~~~	~~~~~

Land and soil functions have a crucial base for all production system. Therefore, maintenance of physical, chemical and biological balance of the soil besides management of land surface is essential to subserve all socio economic needs. With the increasing population and greater developmental activities, the projected requirements of food, fodder, firewood including water by 2,000 A.D. indicate that the State would not only have to protect and conserve the soil resources but also have to provide various productive management practices for the soil. Soil conservation programme in the Pradesh is carried out on Government land by the State Agriculture and Forest Department.

Soil conservation programme will have to be viewed in the context of national strategy to make the country self reliant in the matter of food and other land based products. The Eighth Plan strategy is therefore to enhance the pace of programme implementation very considerably so as to cover large areas subject to degradation and also initiate well directed surveys and identification of areas which could be treated or developed with a view not only to maintain the production but also increase the same for meeting the increasing demand.

The following activities are being undertaken in the Pradesh under various soil conservation programmes.

1. Better Management and optimum utility of Land by carrying out soil survey to classify land according to its capability.
2. Soil Conservation work like bench terracing, levelling of land and contour strips etc.
3. Integrated Development of selected watersheds.
4. Land development in the catchment areas of river Sutlej and Beas.



5. Soil and Water conservation of Himalayan Region (Soil Watch).
6. Soil and water conservation in Indo-Gangatic basin of Flood prone rivers.
7. Social Forestry and Economic Development for Changer Area.
8. Integrated Watershed Development for Shiwalik Hills.
9. Massive assistance to Small and Marginal Farmers for land development.
10. Construction of water storage structure.
11. Protective Afforestation to bring out stabilisation in the hill eco-system.
12. Maintenance of old Plantations.
13. Execution of protective measures to save public and private property under the ravage of erosion.

Soil Conservation activities are being carried out by Agriculture and Forests Department in the Pradesh separately. The department-wise details of the various programmes are as under :

**a) Agriculture :**

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	606.35
Actual Expenditure Annual Plan (1990-91)	152.61
Approved outlay Annual Plan (1991-92)	220.00
Anticipated Exp. Annual Plan (1991-92)	220.00
Proposed outlay Annual Plan (1992-93)	353.25
Proposed outlay Eighth Plan (1992-97)	2107.25

For the Annual Plan 1991-92 an outlay of Rs. 220 lakh was approved to implement the various soil conservation schemes of Agriculture Department. Against this, an outlay of Rs. 353.25 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 2107.25 lakh proposed for the Eighth Plan period.

The details of the financial outlay in respect of various schemes are as under :

(Rs. in Lakh)					
Sr. No.	Name of the Scheme	Approved outlay		Proposed Outlay	
		Annual Plan 1991-92	Annual Plan 1992-93	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.	
1.	Soil and Land use Survey	1.00	1.00	5.00	
2.	Soil and water conservation on agricultural land	106.90	76.00	700.50	
3.	National watershed Dev. Project (75:25)	40.00	46.00	250.00	
4.	Integrated watershed Development Project (Kandi area)	48.00	50.00	250.00	
5.	Social forestry and Economic Development Project for changer area	5.00	5.00	25.00	
6.	Massive Assistance to Small & Marginal Farmers				
	i) L S D	-	34.50	172.50	
	ii) Irrigation	-	120.25	601.25	
7.	Construction of water storage Structures	19.00	20.00	100.00	
8.	Grant of Soil Conservation loan written-off	0.10	0.50	3.00	
Total		220.00	353.25	2107.25	

The physical targets and achievements under Soil Conservation on Agriculture are given below :

Item	Unit	Approved Proposed Targets		
		Targets Annual Plan 1991-92	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.
<b>Soil Conservation on Agriculture Land :</b>				
i) Soil and Water Conservation on Agriculture land (Non Tribal)	Hect.	1100	1500	6500
ii) Soil conservation on agriculture land (Tribal Areas)	Hect.	135	150	700
iii) Survey on culturable waste land	Hect.	3750	4000	20000

**b) Forests :**

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	561.24
Actual Expenditure Annual Plan (1990-91)	112.38
Approved outlay Annual Plan (1991-92)	140.00
Anticipated Exp. Annual Plan (1991-92)	140.00
Proposed outlay Annual Plan (1992-93)	160.00
Proposed outlay Eighth Plan (1992-97)	1100.00

For carrying out the various activities under Soil Conservation by the Forest Department, Rs. 140 lakh was approved for the Annual Plan 1991-92. Against this, an outlay of Rs. 160 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 1100 lakh proposed for the Eighth Plan period.

An area of 360 hect. has been targetted to be brought under Soil conservation by the Forest Department during Annual Plan 1991-92. Against this target, 550 hect has been proposed for the Annual Plan 1992-93 out of the total proposed target of 4000 hect. The schematic detail of various programmes under implementation under this head is as under :

(Rs. in Lakh)

Sr. No.	Name of the Scheme	Approved outlay Annual Plan 1991-92	Proposed Outlay	
			Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.
1.	Establishment	85.00	100.00	600.00
2.	Protective afforestation and Demonstration	20.00	49.00	335.00
3.	Revamping of Land Use Board	1.00	1.00	5.00
4.	Soil Conservation activities in Changer Project	5.00	5.00	150.00
5.	Water Harvesting Storage Structure	10.00	--	--
6.	Integrated self reliant village level Dev. Project on co-operative Society basis (Provision for seed money)	19.00	--	--
7.	Soil Conservation in Renuka Wild Life Sanctuary	--	5.00	10.00
Total :		140.00	160.00	1100.00

### 3. ANIMAL HUSBANDRY :

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	824.44
Annual Plan actual expenditure (1990-91)	331.99
Annual Plan approved outlay (1991-92)	282.00
Annual Plan anticipated exp. (1991-92)	282.00
Annual Plan proposed outlay (1992-93)	370.00
Eighth Plan proposed outlay (1992-97)	2698.00

Animal Husbandry is an inseparable part of Agriculture which can be visualised from the fact that 91.5% families are rearing one type of livestock or the other. They not only provide additional income to the agriculturist but also provide nutrients and food in the form of egg, milk and meat. Sheep and goats are the main source of garments to provide the protection against extreme winter and animal skin is used to make shoes and storebins. Besides this, output of Animal Husbandry such as bullock power and manure etc. are the inputs for agriculture and the output of agriculture such as fodder, grass, corn, etc. are indispensable for animals. In addition, livestock rearing is also contributing towards the self employment to the rural artisans. Poultry, Piggery, Sheep and Angora rearing are becoming popular among the people of the Pradesh.

According to the figure of the 1982 census, the total livestock population of the Pradesh was 51,23,771 thus registering a growth of 6.8% over a period of 5 years. This gives the density of 92 heads per square kilometre as against 77 in case of human population. The availability of permanent pasture and other grazing land is 22.5 hectare per 100 heads of livestock taking livestock as base.

The major activities under the Animal Husbandry Sector in the Pradesh had been the providing of veterinary services and animal health, breeding facilities for cattle, buffaloes and sheep propagation and popularisation of poultry, sheep and wool development, feed and fodder development and veterinary research. Due provisions are made to provide the benefits of these services and programmes to the scheduled castes/scheduled tribes and backward areas.

As a result of the investment made under this development head during the various plan periods, the level of the number of institutions catering to veterinary aid and other extension services reached by the end of Seventh Plan (1985-90) has been depicted as under :

Name of the Institution / Scheme	No. of Institutions/Schemes
1.	2.
1. Hospital.	230
2. Dispensaries.	514
3. Outlying Dispensaries.	83
4. Hill Cattle Development Scheme Unit.	34
5. Intensive Cattle Development Project.	22
6. Key Village Scheme Units.	52
7. Artificial Insemination Centres under Hospitals and Dispensaries :	
a) Cows.	427
b) Buffaloes.	192
8. Poultry Farms and Centres.	14
9. Sheep Breeding Farms.	5
10. Disease Investigation Laboratory.	2
11. Cattle Breeding Farms.	5
12. Veterinary Check Posts.	4
13. Training Centres.	2
14. Slaughter Houses.	36
15. Milk Supply Schemes.	4
16. Dairy Plants.	1
17. Wool Analysis Laboratories.	3
18. Feed and Fodder Schemes.	4
19. Mobile Veterinary Dispensaries.	14

The table as given below depicts the achievement in respect of various livestock products vis-a-vis their targets during the Seventh Plan period.

Item	Unit	Target 7th Plan	Achievement during the 7th Plan
1.	2.	3.	4.
1. Milk Production	000 Tonnes	515	529.19
2. Egg Production	Millions	49	49.22
3. Wool Production	Lakh Kg.	14	14.05

### Approach to Eighth Five Year Plan

During the Eighth Plan, efforts shall be made to make it more remunerative to the Livestock owners. This would be achieved by strengthening and expanding the existing facilities of artificial insemination.

In the field of Animal Health, it has been felt necessary to reorganise the existing pattern, i.e. hospitals, dispensaries to a four tier system so that with improved livestock specialised animal health cover is made available to the owner of improved livestock. In the four tier system, it is proposed to have Dispensary manned by a Pharmacist at the village level and a Hospital covering two Dispensaries manned by a Veterinary Officer, a Sub Divisional Hospital manned by a Senior Veterinary Officer and a District level, where necessary, the services of specialist in different disciplines would be created.

New resources with economic potential like Rabbit farming, Broiler production in poultry have been given due weightage. Similarly, the customary sheep raising would be given new direction by making available more number of rams and loaning system of rams of breeding season through the agencies of sheep and wool extension centres and ram centres. The marketing aspect of wool has been taken care of by making provision for grant-in-aid to the recently established Wool Federation.

With the increased infrastructure in the field, it has become necessary to strengthen the Directorate, Zonal Offices and District Level Offices.

During the Annual Plan 1991-92 an outlay of Rs. 282 lakh was approved for the various activities of the department. Against this; an outlay of Rs. 370 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed provision of Rs. 2698 lakh for the entire period of Eighth Plan.

The details of the various physical target proposed for the Eighth Plan and Annual Plan 1992-93 are as under :

Item	Unit	Anticipated Achievement at the end of Annual Plan (1991-92)	Proposed Targets Annual Plan (1992-93)	Proposed Targets Eighth Plan (1992-97)
1.	2.	3.	4.	5.
<b>I. <u>Livestock Production</u> :</b>				
1. Milk	000 Tonnes (Level)	590.00	610.00	700.00
2. Eggs	Millions (Level)	56.50	59.00	70.00
3. Wool	Lakh Kg. (Level)	14.65	15.00	16.00
<b>II. <u>Physical Programmes</u> :</b>				
1. A.I. Performed with Liquid Frozen Semen	Lakh	2.06	2.15	2.40
2. No. of Cross Cows.	Lakh	1.18	1.20	1.50
<b>III. <u>Livestock Health Programme</u> :</b>				
1. Vety. Clinic Hospitals.	Nos. (cum)	230	236	260
2. Veterinaries Dispensaries	Nos. (cum)	514	538	632
3. Poly Clinics.	Nos. (cum)	--	1	4

The schematic details of the various activities of the Department are as under :

**1. Direction and Administration :**

This is a staff oriented scheme. It has strongly been felt that with the increase in Animal Husbandry activities in the field, the staff for the Directorate has not been increased proportionately. It is proposed to strengthen the Directorate, Zonal and District level Offices of the department in order to bridge the gap. For the Annual Plan 1991-92 an outlay of Rs. 7.23 lakh was approved for this scheme. Against this, Rs. 11.30 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 85.50 lakh for the entire period of the Eighth Plan. The break-up of the proposed outlay for continued and new proposals is as under :



(Rs. in Lakh)			
Item	Approved Annual Plan (1991-92)	Proposed outlay Annual Plan (1992-93)	Proposed outlay Eighth Plan (1992-97)
1.	2.	3.	4.
1. Direction and Admn. General Area.	5.23	8.00	60.50
2. Direction and Admn. Tribal Areas:			
i) Continued Schemes.	2.00	2.30	18.00
ii) New Schemes.	-.-	1.00	7.00
Grand Total :	7.23	11.30	85.50

## 2. Education and Training :

Under this programme, for the Annual Plan 1991-92, Rs. 0.70 lakh was approved. Against this, an outlay of Rs. 0.80 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 5 lakh for the entire period of the Eighth Plan.

## 3. Veterinary Service and Animal Health :

During the Eighth Five Year Plan following programmes in Veterinary Services and Animal Health are proposed to be undertaken :

- 1) Regularisation of 83 Outlying Dispensaries into regular dispensaries.
- 2) Upgradation of Veterinary Dispensaries into Veterinary Hospitals.
- 3) Opening of 4 poli-clinics in the State.

Staffing pattern for aforementioned institutions in the State shall be as under :

- 1) Poli-Clinics : Pathologist - 1, Gynaecologist - 1, Surgical Specialist - 1, Medical Specialist - 1, Veterinary Pharmacists - 4 and Sweeper/Class-IV Attendants - 4.
- 2) Veterinary Hospital : Veterinary Officer - 1, Veterinary Pharmacist - 1, Sweeper and Class - IV one each.
- 3) Veterinary Dispensary : One Pharmacist and One Class-IV each.

The existing 83 outlying dispensaries which has no staff would be regularised and given the status of Veterinary Dispensaries, while opening new Dispensaries, area of deficiency would be given top priority. During the Annual Plan 1991-92, an outlay of Rs. 117 lakh was approved for the implementation of the various programmes under this head. Against this, an outlay of Rs. 160.75 lakh has been proposed for the Annual Plan 1992-93 including the provision for opening of 24 veterinary dispensaries; 1 polyclinic and upgradation of 6 veterinary dispensaries into veterinary hospitals. The proposed outlay for the Eighth Plan period is Rs. 1318.70 lakh. This includes the provisions for opening of 118 veterinary dispensaries, 4 polyclinics and upgradation of 30 veterinary dispensaries in Hospitals. The break-up of proposed outlays for continued and new schemes is as under :

(Rs. in Lakh)			
Item	Approved outlay Plan (1991-92)	Proposed outlay Annual Plan (1992-93)	Proposed outlay Eighth Plan (1992-97)
1.	2.	3.	4.
<b>1. <u>Veterinary Services and General Area Plan :</u></b>			
a) Continued Schemes.	41.07	63.25	415.00
b) New Schemes.	--	9.00	194.00
<b>Sub-Total :</b>	<b>41.07</b>	<b>72.25</b>	<b>609.00</b>
<b>2. <u>Tribal Sub Plan :</u></b>			
a) Continued Schemes.	25.00	26.00	180.00
b) New Schemes.	--	2.00	46.00
<b>Sub Total :</b>	<b>25.00</b>	<b>28.00</b>	<b>226.00</b>
<b>3. <u>Component Plan :</u></b>			
a) Continued Schemes.	42.00	48.50	325.70
b) New Schemes.	--	2.50	47.00
<b>Sub Total</b>	<b>42.00</b>	<b>51.00</b>	<b>372.70</b>
<b>4. <u>Backward Area :</u></b>			
a) Continued Schemes	8.93	10.50	75.00
b) New Schemes.	--	2.00	36.00
<b>Sub Total</b>	<b>8.93</b>	<b>12.50</b>	<b>111.00</b>
<b>Grand Total :</b>	<b>117.00</b>	<b>160.75</b>	<b>1318.70</b>

#### **4. Administrative Investigation and Statistics :**

Under this scheme, it is proposed to continue the expenditure on sample survey scheme on Animal Products during the Eighth Five Year Plan. Besides, it has been felt necessary to make an overall statistical assessment on departmental schemes and also draw out breeding plans of different forms to improve nucleus heads of Cattle and flocks of sheep. For this purpose, a provision of Rs. 5 lakh was approved for the Annual Plan 1991-92. Against this, an outlay of Rs. 5.75 lakh is proposed for the Annual Plan 1992-93 out of the total proposed provision of Rs. 38.75 lakh for the entire period of Eighth Plan.

#### **5. Cattle and Buffalo Development :**

Cattle has played an important role in the economy of the State as a source of motive power, milk and convertor of rough age into composite. In order to improve the existing cattle by cross breeding through artificial insemination, it is necessary to extend this facility to cover more areas and also to strengthen the existing cattle breeding farms.

The Department has adopted Frozen Semen Technology for extending breeding facilities through Artificial Insemination. Initially, when these facilities were created, it was estimated to cover 400 institutions through this technology. But as the demand is growing, the facility of artificial insemination stands extended to 650 institutions and during the Eighth Plan, this facility shall have to be further extended to another 200 institutions. For meeting this demand, it is necessary to strengthen the existing Semen Processing Laboratories. Simultaneously, it would be necessary to strengthen the existing cattle breeding farms to meet the requirement of bulls for the area which cannot be brought under the fold of artificial insemination through departmental institutions. For this purpose an outlay of Rs. 56.31 lakh was approved for the Annual Plan 1991-92. Against this, Rs. 69 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed provision of Rs. 470.50 lakh for the entire period of Eighth Plan. Scheme-wise details of the outlays are as under :

(Rs. in Lakh)

Item	Approved outlay Annual Plan (1991-92)	Proposed outlay Annual Plan (1992-93)	Proposed outlay Eighth Plan (1992-97)
1.	2.	3.	4.
<b>1. <u>General Plan :</u></b>			
a) Assistance for small & Marginal Farmers for raising cross breed (50:50)	5.10	6.00	40.00
b) Cont. of expenditure an Frozen Semen Lab. Bank, Strengthening of existing cattle and Breeding Farms and ICDP Ghanahatti.	12.47	17.55	123.00
c) Training of Farmers and Holding of Calf Rallies.	0.10	0.15	1.00
d) Cont. of exp. on Go-Sadan	0.20	0.30	1.50
Sub Total :	17.87	24.00	165.50
<b>2. <u>Component Plan :</u></b>			
a) Breeding Facilities for Cattle and Buffaloes Development.	32.50	37.50	252.00
b) Strengthening of Liquid Nitrogen Plant, Solan.	--	0.50	5.00
Sub Total :	32.50	38.00	257.00
<b>3. <u>Backward Area Plan :</u></b>			
a) Breeding Facilities for Cattle and Buffaloes Training of Education & holding of cattle shows	5.94	7.00	48.00
Sub Total :	56.31	69.00	470.50
<b>6. <u>Poultry Development :</u></b>			

Poultry has a vast potential to meet the animal protein requirement because its rate of conversion of crude cereal into poultry meat is very narrow. Besides, the eggs laid by the Poultry are quite nutritious and economical than any other source of animal protein. For popularisation of poultry development in the Pradesh, the work in this direction was taken-up long time back. Finding its economic return, a good number of large poultry farmers and commercial hatcheries have come-up.

Poultry farming can be taken-up by any able bodied person including small children and old persons and thus can be a contributory source to family income with small initial investment. During the Eighth Plan, it is proposed to strengthen the existing infrastructure at the departmental poultry farms to meet the increasing demand of day old chicks. It is also proposed to provide service facilities to the poultry farmers in the form of organising regular availability of poultry feed and assisting the poultry farmers in marketing their produce. This extension staff would also take care of control of poultry diseases. It is targetted to improve the egg production from 50 million per annum to 80 million during the terminal year of the Eighth Plan. For the development of Poultry an outlay of Rs. 11.40 lakh was approved for the Annual Plan 1991-92. Against this, an outlay of Rs. 14.15 lakh has been proposed for the Annual plan 1992-93 out of the total proposed outlay of Rs. 96 lakh for the Eighth Plan. The schematic details are as under :

(Rs. in Lakh)

Item	Approved outlay Annual Plan (1991-92)	Proposed outlay Annual Plan (1992-93)	Proposed outlay Eighth Plan (1992-97)
1.	2.	3.	4.
<b>1. <u>General Plan</u> :</b>			
a) Continuation of exp. on Project for Poultry Dev. self Employment in Shimla, Bilaspur & Una District (50:50)	5.00	5.75	38.80
b) Cont. of expenditure on Strengthening of existing Poultry Farms.	3.40	5.00	35.20
<b>Sub Total :</b>	<b>8.40</b>	<b>10.75</b>	<b>74.00</b>
<b>2. <u>Tribal Plan</u> :</b>			
a) Popularisation of Poultry Production.	3.00	3.40	22.00
<b>Sub Total :</b>	<b>3.00</b>	<b>3.40</b>	<b>22.00</b>
<b>Grand Total :</b>	<b>11.40</b>	<b>14.15</b>	<b>96.00</b>

## 7. Sheep and Wool Development :

The total sheep population in Himachal Pradesh is about 11 lakh according to 1982 cattle census. Sheep rearing is being practised in Himachal Pradesh in two forms i.e. as a mixed farming where each family is owning a few sheep to meet their domestic requirement of wool and second is in the form of large flock, which is basically so popular with nomad Gaddi tribe of the Pradesh. Thus, in the tribal areas and other high hills, this is whole time vocation and is the chief source of livelihood. The activities taken-up by the department have brought in substantial awakening amongst the sheep owners and the demand for improved rams from the farmers has increased manifold, but the existing farms are not in a position to meet the increasing demand. During the Annual Plan 1991-92 an outlay of Rs. 30.49 lakh has been approved under this scheme. Against this, an outlay of Rs. 37.50 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed provision of Rs. 242.70 lakh for the Eighth Plan. The schematic details of the outlay are as under :

(Rs. in Lakh)			
Item	Approved outlay Annual Plan (1991-92)	Proposed outlay Annual Plan (1992-93)	Proposed outlay Eighth Plan (1992-97)
1.	2.	3.	4.
<u>Sheep and Wool Development</u>			
<u>1. General Area Plan</u>			
i) Sheep Production in Sirmaur Distt. (50:50)	0.45	0.50	3.50
ii) Continuation of Exp. on Sheep Farms extension Centre & Establishment of Ram Centre - Sheep disease Control etc.	2.60	3.00	21.50
Sub Total :	3.05	3.50	25.00
<u>2. Backward Area Plan</u>			
i) Popularisation of Rabbits, Sheep production and marketing of Wool, extension Centres and GIA to Wool Federation.	6.94	10.50	63.00
Sub Total :	6.94	10.50	63.00

	1.	2.	3.	4.
<b>3. Component Plan</b>				
i) Education & Training & GIA to Wool Federation.	13.50	15.50	104.70	
Sub Total :	13.50	15.50	104.70	
<b>4. Tribal Sub-Plan</b>				
i) Continuation of Exp. on Strengthening of Sheep Farms, Karchham, extension Centres, Transit Camps & Popularisation of Sheep, Rabbits, Pashmina Goats, Sheep Health Cover and GIA to Wool Federation.	7.00	8.00	50.00	
Sub Total :	7.00	8.00	50.00	
Grand Total :	30.49	37.50	242.70	

#### 8. Other Livestock Development :

Under this category, the Animal Husbandry Department has already established Rabbit breeding farm and Spiti Pony Farm. Angora Rabbit for production of fur has caught the imagination of educated farmers and the stock by the private breeders is in great demand and, therefore, during the Eighth Plan, it is necessary to augment the activities of these farms and also provide extension service to the newly inducted rabbit farmers. For implementing the various programmes under this head, an outlay of Rs. 13.75 lakh was approved for the Annual Plan 1991-92. Against this, an outlay of Rs. 15.90 lakh has been proposed for the Annual Plan 1992-93 out of the proposed outlay of Rs. 106.65 lakh for the Eighth Plan. The schematic details of the outlay are as under :

(Rs. in Lakh)

Item	Approved outlay Annual Plan (1991-92)	Proposed outlay Annual Plan (1992-93)	Proposed outlay Eighth Plan (1992-97)
1.	2.	3.	4.
<b>OTHER LIVESTOCK :</b>			
<b>1. General Plan :</b>			
i) Expenditure on Horse Breeding units and subsidy for production of Mules (50:50)	2.15	2.45	16.65
ii) Cont. of Expenditure on Angora Rabbits, Fur Animals production and Pilot scheme & Special Development Project for sheep angora Rabbit dev. on lines of Registered Societies bases-provision for margin money etc.	5.60	6.55	45.00
Sub Total :	7.75	9.00	61.65
<b>2. Tribal Area Sub Plan :</b>			
i) Breeding Facilities & Holding of shows, competition & special Dev. Project for Sheep/Angora Rabbit Dev. on the lines of Registered Societies.	6.00	6.90	45.00
Sub Total :	6.00	6.90	45.00
Grand Total :	13.75	15.90	106.65

**9. Feed & Fodder Development :**

So far, fodder development has not been owned by any department though Agriculture and Forest Departments have been charged with this responsibility since long. Recently, this department has been designed as the nodal agency and for taking up fodder development, pasture development and grassland improvement work in the right direction. A provision of Rs. 13 lakh was approved for the Annual Plan 1991-92 for implementing the various schemes under this head. Against this, an outlay of Rs. 8.75 lakh has been proposed for the Annual Plan 1992-93 out of the total provision of 58 lakh for the Eighth Plan period.



**10. Veterinary Research :**

One of the allied activity of the Animal Husbandry Department is also to carry the Veterinary Research in the field of epidemiology, cross breeding and vaccination against the Foot and Mouth diseases etc. For the Annual Plan 1991-92, an outlay of Rs. 2.53 lakh was approved for implementing this scheme. Against this, an outlay of Rs. 4 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 27 lakh for the entire period of Eighth Plan.

**11. Capital outlay for Buildings :**

For the construction of the various institutional buildings an outlay of Rs. 24.19 lakh was approved for the year 1991-92. Against this, an outlay of Rs. 38.60 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 245.60 lakh for the entire period of Eighth Plan. This also includes provision for component Plan, Backward area plan and Tribal sub Plan.

#### 4. DAIRY DEVELOPMENT :

(Rs. in Lakh)

Seventh Plan actual expenditure	(1985-90)	290.38
Annual Plan actual expenditure	(1990-91)	102.01
Annual Plan approved outlay	(1991-92)	105.00
Annual Plan actual expenditure	(1991-92)	105.00
Annual Plan proposed outlay	(1992-93)	114.00
Eighth Plan proposed outlay	(1992-97)	667.00

Livestock raising is an integral part of our agrarian society. Livestock contributes to family requirements of milk and milk products, wool garments and is a source of attraction power for agricultural activities. Besides this, they also meet the requirement of land regarding the farm, yard manure etc. Himachal Pradesh has a cattle population of 21.73 Lakh and buffalo population of 6.16 lakh as per livestock census of 1982. The cattle of Himachal Pradesh are non-descript with low productivity. With the ushering of plan era systematic efforts have been made to improve productive potential by way crossbreeding, animal health cover and adoption of better feeding and management practice. As a result of these efforts the milk production per animal has increased from 529 Grams in 1961 to 1494 grams in cattle and from 2350 Grams in 1961 to 3321 gms. in buffaloes as per the milk production estimates based on 1987-88 data. The total milk production in the year 1987-88 is estimated to be 4.78 lakh tonnes thus the per capita availability of milk to a projected human population of 48.25 lakh works out to be 271 gms. per day.

As the milk production activities substantially supplements the income of rural population, the Department of Animal Husbandry provides an organised outlet for the surplus milk in the rural areas by organising Milk Supply Schemes. These schemes are operating in all the districts of the State excepting Lahaul-Spiti. The milk supply schemes undertaken during various plan period are as under :

1. Mandi Milk Supply Scheme	1964-65
2. Nahan Milk Supply Scheme	1965-66
3. Shimla Milk Supply Scheme	1971-72
4. Kangra Milk Supply Scheme	1973-74
5. Chamba Milk Supply Scheme	1978-79
6. Nathpa Jhakri Milk Supply Scheme	1980-81
7. Bilaspur Milk Supply Scheme	1981-82
8. Kullu Milk Supply Scheme	1984-85
9. Peo Milk Supply Scheme (Kinnaur Distt.)	1987-88

Milk Chilling Plants of various capacities have been installed under these milk supply schemes and the detail of the Chilling Plants alongwith their installed capacity are given here under :

1.	Mandi District :	
	a) Bhambla	2000 LDP
	b) Kunnu	2000 LDP
	c) Kotli	2000 LDP
	d) Kataula	2000 LDP
	e) Sidhyani	2000 LDP
2.	Sirmaur District :	
	a) Nahan	5000 LDP
	b) Bagthan	2000 LDP
	c) Sarahan	4000 LDP
	d) Renuka	2000 LDP
	e) Rajgarh	2000 LDP
	f) Maryog	2000 LDP
3.	Solan District:	
	a) Darlaghat	5000 LDP
	b) Nalagarh	2000 LDP
4.	Bilaspur District:	
	a) Bilaspur	2000 LDP
5.	Hamirpur District	
	a) Jalari	2000 LDP
6.	Shimla District:	
	a) Jeori	2000 LDP
	b) Kepu	2000 LDP
7.	Kangra District	
	a) Kotla	2000 LDP
	b) Darkata	2000 LDP
	c) Bindraavan	2000 LDP
	d) Milwan	2000 LDP
	e) Raja-Ka-Talab	2000 LDP
8.	Una District :	
	a) Jhalera	2000 LDP
	b) Bangana	2000 LDP
	c) Pubowal	2000 LDP
9.	Kullu District :	
	a) Mohal	2000 LDP
10.	Chamba District :	
	a) Chamba	2000 LDP

## 11. Kinnaur District :

a) Sungra

2000 LDP

National Dairy Development Board carried out an impressionistic survey of the state in the year 1980-81 to assess the potentiality of the state for the inclusion under Operation Flood-II Programme. In accordance with their report, six districts i.e Mandi, Bilaspur, Hamirpur, Solan, Sirmaur and part of Shimla have been identified as potential districts for dairy development and included in the Operation Flood-II.

### Milk Procurement :

The milk procurement in the state is done through a net work of Village Dairy Cooperatives at the village level. The milk from these Dairy Cooperatives is brought to the Chilling Centres in hired vehicles and from these chilling centres either it is sold directly or brought to the Dairy Plants for further processing. There are 3 Milk processing plants in the state located at Totu (Shimla), Chakkar (Mandi) and Dagwar (Kangra). The capacity of each plant is 10,000 litres per day. The milk to the urban consumers is supplied after standardising it to 3.0% Fat and 8.5% SNFD through these plants as Toned milk. While the milk from Dairy Plant, Mandi and Shimla is supplied in poly packs. It is being supplied in cans from Dairy Plant, Dagwar. All major towns of the state are covered through organised supply of milk to the urban consumers.

### ACHIEVEMENTS DURING THE SEVENTH FIVE YEAR PLAN :

The Dairy Plant at Dagwar of 10,000 litres per day capacity have been installed and commissioned during the Seventh Five Year Plan period. In addition to this Chilling Plants of 2,000 litres per day capacity have been installed and commissioned at Milwan, Raja-ka-Talab, Kepu and Sungra. Action for installation of Milk Chilling Centre at Baijnath, Lambagaon in Kangra District and Rekong Peo in Kinnaur District have been initiated. Budget provision for construction of Chilling Centre at Rohru and Chopal in Shimla District have also been made. The chilling centre installed at Kandaghat has been shifted to Kepu. The H.P Milk Federation has initiated steps for augmentation of the capacity of Chilling plants at Bagthan from 2,000 LDP to 5000 LDP and of Dairy Plant, Shimla and Mandi from 10,000 LDP to 20,000 liters per day. The scheme-wise achievements under Animal Husbandry are given below :

#### 1. Milk Supply Scheme, Kangra :

Kangra Milk Supply Scheme was started during the year 1973-74 and under this scheme five chilling centres at Darkata (June, 1973), Kotla (August, 1973), Palampur (November, 1983), Raja-ka-Talab and Milwan (April, 1987) have been established. In order to provide more marketing facilities to the milk producers of the district the department is establishing two more chilling centres

at Baijnath and Lambagaon and these centres are at various stages of completion. A Dairy Plant with a handling capacity of 10,000 litres per day has been established at Dagwar in October, 1986 and the plant has facilities for standardisation and pasteurisation of milk. The plant has also facilities for the manufacture of cream, butter and ghee. Yearwise milk collection during the last five years is as under :

<u>Year</u>	<u>Qty. of milk collected (lakh Ltrs.)</u>
1984-85	5.64
1985-86	6.93
1986-87	7.06
1987-88	8.19
1988-89	7.83
1989-90	6.76
1990-91	7.81

2. Milk Supply Scheme, Chamba :

Milk procurement under Chamba Milk Supply Scheme was started in the year 1978-79. Milk Chilling Centre of 2000 litres capacity has been established in 1985. Milk collection under the scheme, during the last five years is given as under :

<u>Year</u>	<u>Qty. of milk collected (lakh Ltrs.)</u>
1984-85	0.91
1985-86	0.72
1986-87	0.85
1987-88	0.87
1988-89	0.79
1989-90	0.74
1990-91	0.55

3. Milk Supply Scheme, Nathpa Jhakri :

With the taking-up of the construction work of the Sanjay Vidlyut Pariyojna by the H.P. State Electricity Board, there was demand for milk from the staff posted under the Project. Since project site is located at a considerable distance from Shimla town, obviously, it was not possible to meet the milk requirement of the project employees from Milk Supply Scheme, Shimla. As such, Nathpa Jhakri Milk Supply Scheme was included in the Plan proposal for the year 1979-80. Under this scheme one chilling centre was established at Jeori in 1981 and the second centre has been established in Sungra in January, 1988. The milk collection for the last five years is given as under :

<u>Year</u>	<u>Qty. of milk collected (lakh Ltrs.)</u>
1984-85	0.99
1985-86	0.66
1986-87	0.89
1987-88	1.97
1988-89	2.00
1989-90	3.80
1990-91	2.00

#### 4. Milk Supply Scheme, Kullu :

Milk Supply Scheme, Kullu was started during the year 1984-85 and one chilling centre with a handling capacity of 2,000 litres has been established at Mohal in 1984. Milk collection for the last five years is given as under :

<u>Year</u>	<u>Qty. of milk collected (lakh Ltrs.)</u>
1984-85	0.55
1985-86	1.56
1986-87	2.14
1987-88	2.54
1988-89	2.79
1989-90	2.08
1990-91	1.44

#### 5. Milk Supply Scheme, Peo :

In order to meet the requirement of milk at district headquarters Peo the department has taken-up the milk marketing scheme and under this scheme the buildings for chilling centre are under construction and a micro-chilling unit has been purchased which is presently housed in old building of the department. The milk marketing has been taken-up during the year 1988-89.

The H.P. Milk Federation for administrative convenience has divided area of operation into two units viz Mandi Unit comprising of districts of Mandi, Bilaspur and Hamirpur and Shimla Unit comprising of districts of Solan, Sirmaur and part of Shimla. District of Una which was transferred to Milkfed w.e.f. 1st May, 1988 has been included in Shimla Unit for the time being. The achievements of H.P. Milkfed during the Seventh Five Year Plan periods are as under :

Item	Units	Year - Wise Achievement					
		1985-86	1986-87	1987-88	1988-89	1989-90	1990-91
1.	2.	3.	4.	5.	6.	7.	8.
<b>I. Mandi Unit.</b>							
1. No. of Village Dairy Co-ops. (Cumulative)	Nos.						
- Organised		63	80	90	100	100	105
- Functional		48	60	69	77	80	84
2. Milk Producer members.	Nos.	5506	6122	6794	7366	7500	7862
3. Quantity of milk procured	Lakh Lt.	13.01	13.49	22.36	22.82	21.84	21.41
4. Quantity of milk marketed	lakh Lt.						
- Locally		12.25	11.66	11.78	14.47	16.67	15.37
- N.M.G.		3.41	1.48	5.94	2.31	0.93	3.11
5. Qty. of Cattle feed sold	Qtls.	1012	1095	1358	1763	2787	2560
<b>II. Shimla Unit</b>							
1. No. of Village Dairy Co-ops. (Cumulative)	Nos.						
- Organised		57	68	70	90	90	90
- Functional		54	54	55	70	72	73
2. Milk Producer members.	Nos.	4485	7275	7305	7633	7644	7655
3. Quantity of milk procured	Lakh Lt.	28.90	26.96	28.01	24.09	27.76	28.63
4. Quantity of milk marketed	lakh Lt.						
- Locally		18.59	23.16	30.72	37.37	41.53	40.19
- N.M.G.		10.60	5.14	2.80	0.68	1.30	0.42
5. Qty. of Cattle feed sold	Qtls.	1323	1030	990	1800	2405	1310

The total status of procurement and marketing during the Seventh Five Year Plan in the State is given as under:

Milk Procurement

(Figures in Lakh Ltrs.)

Year	H.P. Milkfed	A.H. Department	Total
1.	2.	3.	4.
1984-85	38.66	7.93	46.59
1985-86	41.20	9.36	50.56
1986-87	40.45	10.57	51.02
1987-88	50.37	13.60	63.97
1988-89	46.91	12.92	59.83
1989-90	49.62	13.47	63.09
1990-91	50.04	11.80	61.84

Milk Sale in the Urban Areas of the States :

1984-85	37.11	7.56	44.67
1985-86	30.84	8.82	39.66
1986-87	34.82	12.97	47.79
1987-88	42.50	18.75	61.25
1988-89	51.84	21.24	73.08
1989-90	58.20	23.06	81.26
1990-91	55.56	19.47	75.03

**STRATEGY ADOPTED FOR EIGHTH FIVE YEAR PLAN :**

During Eighth Five Year Plan the efforts to boost up rural economy through dairy development shall be further strengthened. The urban consumers shall be assured whole some milk and milk products at reasonable rates by strengthening the milk processing and marketing system: Keeping in view the objectives, aims and priorities the following line of approach shall be adopted during the Eighth Five Year Plan for implementation of dairy development programme in the state :

1. Augmentation and strengthening of the existing milk supply schemes by reinforcing the existing infrastructure.
2. Completion of various spill-over schemes, under implementation, on priority basis.
3. Extension of milk marketing facilities to untapped potential areas thus enhancing rural income and employment opportunities to the rural poor.
4. Strengthening of the fluid milk marketing system by introducing poly packs as well as indigenous and western milk products.
5. Provision of assistance to the vulnerable social group such as small and marginal farmers, landless labourers and tribal people by providing them loan facilities under various



programmes launched by the Government for purchase of milch animals.

6. Provision of assistance/subsidy to scheduled castes to make milk production remunerative.
7. Organisation of training and extension programme for milk producers so as to expose them to new methods of cattle breeding, feeding, health-cover and management system.
8. Provision of subsidy Grant-in-Aid to milk producers Cooperative Societies for sustained milk production and efficient milk collection.
9. Creation of well developed and organised set-up for effective implementation of Dairy Development Programme in the State.
10. Strengthening and expanding the Village Dairy base of the Federation.
11. Reaching more and more members of rural population by enrolling them in the existing Village Dairy Cooperatives and in the new organised Village Dairy Cooperatives.
12. Making available balanced cattle feed to the rural milk producers through village dairy cooperatives.
13. To popularise cultivated fodder production.
14. Training the members of the Management committees and Secretaries of the Societies.
15. Orientation of farmers on Anand pattern.
16. Establishment of a net work of Micro Chilling Units of 200 litres to 300 litres capacity to reduce the cost of transportation.
17. Capturing about 40% of liquid milk market share in the urban towns of the State.
18. Providing facilities for in job training for various functionaries in the dairy development programme so as to keep them abreast with the latest development of techniques and technology.

#### PROPOSALS FOR EIGHTH FIVE YEAR PLAN :

During the Eighth Five Year Plan, the existing milk procurement, processing & marketing infrastructure is proposed to be further strengthened, to increase the capacity utilisation of the existing facilities and to creat additional facilities in the area which have potentials. The following broad objectives have been identified for implementation of different schemes of dairy development during the Eighth Five Year Plan period :

1. In order to economise on the cost of milk transportation, it is proposed that Micro Chilling Units of 200 to 300 litres capacity each shall be established at society level.
2. New Chilling Units are proposed to be established 2 in Kangra District, 4 in Shimla District and 1 in Bilaspur District and suitable places which would be identified in due course after conducting the potentiality survey.
3. Strengthening of Kangra Dairy by providing additional equipment like Homogenizer, Ice Cream Plant, Flavoured Milk Plant, Storage facilities and Road Milk Tankers.
4. Strengthening of milk processing facilities at Shimla and Mandi Dairy Plants by increasing their capacity from 10,000 litres per day to 20,000 litres per day.
5. Strengthening of chilling facilities at Bagthan from 2,000 litres per day to 5,000 litres per day.
6. Strengthening of facilities for quality control by providing 50 Nos. Milk testers.
7. To popularize use of cattle feed and cultivation of fodder by subsidising transportation cost of cattle feed and cost of fodder seed.
8. Under Tribal Sub-Plan, Milk Supply scheme, Nathpa Jhakri is proposed to be strengthened.
9. In order to involve the participation of Scheduled Castes in this programme in a big way the scheme under Scheduled Castes component plan have also been included.

In order to achieve the above objectives and to enable the milk federation to operate the activities being transferred to it efficiently, Government support, in the shape of grant-in-aid is required to be provided. Now since, the milk Federation would be undertaking the Dairy Development activities in the entire State, it is proposed that the Milk Federation is provided grant in-aid for the old area and for the new area separately.

(Rs. in Lakh)

Scheme	Approved Outlay Annual Plan (1991-92)	Proposed Outlay Annual Plan (1992-93)	Proposed Outlay Eighth Plan (1992-97)
1.	2.	3.	4.
Grant-in-aid to H.P. Milk Federation.			
- For old Areas	65.00	70.00	400.00
- For new Areas	40.00	44.00	267.00
<b>TOTAL</b>	<b>105.00</b>	<b>114.00</b>	<b>667.00</b>

The details of the various schemes/programmes covered under this head of development has been given in the following paragraphs :

For the purpose of administrative convenience the area of operation of H.P. Milk Federation shall be divided in the following three units.

1. Shimla Unit : Comprising Districts of Shimla, Solan, Sirmour and Kinnaur.
2. Mandi Unit : Comprising Districts of Mandi, Bilaspur and Kullu.
3. Kangra Unit : Comprising Districts of Kangra, Una, Hamirpur and Chamba.

1. Shimla Unit :

It is proposed to cover 680 villages through a net work of 100 village Dairy Co-operatives. This will be achieved by organising 20 new village Dairy Co-operatives. The existing VDC's shall also be strengthened and as a result the membership of these village Dairy Co-operatives is proposed to increase from 7,700 to 12,000. It is proposed to achieve the milk procurement level of 38.3 lakh liters by the end of Eighth Plan. The procurement targets proposed for the Annual Plan 1992-93 is 31.5 lakh liters.

Since the peak procurement, during the 8th plan shall be about 15,500 LPD and the capacity of the Dairy Plant is 10,000 LPD, in order to enable handling of increased quantities, it is proposed to expand its capacity to 20,000 LPD.

Liquid milk market which is estimated to be 12,110 LPD on the average during 1991-92 shall be strengthened to come to a level of about 19,500 LPD on the average by the end of 8th Plan.

It is also proposed to maximize the capacity utilization of existing Chilling plants and create additional chilling facilities in the milk potential area still uncovered in the area of operation of Shimla Unit.

The targets proposed for Eighth Five Year Plan are as under :

Item	Unit	Annual Plan (1990-91) Actual Achievements	Annual Plan (1991-92) Anticipated Achievements	Proposed Annual Plan (1992-93)	Proposed Targets Eighth Plan (1992-97)
1.	2.	3.	4.	5.	6.
1. Number of village Dairy Co-operatives (Cumulative).	No.				
- Organised		90	90	92	100
- Functional		73	74	78	94
2. Milk Producer members.	No.	7655	7700	8500	12000
3. Quantity of milk procured	Lakh Lt.	28.63	30.00	31.50	38.30
4. Quantity of milk marketed	Lakh Lt.				
- Locally		40.19	44.20	48.60	71.00
- N.M.G.		1.30	0.42	0.50	1.50
5. Quantity of Cattle feed sold	Qtls.	1310	2000	2200	3200
6. Chilling Capacity	LPD	24000	27000	29000	33000
7. Procuring Capacity	LPD	10000	10000	20000	20000

## 2. Mandi Unit :

It is proposed to cover 720 villages by organising 120 Village Dairy Co-operative Societies by the end of 8th Plan period. 15 new VDC's are proposed to be organised and existing non-functional VDC's shall be revitalised to increase number of functional societies. The existing chilling capacity is proposed to be further strengthened by providing Chilling Units in potential pockets. The number of farmers members which is around 8000 is proposed to be increased to 12,000. It is proposed to achieve the milk procurement level of 28.70 lakh litres by the end of Eighth Plan. The procurement targets proposed for the Annual Plan 1992-93 is 23.60 lakh litres.

Liquid Milk Market which would be around 4200 LPD during 1991-92 is proposed to be further strengthened to achieve a level of 6700 LPD by the end of Eighth Plan.

The capacity utilization of existing chilling plants is proposed to be improved by strengthening milk procurement and extension net work and creating additional Chilling facilities wherever necessary. To achieve this, following targets are visualised for Eighth Five Year Plan period.

Item	Unit	Annual Plan	Annual Plan	Proposed Targets	
		(1990-91) Actual Achievements	(1991-92) Anticipated Achievements	Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.	6.
1. Number of village Dairy Co-operatives (Cumulative). Nos.					
- Organised		105	105	108	120
- Functional		84	85	89	110
2. Milk Producer members.	Nos.	7862	8000	8800	12000
3. Quantity of milk procured	Lakh Lt.	21.41	22.48	23.60	28.70
4. Quantity of milk marketed	Lakh Lt.				
- Locally		15.37	15.40	16.90	24.50
- N.M.G.		3.11	1.00	1.00	0.50
5. Quantity of Cattle feed sold	Qtls.	2560	2810	3100	4530
6. Chilling Capacity	LPD	14000	14000	16000	16000
7. Procuring Capacity	LPD	10000	10000	10000	10000

### 3. Kangra Unit :

Kangra unit will comprise of the Districts of Kangra and Chamba newly being transferred and Una and Hamirpur already with the Federation. Since the civil works at various stages of completed shall be transferred to H.P. Milkfed, these shall be completed expeditiously to ensure that the money already invested

is put to the desired use. These are civil works at Dairy Plant Dagwar, MCC Lamba-g-aon and Baijnath, MCC Chamba and Kullu. Apart from this homogenisation SFM and Ice Cream facilities are proposed to be provided at Dairy Plant, Dagwar.

In order to organise milk procurement on Anand Pattern in this Milk Shed; it is proposed that around 560 villages shall be covered under 80 Village Dairy Co-operative Societies embracing about 8000 farmer members. The following targets have been proposed under Kangra Milk Shed during the Eighth Five Year Plan :

Item	Unit	Annual Plan (1990-91) Actual Achievements	Annual Plan (1991-92) Anticipated Achievements	Proposed Targets Annual Plan (1992-93)	Targets Eighth Plan (1992-97)
1.	2.	3.	4.	5.	6.
1. Number of village Dairy Co-operative (Cumulative). Nos.					
- Organised		20	20	40	80
- Functional		20	20	38	77
2. Milk Producer members.	Nos.	1200	1300	3500	8000
3. Quantity of milk procured	Lakh Lt.	8.36	9.00	16.00	23.50
4. Quantity of milk marketed	Lakh Lt.				
- Locally		16.50	18.00	19.80	29.00
- N.M.G.		--	--	--	--
5. Quantity of Cattle feed sold	Qtls.	--	--	1000	4100
6. Chilling Capacity	LPD	10000	10000	16000	20000
7. Procuring Capacity	LPD	10000	10000	10000	10000

Thus the total projection of Milk Procurement and Milk Marketing in the State by H.P. Milk Federation is as under :

Item	Annual Plan	Annual Plan	Proposed Targets	
	(1990-91) Actual Achievements	Anticipated Achievements (1991-92)	Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
<b>A. <u>Milk Procurement.</u></b>				
1. Shimla-Milk Shed	28.63	30.00	31.50	38.30
2. Mandi Milk Shed	21.41	22.48	23.60	28.70
3. Kangra Milk Shed	8.36	9.00	16.00	23.50
Total (A) :	58.40	61.48	71.10	90.50
<b>B. <u>Milk Marketing.</u></b>				
1. Shimla Milk Shed	41.49	44.62	49.10	73.00
2. Mandi Milk Shed	16.50	18.00	17.90	25.00
3. Kangra Milk Shed	18.48	16.40	19.80	29.00
Total (B)	76.47	79.02	86.80	127.00

## FISHERIES :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	329.77
Annual Plan actual expenditure	(1990-91)	131.35
Annual Plan approved outlay	(1991-92)	140.00
Annual Plan anticipated exp.	(1991-92)	140.00
Annual Plan proposed outlay	(1992-93)	160.00
Eighth Plan proposed outlay	(1992-97)	1000.00

The State of Himachal Pradesh is blessed with some of the finest rivers viz Sutlej, Beas and Chenab Originating from the Permanent glaciers and spring-beds. The river and their branches are bestowed with exotic trout, masheer, snow trout Loaches, indigenous lesser barilas and mirror carps. Besides, there are many natural lakes located in the higher reaches, man made impoundments harbouring more than 78 species of fish belonging to sisordac, Belonidae, Ophiocephalidae and Masteermbelidae and series of pounds dotted especially in sun mountaineous region of the State.

Fisheries in Himachal Pradesh is artisanal in character involving roughly 10,000 families of fishermen and engaging from localised subsistence fishing to highly mobile and intensive fishing. The activities are mainly 'Capture' in character where the fishermen operate varied types of fishing devices in open waters. The fish production of the State is likely to be the order of 4500 tonnes by the end of Seventh Plan periods. Taking the vast and varied resources of the State, this production level of 4500 tonnes hardly commensurate with the tremendous potential of these linear and sprawling waters. During the Seventh Five Year Plan, while considerable efforts were made in exploiting the State's reservoirs to optimum level, the same cannot be said with regard to other fisheries viz trout fishery, riverine fisheries and aquaculture mainly due to lack of manpower and financial and other resources.

Even a conservative estimates would indicate that the water resources of the State have the potential of atleast doubling the level of present fish production by 2000 A.D. This obviously requires strengthening of infrastructure of the department expansion and improvisation of existing fish farms as well as addition of new ones, intensification of aquaculture programme and judicious stocking of the riverine resources.

### Review of Seventh Five Year Plan :

The Seventh Five Year Plan (1985-90) of the department was approved at Rs. 400 lakh. Against this, actual expenditure incurred was Rs. 329.77 lakh. During the year 1990-91 Rs. 131.35 lakh was spent on different schemes of Fisheries and against this, Rs. 140 lakh has been provided during the year 1991-92. The level of physical achievements achieved by the end of 1990-91 and targets likely to be achieved by the end of Annual Plan 1991-92 are as under :



Item	Unit	Seventh Plan (1995-90) Achievement	Annual Plan (1990-91) Achievement	Anticipated Achievement at the end of Annual Plan (1991-92)
1.	2.	3.	4.	5.
1. Fish Production (Inland)	000 Ton.	4620	5200	5800
2. Fish Seed Prod. (Fry.)	Million	18.9	20.0	25.0
3. Fish Seed Farm	No.	5	5	6
4. Trout Seed Fry	Million	1.2	0.67	0.70
5. Nursery Area.	Hect.	13	13	15

In addition to State Schemes, number of centrally sponsored schemes such as National Fish Seed Programme, Fish Farmers Development Agency, Rural Fisheries Programme of running Water Fish cultur and Personal Accidental scheme are also in operation in the State.

Fish seed being nucleus of any fisheries development programme, during the Eighth Five Year Plan the main thrust of the department is to achieve self sufficiency in seed production and stock all the culturable waters bodies of the State, lay more thrust on propagation of aquaculture programme, promotion of recreational fishery and thereby achieving the production level of 8000 tonnes accounting an increase of over 50% over the present level by the end of plan period.

#### Strategy Adopted for the Eighth Five Year Plan :

The main highlights of fisheries development for the Eighth Plan are as under :

1. Maximum thrust is proposed to be laid on Strengthening of infrastructure for Carp and Trout seed production. Six new farms (two trout and four carp farms) would be constructed during the Eighth Plan. Barring Lahaul-Spiti district Fish farms would be set-up in all the districts of the State.
2. Boosting fish production from the reservoirs with an aim to achieve minimum of 100 Kg./ha by the end of plan period. This would be achieved by resorting intensive stocking and other management measures such as installation of impounding nets in the reservoirs.

3. Intensification of aquaculture programme by initiation of a scheme on FFDA on running water fish culture and stocking of all culturable water bodies.
4. Strengthening of infrastructure of the department reorganisation and upgradation of selected categories of posts.
5. Strengthening of extension, survey and training wings of the department.
6. Initiation of Welfare schemes such as relief fund, risk fund for the economically backward fishermen.
7. Provision and development of ornamental/aquarium fishes.
8. Protection and revival of riverine fishery by setting-up a mahseer farm.
9. Commercialization of rainbow trout farming in the State.

An outlay of Rs. 160 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 1000 lakh for the entire period of Eighth Plan.

The schematic details under this head of development are as under :

#### 1. Direction and Administration :

One of the repeated reason attributed to the poor development of fisheries resources of the State is the weak infrastructure of the department when compared to multifacet area of activities. A cursory review would reveal that growth of the department in terms of staff, fish farms and rearing space hardly commensurate with the sprawling water resources available in the State.

At present strength of the directorate comprising one Assistant Director of Fisheries, one Superintendent (Grade-I), six Assistants and eight clerks hardly meet the demand of the work adequately. There is a considerable need for strengthening of the staff at the Directorate as well as at District level. A case regarding up-gradation of selected categories of posts (viz. District Fisheries Officers to Assistant Director Fisheries, Assistants to Superintendents) is already under active Consideration. Being a field oriented department the major activities of the State Fisheries Department are confined in the fish farms and landing centres located through out the length and breadth of the State. This obviously necessitates not only strict control on the staff posted at the farms, but also providing them requisite guidance in breeding, rearing etc. as well as keeping close contact with the farms and fishermen. It has been generally felt that in view of the increased work load

at the headquarters and participation in the various meetings in Shimla and Delhi, the Head of the Department is not able to give justice to the field work. Taking all this in view it is highly appropriate that a post of Joint Director Fisheries be sanctioned in the department who can be made responsible in the absence of Chief Warden of Fisheries at headquarters, besides who can assist the Chief Warden of Fisheries not only in expeditious disposal of various administrative matters but also formulation of new schemes for exploiting the virgin areas.

In line to this, the present concept of district planning-warrants complete reorientation of the department. The department has proposed creation of District Level Cadre in the department so that each district is headed by an officer at least of the level of Assistant Director of Fisheries. In view of the restructuring of the department 1 post of Accounts Officer, 2 posts of Supdt. Grade-II and 4 posts of clerks are proposed for creation.

The work on the construction of office and residential accommodation at Mandi, Nahan, Una, Hamirpur and Jassor are already in progress and would be continued. Similarly, construction work for providing suitable accommodation for officers at Bilaspur, Palampur, Solan and Shimla proposed to be taken-up during the Eighth Plan period.

For the Annual Plan 1991-92, an outlay of Rs. 9.54 lakh was approved for this Scheme. Against this, an outlay of Rs. 11.00 (Rs. 2.50 cap. outlay) lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 100 lakh (Rs. 58 lakh capital outlay) for the entire period of Eighth Plan.

## **II. Inland Fisheries :**

The riverine resources of the State have been estimated to the order of 3,000 kms. About 8,000 fishermen earn their livelihood solely by fishing these rivers and streams. For the Annual Plan 1991-92 an outlay of Rs. 85.22 lakh was approved to promote the inland fisheries in the Pradesh. Against this, an outlay of Rs. 98.40 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 588 lakh for the entire period of Eighth Plan. The schematic detail of the various schemes under operation under inland fisheries in the Pradesh are as under :

(Rs. in lakh)

Name of Scheme	Approved Outlay Annual Plan (1991-92)	Proposed Outlay Annual Plan (1992-93)	Proposed Outlay Eighth Plan (1992-97)
1.	2.	3.	4.
<b>I. Management &amp; Development of Riverine Fisheries:</b>			
i) Conservation of Riverine Fisheries.		2.00	15.00
ii) Conservation of Reservoir Fisheries.		2.50	18.00
iii) Production of Carp Seed.		32.00	259.00
iv) National Fish Seed Prog.		7.40	30.00
v) Angling Facility in Pong Reservoir.		1.00	8.00
vi) Cage Culture Project.	85.22	0.50	10.00
<b>II. Management &amp; Development of Sport Fisheries :</b>			
i) Conservation of Sport Fisheries.		2.00	10.00
ii) Production of Trout Seed.		13.00	95.00
III. Externally Aided Trout Farming Project.		27.00	85.00
IV. Management & Development of Mahseer Fisheries.		11.00	58.00
<b>Total :</b>	<b>85.22</b>	<b>98.40</b>	<b>588.00</b>

The details of the physical targets proposed under the scheme for the Eighth Plan and Annual Plan (1992-93) are as under :

Item	Unit	Anticipated Achievement at the end of Annual Plan (1991-92)	Annual Plan Proposed Targets (1992-93)	Eighth Plan Proposed Targets (1992-97)
1.		2.	3.	4.
1. Fish Production	000 Tones	5800	6300	8000
2. Fish Seed Prod.	Million	25.00	30.00	25.00
3. Fish Seed Farms	Nos.	6	7	9
4. Number of Trout Farms (Hatcheries)	Nos.	6	6	8
5. Nursery Area.	Hect.	20	20	40

Schematic details of the important schemes in operation under inland fisheries programme are as under :-

**Indo-Norwegian Trout-Farming Project :**

Trout Farming Project with Norwegian assistance has been initiated in the Pradesh from the year 1988-89 at a total cost of Rs. 294 lakh excluding the salary component of Project Staff. Out of Rs. 294 lakh assistance in the form of consultancies, equipments and trainings etc. to the tune of Rs. 250 lakh is being provided by the Norwegian Government. The Project envisages setting-up of a modern trout farm at Katrain and transfer of technical know how for raising of table size fish evolving of suitable trout feed and import of improved strain of Rainbow trout. The project also provide for training of personnal in Norway and trout farm Katrain in the various aspects of trout farming. The major infrastructural facilities viz construction of hatchries, raceways, pools, water supply alligements are complete. First lot of one lakh eggs of rainbow trout has already been imported and being reared in the frm. The feed mill has been set-up and will become operation very shortly. The first phase of the project will be coven by 1993-94 later the work on 2nd phase would initiate.

A provision of Rs. 27 lakh has been proposed for the Annual Plan 1992-93 out of the total provision of Rs. 85 lakh for the entire period of Eighth Plan.

**III. Processing Preservation and Marketing :**

The exploitation and marketing of fish from the reservoirs have been completely cooperativ-ised. There are 22 cooperative societies of fishermen working in these reservoirs and each society has been provided with one landing centre. The norms of the staffing of each landing centres have been provided with one Fisheries Officer each oniy, 4 centres have been provided clerks and five centres have 2 weighment assistants each. As such, more staff is required to be posted at ~~these~~ centres to carry out the work smoothly. Similarly as these centres are allocated out of way places, residential and office accommodation are required to be constructed. The work on the establishment of landing centres complexs at Dhameta, Dehra, Nagrota-Surian, Lathiani, Bhakra and Zakatkhana have been taken in hand and are proposed to be completed during the Eighth Plan 1992-97. Two more landing centres complex and two sale depots at important places will be taken in hand during the Eighth Plan.

The reservoirs are already contributing major share of fish production to the State. With the taking-up of the various schemes of reservoir, riverine and pond fisheries development, the production will increase further. in order to market the produce profitably with an emphasis on producers getting remunerative return for their produce, the present system of marketing through specified landing centres alongwith reservoirs is further required to be strengthened. There are 22 co-operative societies in Govind Sagar and Pong Reservoir. In order to run the landing centres already established and to complete

the construction work of various Fisheries complexes, an outlay of Rs. 5.10 lakh was approved for the Annual Plan 1991-92 against this, an outlay of Rs. 4.10 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 20.50 lakh for the Eighth Plan (1992-97). In addition to this, a centrally sponsored scheme namely Personal Accidental Scheme is also operating in the Pradesh. Under this scheme 75% of the insurance premium is paid by the Government and remaining 25% is contributed by the fishermen.

#### **VI. Extension and Training :**

For the Extension and Training programme an outlay of Rs. 11.04 lakh was approved for the Annual Plan 1991-92. Against this, an outlay of Rs. 12 lakh has been proposed for the Annual Plan 1992-93 out of the total outlay of Rs. 70.50 lakh proposed for the entire period of Eighth Plan. Under this programme, the following schemes are under operation in the Pradesh :

##### **1. Assistance to Fish Farm Development Agency :**

###### **a) Management and Development of Pond Fisheries (Fish Development Agency- UNA) :**

Fish Farmer's Development Agency (FFDA) is a Centrally Sponsored Scheme' under which this agency has been established at Una since 1983-84. The Government of India with the main objective of promotion of aquaculture in the State provides grant-in-aid on 50:50 basis for the reclamation ponds, training, extension programme and inputs. The expenditure on staff is met by the State Government. The programme will be continued during the Eighth Five Year Plan 1992-97. A fish seed farm to meet the seed requirement of the agency is under construction at Deoli in Una district and will be completed.

The Agency succeeded in bringing under fish culture over 150 hect. of fallow water of the State. A large number of poor fishermen have been benefitted by the Agency. The scheme is likely to continue and in order to meet the expenditure on this scheme a provision of Rs. 9 lakh was approved for the Annual Plan 1991-92. Against this, Rs. 9 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 50 lakh proposed for the Eighth Plan (1992-97).

###### **b) Management and Development of Pond Fisheries in Running Water (FFDA : Mandi) :**

The Government of India has recently sanctioned another Fish Farmers Development Agency to the State. In view of the paucity of stagnant water ponds the Government of India has directed to run the 2nd Fish Farmers Development Agency on 'Running water fish culture'. Preliminary experiments undertaken by the department in this connection have indicated that fish culture in barricated channel have the potential of yielding 250 kg/100m which if extrapolated comes to 25 t/ha. In the two Valley area of the Pradesh, there are number of perennial streams crossing

virtually the whole of State which can be utilised for fish culture operations. The success of scheme would not only raise fish production in the State but also give an added income to the marginal farmers in addition to improve their distary standard. The beneficiaries would be provided subsidy for construction of race ways and department would ensure availability of seed as well as technical guidance on various fish culture aspects.

In order to implement the above scheme, a provision of Rs. 10 lakh has been kept during the Eighth Plan (1992-97). Out of this, Rs. 1 lakh has been proposed for the Annual Plan 1992-93.

## **2. Strengthening of Extension of Training Programme and Survey of Water-Monitoring of Riverine Resources :**

Extension is probably the weakest link of the department. Barring limited dissemination and training courses undertaken by the Fish Farmers Development Agency, the department has no such wing which can be entrusted for dissemination of information on the profitably of fish culture to be interested parties. This obviously is acting as a major bottleneck in promoting aquaculture programme in the State. Not with-standing extension support, the extension and survey wing can provide ready information to tourists and anglers who visit the State for game fishing. The local people in the absence of suitable information show no interest in aquaculture programme. In order to promote aquaculture in a big way there is an urgent need to set-up an Extension and Survey wing in the department. During the Eighth Five Year Plan, it is proposed to set-up a wing which would be made responsible for extension and survey activities of the department.

An outlay of Rs. 0.37 lakh was approved for this programme for the Annual Plan 1991-92. Against this, an outlay of Rs. 1.50 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 14 lakh for the entire period of Eighth Plan .

## **3. Training :**

It is extremely important that periodical exposure be given to the field staff on the recent innovations in fisheries science. The seed production technologies, the designing of hatcheries, rearing technologies are fastly changing not only in advanced countries but within the country also. It is, therefore, highly appropriate that staff be sent for trainings to National or International institutes so as to learn the latest techniques in fish farming, stock management, stream improvement, gear and craft technologies etc. For the junior field staff, training centre is being set-up at Deoli fish farm (Bilaspur district) so as to cater the demand of in-service staff. The department would continue to sponsore the inservice personnels to Central Institute at Barrackpore and Chinhat. The construction of training centre at Deoli fish farm will be completed. This centre would be managed by the Training Superintendent assisted by ancillary staff, and they would be responsible to impart

training to the fish farmers as well as the subordinate staff of the department.

An outlay of Rs. 1.67 lakh was approved under this scheme for the Annual Plan 1991-92. Against this, an outlay of Rs. 1.50 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 6.50 lakh for the entire period of the Eighth Plan.

#### **V. OTHER EXPENDITURE :**

##### **1. Creation of Risk Fund :**

Fishing in the reservoir is a hazardous job. In order to provide social security to the fishermen in case of accident resulting in death or disability, a scheme for accidental insurance has been introduced under centrally sponsored scheme since 1983-84. The fishermen who are a poor lot belonging to weakest section of the society have to undergo great hardships while fishing in the reservoirs, braving the wagers of nature. Despite this, they suffer losses of their equipment like nets, boats and tents during the storms which are frequent in the reservoirs during the summer months. The department has been constantly receiving requests for assistance for replacement of nets and boats lost during such natural calamities. It is, therefore, proposed to create a risk fund of Rs. 5.00 lakhs in which contribution will be made by the State Government as well as the fisheries cooperative societies.

An outlay of Rs. 0.10 lakh was approved for this fund for the Annual Plan 1991-92. Against this, again an outlay of Rs. 0.10 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 1 lakh for the entire period of Eighth Plan.

##### **2. Promotion and Development of Aquarium Fisheries :**

The water quality of Himachal Pradesh offers congenial conditions for breeding and rearing of variety of ornamental fishes such as *Carrasius* commonly known as 'gold fish.' There is considerable scope for development of gold fish and other ornamental fishes under pilot scheme. Besides being an economic proposition the production of ornamental fishes can provide job to educated unemployed youth of the State as well as has the potential of boosting tourism industry of the State.

It is, therefore, proposed to renovate the existing Aquarium building at Deoli (District Bilaspur) to act as a tourist spot for the district. Aquarium would also be set up at important places in Shimla and Renuka lake. The programme of production and propagation of Aquarium fishes will be carried out by a unit headed by a Fisheries Officer with supplemental staff.

An outlay of Rs. 1.40 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed provision of Rs. 10 lakh for the entire period of Eighth Five Year Plan.



**VI. Special Component Plan for Scheduled Castes and Tribal Sub Plan :**

For the special component plan and Tribal Sub Plan the following financial provision has been made to carry out the various programmes for the promotion of fisheries in the Pradesh:

(Rs. in Lakh)			
Item	Approved Outlay Annual Plan (1991-92)	Proposed Outlay Annual Plan (1992-93)	Proposed Outlay Eighth Plan (1992-97)
1.	2.	3.	4.
1. Special Component Plan	18.00	21.00	125.00
2. Tribal Sub-Plan.	11.00	12.00	85.00

**Physical Targets :**

The following physical targets has been proposed under Special Component Plan for Scheduled Castes and Tribal Sub-Plan under head Fisheries for the Eighth Five Year Plan and Annual Plan (1992-93) :

Sub-Plan / Item	Unit	Cum-ulative Anticipated Achievement at the end of Annual Plan (1991-92)	<u>Proposed Target</u> Annual Plan Eighth Plan (1992-93) (1992-97)	
1.		2.	3.	4.
1. <u>Special Component Plan for SCs.</u>				
i) IRDP Non - IRDP Persons benefited	Nos.	861	618	2460
2. <u>Tribal Area Sub-Plan</u>				
i) Trout Eggs	lakh	5.58	3.00	5.00

## 6. FORESTRY AND WILD LIFE :

### a) FORESTRY :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	10149.30
Annual Plan actual expenditure	(1990-91)	2540.19
Annual Plan approved outlay	(1991-92)	3135.00
Annual Plan anticipated exp.	(1991-92)	3135.00
Annual Plan proposed outlay	(1992-93)	4400.00
Eighth Plan proposed outlay	(1992-97)	34667.00

Himachal Pradesh is one of the premier States of Himalayan Region which form catchments of main rivers of northern India and whatever happens to the watersheds in the region has its effect on the flow of water and transport of sediments to the rivers and reservoirs downstreams. The maintenance of adequate forest cover in the State is, therefore of great importance.

Forests as the saviours of a civilization is a recognised fact. Keeping in view the multifarious tangible and intangible services rendered to humanity, the forests, their management and conservation have since the past few decades become a prime global concern. Due to a strategic position of hilly areas in the whole biosphere, conservation, propagation of forests becomes more significant.

In a progressive economic development, it is envisaged to step up the available resources exploitation to the most optimum level on a sustained basis. In Himachal Pradesh amongst various resources power generation has attained great significance. For the sustenance and long operative age of the important hydro-electric projects and adequate vegetative cover in the catchment areas is a basic requirement. The National Forest policy prescribes that in consonance with the general principles for the preservation and development of forest resources the State can formulate its own policy. Himachal Pradesh formulated its own State Forestry policy during Sept., 1980 in which it has been envisaged to bring atleast 50% of the total geographical area under forest by the year 2000 A.D. As such the main thrust of the Five Year Plans in Forestry Sector is on development of Forests.

To achieve the goals set forth in the National/State Forest Policy, the following progressive steps were taken during the various plans in the Pradesh.

1. Forest working has been completely nationalised both in the State Forest and the private forest areas, thus eliminating the contractors agency.
2. For conservation and protection of forests, important administrative steps and legislative measures taken are:
  - a) Enactment of H.P. Land Preservation Act of 1978 by which fellings in the private areas are being regulated.

- b) H.P. Forest Produce (Regulation of Trade), Act, 1982 which prohibits sale of trees by any private owner to any one except the H.P. State Forest Corporation.
  - c) H.P. Specific Corrupt Practices Act, 1984 to deal firmly against the unscrupulous timber smugglers and officials has been enforced.
  - d) Enactment of H.P. Preservation & Maintenance of Essential Commodities Act, 1984. This is a preventive detention Act to deal firmly with persons working pre-judicial to the interests of preservation of the forests etc.
3. Ambitious programme of planting has been taken-up with the involvement of people. World Bank assisted Social Forestry (UMBRELLA) Project has been launched to plant private waste land and degraded forest areas. Farmers are being encouraged to raise Kisan Nurseries to involve people in the plantation programme.
  4. Policy decision has been taken to maintain the plantations for a minimum period of seven years as against the existing programme of maintaining the same for three years.
  5. Policy decision for deployment of chowkidars-cum-malis for the watch, and ward and upkeep of plantations has been taken. This will serve a dual purpose of giving employment to the rural people on one hand and protecting the plantations on the other.
  6. Monitoring and evaluation of plantations is receiving greater attention. Departmental Evaluation Committees as well as the State Level Committees have been constituted. Systematic procedure for monitoring and evaluation of plantations have been taken-up. Prizes are also given for raising best plantations to officials, schools, colleges and panchayats.
  7. Decision to take-up revenue and forest settlements simultaneously to avoid any conflicting discrepancies between the two settlements. Work in Shimla and Kinnaur districts has already been taken-up besides settlement operations in Chamba and Mandi districts. Out of 12 districts, work has already been started in four districts.
  8. Intensive plantation of poplar is a substitute to fir, spruce for packing cases are being taken-up both in the private as well as Government forests.
  9. Decisions has also been taken to provide alternative to wooden packing cases by manufacturing corrugated cartons with high strength craft paper in the State. A beginning has already been made by providing carton boxes to orchardists as a preparatory step towards switchover to the alternative to wooden packing cases.

10. Towards protection of forests, centrally sponsored scheme "Development of infrastructure for protection of forests from biotic interference" has also been approved by the Government of India on 50:50 sharing basis between the State and the Centre.
11. A policy decision has also been taken that no new forest based industries will come-up without feasibility study of raw material.
12. A policy decision ~~has~~ been taken that no forest officer will be considered for promotion to the post of Conservator of Forests till he has performed working plan duty.
13. Fire-wood depots for supply of fuel wood to rural people at all Block Headquarters have also been established.

With the experience gained in the past and to continue schemes undertaken during the 7th Plan relevant to development of forests within the ambit of State Forestry policy formulated during 1980, the priority areas for the Eighth Plan are as under:

- i) Settlement, demarcation and consolidation of Forest areas to be undertaken on war footing to identify the areas and avoid any encroachments.
- ii) Inventory Planning, Resource Management and Assessment of Forest potentials. Remote sensing Technology is to adopt for supplementing the traditional methods of Forest resources survey.
- iii) Heavy Plantation cost, maintenance of plantations for subsequent years, soil erosion problem and threat to costly Hydro-electric projects has been due to unabated and constant pressure of overgrazing in the forests by cattle including sheep and goats. A clear cut grazing policy at National level and for hilly areas in particular is to be formulated. Schemes for establishment of "Go-Sadans" in each Tehsil supplemented with pasture development both in high hills and near the habitation require consideration.
- iv) Due to scarce financial resources many old areas (Plantation and natural) are in a state of neglect which is further reflected in poor survival rate. These areas need to be maintained. Special maintenance scheme of old plantation areas is required to be provided. This scheme can be considered for provision as a Central Sector Scheme.
- v) Establishment of comprehensive extension agency for educating people to be considered as a Central Sector Scheme.
- vi) Integrated catchment area approach for forestry and Soil Conservation to be adopted.

- vii) All Hydro-electrical projects to be provided for hundred percent funding in the project cost itself for treating and afforesting the catchment areas of project.
- viii) Soil and Water Conservation programme to be considered to national importance.
- ix) Need of organising comprehensive training to be considered on priority.
- x) For development of Wild Life, minimum of 15% of plan outlays to be earmarked as per recommendations of Wild Life Management Board.
- xi) Enhanced production of fodder and pasture improvement with 100% assistance from Central Government.
- xii) Raising of large scale plantations of Industrial wood and short rotation fast growing tree crops.
- xiii) Social and Farm Forestry programme for raising fuel, fodder and small timber species.
- xiv) To develop forestry as support to the rural Economy and tribal development.
- xv) On account of moratorium on green fellings loss in revenue to be compensated by Central Government.

The above suggested strategy by and large takes care of the goals set forth in the State Forest Policy. Under the Forestry Sector, the main thrust will be on raising plantations under Social Forestry and Production Forestry Programmes. The approved outlays for the Annual Plan 1991-92 was Rs. 3135 lakh under this head of development. Against this, an outlay of Rs. 4400 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlays of Rs. 34667 lakh for the entire period of Eighth Plan.

The details of physical achievements made during the Seventh Five Year Plan, Annual Plans and proposed targets for the Eighth Plan are as under :

<u>Physical Achievement/Targets under various Forestry Programmes</u>					
<u>Sr. No.</u>	<u>Item</u>	<u>Unit</u>	<u>Cumulative Achievement at the end of 1991-92</u>	<u>Proposed Annual Plan (1992-93)</u>	<u>Targets Eighth Plan (1992-97)</u>
1.	2.	3.	4.	5.	6.
1.	Quick Growing Species	Hect.	15512	1250	8400
2.	Economic Plantation	Hect.	16304	1295	8400
3.	Pasture improvement	Hect.	7177	950	6400
4.	Plantation under National Social Forestry Project	Hect.	144904	21995	110000
5.	Fuel/Fodder Project	Hect.	4180	2500	15640

The schematic details are given as under :

**I. FORESTRY :**

**1. Direction and Administration :**

This is a staff oriented on-going scheme since previous plans. Keeping in view various activities of the department, forest management needs to be intensified and strengthened. The approved outlay under this scheme for the Annual Plan 1991-92 was Rs. 15 lakh. Against this, the proposed outlay for 1992-93 is Rs. 18 lakh out of the total proposed-outlay of Rs. 100 lakh for the entire period of Eighth Plan.

**2. Statistics :**

This again is a continuing scheme comprising a statistical wing of the department. The need for strengthening the statistical Units as recommended by the 'National Commission on Agriculture' has also been emphasized in the conference of Secretary (Forests) under this scheme at New Delhi. The approved outlays under this scheme for the Annual Plan 1991-92 was Rs. 6 lakh. Against this, the proposed outlay for 1992-93 is Rs. 7 lakh out of the total proposed outlay of Rs. 35 lakh for the Eighth Plan.

**3. Extension and Training :**

**a) Extension and Publicity :**

In view of the different activities coming-up in the Department it become imperative to arouse the awariness of masses and involvement of people in the Forestry development works. The significance of Forest Conservation and propogation is the main objective of the scheme, which is to be achieved through extension programmes. The approved outlay under this scheme for Annual Plan 1991-92 is Rs. 13 lakh. Against this, the proposed outlay for 1992-93 is Rs. 13 lakh out of the proposed outlay of Rs. 90 lakh for the entire period of Eighth Plan.

**b) Education and Training :**

This is an on-going scheme since Fifth Five Year Plan. Under this scheme training is imparted to the subordinate executive staff i.e. Forest Guard, Dy. Ranger at H.P. Forest Training School Chail. The approved outlays under this scheme for the Annual Plan 1991-92 was Rs. 3.18 lakh. Against this; the proposed outlay for the Annual Plan 1992-93 is Rs. 4 lakh out of the total proposed outlay of Rs. 30 lakh for the entire period of Eighth Plan.

**c) Forest Research and Training :**

With increasing pressure on the Forests, applied research in the forestry is gaining significance. Establishment of seed stand, preservation plots and bio-sphere reserves etc. are among the various activities taken-up under this scheme. The approved

outlay for carrying out various activities under this scheme for the Annual Plan 1991-92 was Rs. 1.82 lakh. Against this, an outlay of Rs. 2 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 15 lakh for the entire period of Eighth Plan.

#### **4. Survey of Forest Resources :**

This scheme envisages aerial survey of forest areas to determine the forest resources available in the State. To update this information, counter checks with the ground survey is to be done. Taking-up of development programmes on watershed basis requires purchase of aerial photographs and other maps which is done under this scheme. The approved outlay for this scheme for the Annual Plan 1991-92 was Rs. 2 lakh. Against this, again an outlay of Rs. 2 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 15 lakh for the entire period of Eighth Plan.

#### **5. Forest Conservation and Development :**

##### **a) Survey and Demarcation :**

In order to eliminate chances of illicit felling and incidence of encroachment due to ill defined boundaries, the forests are to be demarcated by fixing boundary pillars. The survey operations as envisaged under this scheme are to be carried out. For the Annual Plan 1991-92 an outlay of Rs. 110 lakh has been approved for the implementation of this scheme. Against this, an outlay of Rs. 120 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 650 lakh for the entire period of Eighth Plan.

##### **b) Working Plan Organisation :**

For the scientific forestry and management of the forests, revision and up-dating of working plans is an important prerequisite to achieve the goal. An outlay of Rs. 13 lakh was approved for the Annual Plan 1991-92 to carry out this scheme. Against this, an outlay of Rs. 15 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed provision of Rs. 100 lakh for the entire period of Eighth Plan.

##### **c) Forest Protection :**

i) **State Scheme :** Protection of forests under the increasing biotic pressure becomes more significant. To ensure this, an effective and adequate infrastructure needs to be developed. The approved outlay for the Annual Plan 1991-92 was Rs. 10 lakh. Against this, proposed outlay for the Annual Plan 1992-93 is Rs. 12 lakh out of the total proposed outlay of Rs. 100 lakh for the entire period of Eighth Plan.

**ii) Development of infrastructure for protection of forests from biotic interference :**

This is a 50:50 sharing Centrally Sponsored Scheme. For this scheme an outlay of Rs. 5 lakh was approved for the Annual Plan 1991-92. Against this, the proposed outlay for 1992-93 is Rs. 7 lakh out of the total proposed outlay of Rs. 40 lakh for the entire period of Eighth Plan. The main objective of the scheme is to improve communication system, provide mobility to the staff for detecting illicit fellings and encroachments and establishment of Fire Watch Towers for detecting incidence of fire so that rescue teams for fire fighting could be sent at once.

**iii) Development of Trekking Routes :**

This is a new scheme launched during 1990-91. Under this scheme attention will be given for the development of infrastructure like trekking routes, camping sites, log huts in the interior areas. This will supplement the activities relating to tourism development as well. The approved outlay for this scheme for the Annual Plan 1991-92 was Rs. 5 lakh. Against this, an outlay of Rs. 15 lakh has been proposed under this scheme for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 100 lakh for the entire period of Eighth Plan.

**iv) F.A.O. Introduction of Modern Forest Fire Control Methods Project :**

This project is proposed to be taken-up during the 8th Plan period with F.A.O. assistance. A token provision of Rs. 10 lakh has been kept for this project during the Eighth Plan.

**6. Social and Farm Forestry :**

The schematic details of the various activities being carried out under Social and Farm Forestry are as under :

**i) National Social Forestry (UMBRELLA) Project :**

The project has been launched since April, 1985 with the World Bank and USAID assistance. The total approved outlay for the first phase of the project was Rs. 55.47 crore which has been enhanced to Rs. 65.39 crore in mid-term review. The first phase (1985-90) of this Project has been extended for 3 years i.e. up to 1992-93. As implied by the nomenclature of the scheme, various activities to be under taken with the involvement of public and to abridge the gap of demand and supply of fuelwood, fodder and small timber species in particular. The main components of this project are as under :

- i) Raising and distribution of plants under agro-forestry.
- ii) Raising of plantations on Private Wastelands.
- iii) Community woodlots rainfed and self-help.
- iv) Afforestation of degraded forest lands besides infrastructure for civil works, equipment etc.



In the second phase (1993-98) of this Project, Soil Conservation and Regeneration of forests will also be included. The approved outlay for the Annual Plan 1991-92 was Rs. 2260 lakh.

Against this an outlay of Rs. 3000 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 18000 lakh for the entire period of Eighth Plan.

**ii) Forestry Extension under USAID :**

This is an irrigation department project with USAID. To carry-out the forestry extension activities under this project, an outlay of Rs. 70 lakh was approved for the Annual Plan 1991-92. Against this, an outlay of Rs. 100 lakh was proposed for the Annual Plan 1992-93. The year 1992-93 is the last year of the implementation of this project in the Pradesh.

**iii) C.S.S. Fuelwood and Fodder Projects :**

This is a 50:50 sharing basis centrally sponsored scheme and was included for implementation during 1990-91. This scheme has been introduced to supplement the CSS Rural Fuelwood Plantations and CSS Establishment of Silvi-pastoral Farms scheme. The main objective of the scheme is to ensure intergrated development of all degraded lands in the identifies watersheds. The approved outlay for the Annual Plan 1991-92 was Rs. 115 lakh. Against this, an outlay of Rs. 140 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 700 lakh for the entire period of the Eighth Plan.

**iv) Indo-German Eco-Development Project (Changer Area) :**

This is an integrated project of various disciplines. The Project aims at integrated development of the Changer Area of Palampur Tehsil of Kangra District which forms catchment of lower part of Binwa and Neogal rivers. The approved outlay for forestry component during Annual Plan 1991-92 was Rs. 10 lakh. Against this, an outlay of Rs. 20 lakh has been proposed for the Annual Plan 1992-93 out of the total provision of Rs. 770 lakh for the entire period of the Eighth Plan.

**v) World Bank aided Watershed Development Project for Himalayan Hills (Kandi Area) :**

An integrated watershed development project (Hills) Kandi Area has been launched in the State during 1990-91 with the World Bank assistance. This is an integrated project of various disciplines such as forestry, agriculture, animal husbandry and horticulture. Under this project 50000 hect. areas will be treated in five watersheds of Markanda, Ghaggar Sirsa, Swan and Chakki in the territory of Himachal Pradesh. The approved outlay for the Annual Plan 1991-92 was Rs. 90 lakh. Against this, an outlay of Rs. 350 lakh has been proposed for the Annual Plan 1992-93 out of the total propose outlay of Rs. 5000 lakh for the entire period of the Eighth Plan.

**vi) ODA aided Forest Development Project in the catchment areas of Beas and Sutlej Rivers in Mandi & Kullu districts of Himachal Pradesh :**

This Project is being launched with the assistance of British Overseas Development Council and will cover the Mandi and Kullu Districts of Himachal Pradesh. The main objectives of the Project are :

- a) Soil and moisture conservation in the catchment areas of rivers of Sutlej and Beas and thereby ensuring the longevity of the reservoirs.
- b) To increase the forest cover in the Project area to meet the demands of fuel, fodder and small timber.
- c) To increase the production potential of the areas.
- d) To provide much needed employment to project population.
- e) To improve the animal husbandry practices through well maintained animals and improve the fodder situation in the areas.
- f) To rehabilitate felled and degraded forests in the Project areas.

The proposed outlay under this Project for the Eighth Plan is Rs. 5387 lakh, out of which an outlay of Rs. 100 lakh has been proposed for the Annual Plan 1992-93.

**7. Production Forestry Schemes :**

**i) Quick Growing Species :**

This is an ongoing scheme since the Third Five Year Plan. In view of the existing resources and the increasing demand of Forest produce the growing stock has to be developed and brought to an adequate density. To achieve this objective some quick growing species like Chil amongst the conifers Poplar, Leucena, Robinea, Siris Simaletic are getting attention under this scheme. The approved outlay for the Annual Plan 1991-92 was Rs. 120 lakh. Against this, an outlay of Rs. 140 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 990 lakh for the entire period of the Eighth Plan.

**ii) Economic Importance Species :**

The scheme envisages raising of new plantations and improving of existing growing stocks in respect of industrially important species like Deodar, Fir/Spruce etc. The approved outlay for the Annual Plan 1991-92 was Rs. 120 lakh. Against this, an outlay of Rs. 140 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 990 lakh for the entire period of the Eighth Plan.

### **iii) Regeneration of Chilgoza Pine :**

The scheme earlier started as 100% Centrally Sponsored Scheme has been taken-up in the State Plan during the year 1987-88. The scheme aims at developing Chilgoza Pine nursery and subsequent raising in field. The approved outlay for the Annual Plan 1991-92 was Rs. 3 lakh. Against this, an outlay of Rs. 5 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 20 lakh for the entire period of the Eighth Plan.

### **iv) Pasture Improvement :**

This is an ongoing scheme since the Second Five Year Plan. In this hilly State cattle, sheep and goat mainly depend upon the pasture lands in the higher reaches. Under this scheme the High altitude pasture as well as grazing lands adjoining to villages is taken care of by introducing better grasses and raising fodder trees. Besides these; steps are also taken to prevent Soil erosion. The approved outlay for this scheme for the Annual Plan 1991-92 was Rs. 35 lakh. Against this, an outlay of Rs. 40 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 300 lakh for the entire period of the Eighth Plan.

### **ii. Forest Produce :**

This is an ongoing scheme from the Sixth Five Year Plan. Under this scheme potential utility of some economic broad leaved species in wood based industries is assessed. The approved outlay for the Annual Plan 1991-92 was Rs. 3 lakh. Against this, an outlay of Rs. 4 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 25 lakh for the entire period of the Eighth Plan.

### **III. Communication and Buildings :**

#### **a) Communication :**

This is an ongoing scheme since First Five Year Plan. The scheme envisages to serve the inaccessible productive tracts of forests with adequate communication, thus increasing the out-turn of the produce and its effective management. It aims at providing better means of communication in the shape of jeepable road, bridle path, inspection path etc. in the interest of speedy development. To create this infrastructure an outlay of Rs. 55 lakh was approved for the Annual Plan 1991-92. Against this, Rs. 65 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 500 lakh for the Eighth Five Year Plan.

#### **b) Buildings :**

Duties of the Forest Officers demand that they should stay in the remote forest areas. Under this scheme functional as well as residential buildings are to be constructed. Due to inadequate funds; the housing facilities to the field staff is still not

sufficient. For the Annual plan 1991-92, an outlay of Rs. 65 lakh was approved under this scheme. Against this, an outlay of Rs. 75 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 500 lakh for the entire period of the Eighth Plan.

**IV. Other expenditure including amenities to Staff & Labour :**

The scheme is meant for providing the basic amenities for the staff and labour. The approved outlay for the Annual Plan 1991-92 for this scheme was Rs. 5 lakh. Against this, an outlay of Rs. 6 lakh has been proposed for the Annual Plan 1992-93 out of the total provision of Rs. 100 lakh for the entire period of the Eighth Plan.

6. (b) WILD LIFE :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	308.92
Annual Plan actual expenditure	(1990-91)	102.00
Annual Plan approved outlay	(1991-92)	125.00
Annual Plan anticipated exp.	(1991-92)	125.00
Annual Plan proposed outlay	(1992-93)	145.00
Eighth Plan proposed outlay	(1992-97)	969.00

The fauna of Himachal Pradesh is very impressive, diverse and unique. Among the pheasants there is progression, with the increasing altitude, Kalij in the foothills, Coklas and Monal in the temperate and mid level forests and the snow cock in the alpine areas. The western tragopan a rare and endangered species is an example of bird which is confined only to western Himalayas. Himachal Pradesh has probably the biggest population of Chir pheasant in the world. Small mammals include the himalayan and long tailed Marmots, Himalayan Squirrels, and wolves. Among herbivorous are the Ibex, Serow, Blue sheep, Thar, Musk Deer, Goral and the Yak. Himachal Pradesh represent a large variety of carnivorous, which are either rare or of intermediate status at present like Black Bear, Brown Bear, Himalyan Weasel, Yellow Throated Marlin, Stone Marlin, Wolf, Common Leopard and Lynx. Snow Leopard is a proud representative of the larger cats in the State.

At present there are two national parks and 28 sancturies in the State. The total area under both categories of protected areas is 3948 sq.km. which is about 3.1% of the total area of the State. The State Government has prohibited felling of trees for commercial purposes in both the national parks and 28 sancturies.

Under the development head, wild life the following activities are being carried in the Pradesh :

1. To protect, develop and scientifically manage the wildlife in the protected areas.
2. Bring more area under the protected area net work.
3. Protect the wildlife and its habitat in areas outside the protected areas.
4. To carryout integrated Eco-Development work in the vicinity of protected areas to reduce the biotic pressure in protected areas.
5. To carry out the captive breeding and rehabilitation of endangered species.
6. To create nature awareness among local people in general and youth in particular and also to involve the non Governmental organisation.

7. To carryout field research regarding wildlife of Western Himalayas.
8. To establish a zoological park for Western Himalayas.

For the Annual Plan 1991-92 an outlay of Rs. 125 lakh has been approved to carry out the various activities under wild life. Against this, an outlay of Rs. 145 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 969 lakh proposed for the Eighth Plan period. The details of the financial outlays under various State Centrally Sponsored Schemes are as under :

(Rs. in Lakh)				
Sr. No.	Sectors/Scheme	Approved Outlay Annual Plan (1991-92)	Proposed Outlay	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
<b>I. State Schemes :</b>				
	i) Wildlife Management & Nature Conservation	10.00	20.00	100.00
	ii) Improvement & Development of Wildlife Sancturries	25.60	15.00	200.00
	iii) Development of Himalayan Zoological Parks	29.40	40.00	219.00
	iv) Strengthening of Wildlife Wing	--	--	40.00
	Sub Total :	65.00	75.00	559.00
<b>II. Central Sector Schemes :</b>				
	i) Intensive Management of Wildlife Sancturries	28.94	36.00	235.00
	ii) Awareness for Nature & Wildlife conservation amongst youths	3.97	5.00	30.00
	iii) Captive Breeding and Rehabilitation Programme for endangered species	12.30	10.00	30.00
	iv) Control of Pouching and Illlial trade	2.00	3.00	20.00
	v) Establishment of Great Himalayan Park, Kullu	9.07	10.00	50.00
	vi) Establishment of Pin Valley Natonal Park	3.72	6.00	45.00
	Sub Total :	60.00	70.00	410.00
	<b>Grand Total :</b>	<b>125.00</b>	<b>145.00</b>	<b>969.00</b>

The brief description of some of the important schemes are as under :

## **I. STATE SECTOR SCHEMES :**

### **1. WILD LIFE MANAGEMENT AND NATURE CONSERVATION :**

Under this scheme, payment of relief on account of loss of human being/cattle by the wild animals in protected area is made. For the Annual Plan 1991-92 Rs. 10 lakh was approved under this scheme. Against this, Rs. 20 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 100 lakh proposed for the Eighth Plan period.

### **2. IMPROVEMENT AND DEVELOPMENT OF WILD LIFE SANCTUARIES :**

The area of expenditure under this scheme is staff salary, employment of Fire Watchers and Game Watchers, Labour for census and wild life surveys, habitat improvement works including cutting and maintenance of fire lines, fodder and pasture improvements, weed eradication, plantation and soil conservation work-s etc. For the Annual Plan 1991-92 Rs. 25.60 lakh was approved under this scheme, Against this, Rs. 15 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 200 lakh proposed for the Eighth Plan period.

### **3. DEVELOPMENT OF HIMALAYAN ZOOLOGICAL PARK :**

This is a contiued scheme from the Seventh Five Year Plan and upto the end of this plan period. 6-7 centres for collec-tion of Western Himalayan species were developed in the State under this scheme. Now base is ready to under-take the establishment of Nature park in the state for which surveys and preparation of feasibility report has already been taken-up. During the Eighth Plan period efforts will be made to establish a Zoological Park in the State alongwith the maintenance of the existing collection centres.

For the Annual Plan 1991-92 an outlay of Rs. 29.40 lakh was approved for the development of Himalayan Zoological Parks. Against this, an outlay of Rs. 40 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 219 lakh proposed for the Eighth Plan period under this scheme.

### **4. STRENGTHENING OF WILD LIFE WING :**

It is proposed to Strengthen the wild life wing during the Eighth Plan period. For this purpose Rs. 40 lakh has been proposed for the period of Eighth Plan.

## **II. CENTRAL SECTOR SCHEMES :**

In addition to above mentioned State schemes, number of centrally sponsored schemes are also under operation in the State. The brief description of the schemes is as under :

## **1. INTENSIVE MANAGEMENT OF WILD LIFE SANCTUARIES :**

This is a continued scheme from the Seventh Five Year Plan and is being run with the main assistance being provided by the Government of India. The scheme envisages intensive Management of all the present 28 Wildlife sanctuaries in the State on modern scientific lines. Management plans of some wildlife sanctuaries keeping in view the guidelines of the Government of India have been prepared for the purpose and in respect of remaining sanctuaries, the management plans are being prepared. During the Eighth Plan period, Management Plans of all the wild life sanctuaries shall be prepared. The main emphasis will be on providing necessary infrastructural facilities in all the wildlife santuary areas, protection works, habitat improvement, Research Works, construction/ improvement of roads and paths, const. of water retention dams etc. In addition, it is proposed to create more sanctuaries and to increase the area of the existing sanctuaries in the state during Eighth Plan. During Annual Plan 1991-92, an outlay of Rs. 28.94 lakh was approved as a State share for this scheme. Against this, an outlay of Rs. 36 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 235 lakh for the entire Eighth Plan period.

## **2. AWARENESS FOR NATURE AND WILDLIFE CONSERVATION AGAINST YOUTHS**

This is a continued scheme from Seventh Five Year Plan. Under this scheme, school/colleges students and local youths, are taken to wildlife areas for exposure and creating love in them for wildlife and Nature Conservation. Equipments like Projectors, Films, Camping equipments etc. are required for conducting such tours. Vehicles are also required for transportation. Transportation and food has to be provided free of cost to the students. For the Annual Plan 1991-92 an outlay of Rs. 3.97 lakh was approved for this scheme. Against this, Rs. 5 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 30 lakh proposed for the Eighth Plan period.

## **3. CAPTIVE BREEDING AND RE-HABILITATION PROGRAMME FOR ENDANGERED SPECIES :**

It is a continued scheme from the Seventh Five Year Plan. The Government of India has been providing assistance on 50:50 basis for non-recurring items of works under this scheme. Under this scheme breeding programme of species which are at the verge of extinction will be taken up for ultimate release in the Wild. For the Annual Plan 1991-92 Rs. 12.30 lakh was approved under this scheme as state share. Against this, an outlay of Rs. 10 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 30 lakh proposed for the Eighth Plan period.

## **4. CONTROL OF POACHING AND ILLEGAL TRADE :**

This is a continued scheme from the Seventh Five Year Plan. During the Eighth Plan period, Flying Squads will be created for checking poaching and illegal trade of wildlife products in the State. Vehicles, fire arms, equipments etc. are required for the Flying Squades. Under this scheme, the Government of India



has been providing assistance on 50:50 basis. An outlay of Rs. 2 lakh has been approved for this scheme during the Annual Plan 1991-92. Against this, an outlay of Rs. 3 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 20 lakh proposed for the Eighth Plan period.

#### **5. ESTABLISHMENT OF GREAT HIMALAYAN NATIONAL PARK, KULLU :**

In the year 1984 it was decided to construct a Great Himalayan National Park at Kullu. Due to diverse flora, climate and altitude, the National Park possesses unique varieties of Himalayan Wildlife species. Some of these species are endangered and find mention in the Red Data Book (IUCN) 1978. The main Wildlife species found in the areas are Musk Deer, Barking Deer, Serow, Himalayan Thar, Himalayan Ibex, Blue Sheep, Black Bear, Snow Leporad, Common Leporad amongst animals whereas the main pheasant species are Western Tragopan, Monal, Cheer, Kalij, Koklas and Snow Cock. Out of these, the Snow Leporad, Western Tragopan and Cheer Pheasants though they exist in the Park area yet they are facing a high degree of extinction and require special attention.

A 10 years Management plan of this park based on the guidelines of Government of India has been proposed and stands approved by the State Government for Rs. 645.25 lakh. During the Eighth Plan period, works like construction of office/residential buildings to all categories of staff, construction of bridle paths, Inspection paths, purchase of Research and Laboratory equipment, Habitat improvement, fire protection measures, water facilities to wildlife, soil conservation works etc. will be carried out according to Management Plan. For the Annual Plan 1991-92 Rs. 9.07 lakh has been approved under State share to implement this scheme. Against this, an outlay of Rs. 10 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 50 lakh proposed for the Eighth Plan period.

#### **6. ESTABLISHMENT OF PIN VALLEY NATIONAL PARK :**

The Pin Valley National Park is situated in the Pin Valley of Spiti Sub-division of Lahaul and Spiti District. The area supports unique flora of cold desert eco-system. Pin Valley National Park is one of the few areas where snow leopard which is a highly endangered species in the world is found alongwith its prey species. Besides this, main animals, birds found in this park area are Snow Wolf, Ibex, Himalayan Brown Fox, Himalayan Blue Sheep, Snow Rabbit, Marmots, Weasels, Snow Cock, Chukor, Hill Pigeon, Yellow Billed Chough etc.

This is a continued scheme from the Seventh Five Year Plan and during this period, emphasis has been laid on creating the infrastructure, creation of posts and settlement of rights. During the Eighth Plan period, efforts will be made to develop this park for providing proper protection to Snow-Lepord etc. species found in the area. Works like construction of buildings to all categories of staff, construction of Bridle inspection paths, construction of Water Ponds, Water harvesting structure, Habitat improvement, Fire protection measures, study and Research works,

Soil Conservation works acquisition of rights etc. works will be carried out under this scheme. For the Annual Plan 1991-92 Rs. 3.72 lakh was approved under this scheme as State share. Against this, an outlay of Rs. 6 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 45 lakh proposed for the Eighth Plan period.

**7. AGRICULTURE, RESEARCH AND EDUCATION :**

(Rs. in Lakh)

Seventh Plan actual expenditure (1985-90)	1282.23
Annual Plan actual expenditure (1990-91)	450.57
Annual Plan approved outlay (1991-92)	500.00
Annual Plan anticipated exp. (1991-92)	500.00
Annual Plan proposed outlay (1992-93)	620.90
Eighth Plan proposed outlay (1992-97)	4141.55

After the enactment of Himachal Pradesh University in 1971, the college of Agriculture at Palampur which was established as 3rd campus of Punjab Agriculture University, Ludhiana in 1966 was transferred to Himachal Pradesh University in 1971. The erstwhile Himachal Pradesh University had established two facilities namely (i) Faculty of Agriculture and (ii) Faculty of Forestry under the Agriculture complex at Palampur. After the coming-up of independent Agriculture University in 1978 new faculties were redesignated as (i) Faculties of Agriculture and Animal Science at Palampur (ii) Faculties of Horticulture and Forestry at Solan. Later on in 1985, Faculties of Horticulture and Forestry were upgraded as full fledged University of Horticulture and Forestry and was named as Dr. Y.S. Parmar University of Horticulture and Forestry.

These two Universities are responsible for the entire research support to the State in the field of agriculture, horticulture, forestry, animal husbandry and fisheries. The special emphasis is laid on the need based research and transfer of improved technologies developed in University to the farmers' fields. During the Eighth Plan period, special programmes to train the rural youths in Horticulture, Forestry and in other agricultural vocations will be launched.

The research activities are mainly financed by the ICAR and are also supported by the State Government in the shape of grants-in-aid flows to these Universities which are depicted in the following table :

(Rs. in Lakh)

Sr. No.	Sectors/Scheme	Approved	Proposed Outlay	
		Outlay Annual Plan (1991-92)	Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
<b>1. Agriculture :</b>				
	i) GIA to Himachal Pradesh Agricultura University.	151.00	174.00	1174.00
<b>2. Horticulture :</b>				
	i) GIA to Himachal Pradesh Horticulture and Forestry University.	140.00	200.00	1325.00
<b>3. Animal Husbandry :</b>				
	i) GIA to Himachal Pradesh Agriculture University for Research & Education.	98.00	113.00	779.00
<b>4. Forestry :</b>				
	i) GIA to Himachal Pradesh Horticulture and Forestry University.	105.00	127.00	817.00
<b>5. Fishiries :</b>				
	i) GIA to Himachal Pradesh Agriculture University for Research & Education.	6.00	6.90	46.55
<b>Total :</b>		<b>500.00</b>	<b>620.90</b>	<b>4141.55</b>

**8. INVESTMENT IN AGRICULTURE FINANCIAL INSTITUTIONS :**

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	1784.24
Annual Plan actual expenditure	(1990-91)	333.00
Annual Plan approved outlay	(1991-92)	133.00
Annual Plan anticipated exp.	(1991-92)	133.00
Annual Plan proposed outlay	(1992-93)	55.00
Eighth Plan proposed outlay	(1992-97)	239.00

Under head, Investment in Agriculture Financial Institutions, outlays are provided under Agriculture and Horticulture development heads. The department-wise financial details of the various programmes under operation are as under :

		(Rs. in Lakh)		
Sr No.	Name of Scheme	Approved Outlay Annual Plan (1991-92)	Proposed Outlay	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
<b>I. <u>Agriculture</u> :</b>				
	i) Debenture Support to Land Dev. Bank	10.00	10.00	50.00
	Sub-Total - I :	10.00	10.00	50.00
<b>II. <u>Horticulture</u> :</b>				
	i) Equity to Himachal Pradesh Agro-Inds. Corporation	15.00	15.00	75.00
	ii) Debenture Support to H. P. State Co-op. Land Dev. Bank	7.50	10.00	50.00
	iii) NABARD Assisted Equity to HPMC for rehabilitation	100.50	20.00	64.00
	Sub-Total - II :	123.00	45.00	189.00
	Grand Total :	133.00	55.00	239.00

The brief description of the important schemes is as under :

**(a) Agriculture :**

In order to help the H.P. Land Development Bank in the implementation of Credit scheme for agriculturist debenture support is provided to the H.P. Land Development Bank. For the Annual Plan, 1991-92, Rs. 10 lakh was approved as a debenture support. Against this, an outlay of Rs. 10 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 50 lakh proposed for the Eighth Plan period.

**(b) Horticulture :**

This scheme aims at providing financial support to Agricultural Financial Institution/ Land Development Bank and the public sector undertakings like Himachal Pradesh Horticultural Produce Marketing and Processing Corporation, H.P. Agro Industries Corporation, Agro-Industrial Packaging India Limited etc. for the promotional activities of Horticulture industry in the State. The schematic brief details are as under :

**1. Debenture Support to H.P. Land Development Bank :**

The requirement of funds needed by the orchardists in the form of term loan for the development of Horticulture is being met by the commercial banks and Land Development Bank under the NABARD refinanced Horticultural credit scheme. In order to help the H.P. Land Development Bank in the implementation of credit schemes for the development of Horticulture, necessary debenture support to the bank is provided. For the Annual Plan 1991-92 Rs. 7.50 lakh was approved for this support. Against this, an outlay of Rs. 10 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 50 lakh proposed for the Eighth Plan period.

**2. Share Capital to H.P.A.I.C./H.P.M.C. :**

A provision of Rs. 75 lakh is proposed for providing share capital to the State owned H.P. Agro-Industries Corporation Ltd. so as to help this organisation to meet the needs of funds for the execution of programmes of the corporation for the development of horticultural based industries in the State during the Eighth Five Year Plan (1992-97) and out of which Rs. 15 lakh are earmarked for the year 1992-93. The approved outlay for the Annual Plan 1991-92 was also Rs. 15 lakh.

**3. NABARD Assisted Equity to H.P.M.C. for Rehabilitation :**

On the completion of various infrastructural facilities the corporation faced financial constraints due to various reasons and could not repay the long term debt service liability which becomes due. Consequently National Bank for Agriculture and Rural Development (NABARD), constituted a Task Force under the chairmanship of Financial Commissioner (Dev.)-cum-A.P.C. to the Government of Himachal Pradesh to suggest ways and means for improving the financial viability of the corporation so as to discharge its liabilities in respect of long term loan of various participating commercial banks. The Task Force has submitted its report incorporating a long term cash flow projection assigning

thereby physical and financial targets for the corporation in respect of various activities. Besides assigning targets the Task Force in its meeting held on 7th September has also recommended the funding of accumulated interest upto the out of date of 30th September, 1989. The repayment of principal along with interest as well as the funded interest by the H.P.M.C. would commence from March, 1990 and the payment of entire loan, interest and funded interest would be made out of its operating surplus and through the infusion of funds by the State Government to meet the deficit in the cash generation of the Corporation and due repayment of instalments. For the Annual Plan 1991-92 Rs. 100.50 lakh was approved under this scheme. Against this, an outlay of Rs. 20 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 64 lakh proposed for the Eighth Plan period.

For the implementation of above three schemes by the Horticulture department, an amount of Rs. 123 lakh has been provided for the year 1991-92. For the Annual Plan 1992-93 an outlay of Rs. 45 lakh and for the Eighth Plan an outlay of Rs. 189 lakh has been proposed under head investment in Agriculture Financial Institutions by Horticulture department.

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	4173.91
Annual Plan actual expenditure (1990-91)	780.25
Annual Plan approved outlay (1991-92)	500.00
Annual Plan anticipated exp. (1991-92)	500.00
Annual Plan proposed outlay (1992-93)	380.38
Eighth Plan proposed outlay (1992-97)	4388.13

Marketing and Quality Control schemes are being operated by two departments viz. Agriculture and Horticulture. The department-wise details of the schemes is given in the following paragraphs:

**(a) Agriculture :**

Agriculture department is carrying out the following programmes under head Marketing and Quality Control.

**i) Regulated Markets :**

This scheme envisages establishment of regulated markets, establishment of sub-yard and mandies. The provision has been kept for building and raising necessary infrastructures.

**ii) Grading Services :**

Himachal Pradesh is known for its quality potato seed and seed is exported to various other States after proper grading which ensures the quality and consequently fetches good price of the produce in other markets. This scheme provides for free grading services at the various grading centres which are established during potato crop season.

**iii) G. I. A. to Marketing Board :**

As a result of the activities under various development schemes of the department of agriculture, marketing surplus is available in respect of potato, vegetable and other cash crops. There exists Agriculture Marketing Board which assists the development of healthy marketing activities in order to ensure fair price to the producers. The grant-in-aid is provided to the Board to carry out the above functions.

For the Annual Plan 1991-92, an outlay of Rs. 35 lakh was approved for these schemes. Against this, an outlay of Rs. 55 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 285 lakh proposed for the Eighth Plan period. The scheme-wise financial outlays are as under :



(Rs. in Lakh)

Sr. No.	Name of Scheme	Approved Outlay Annual Plan (1991-92)	Proposed Outlay	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1.	Regulated Markets	27.00	40.00	200.00
2.	GIA to Market Board	3.00	10.00	50.00
3.	Grading Services	5.00	5.00	35.00
Total :		35.00	55.00	285.00

**(b) Horticultural Marketing & Quality Control :**

Himachal Pradesh is the major fruit growing State in the country and has witnessed remarkable progress in fruit production during the last three decades. The success in the orcharding, however, does not stop with the production of fruits but also extend to taking the produce to the consumers through various marketing processes and channels. For getting remunerative prices for his produces, the orchardists need proper facilities for quality control and smooth transport system besides adequate training in the post harvest operations like picking and market advisory services. To create an awareness in the farmers about the market trends in the consuming markets, market information through various media needs to be provided to them so that they can harvest the benefits of remunerative prices prevailing in different consuming markets of the country.

During the Eighth Five Year Plan main stress shall be given on the use of alternative packing cases to the wooden boxes for packing the fruit produce by the farmers and to ensure remunerative prices for their fruit produce by developing effective support price mechanism. The objectives under this programme during Eighth Five Year Plan shall be as under :

1. Collection and dissemination of market information to the fruit growers through the All India Radio.
2. To standardise the picking maturity standards for different fruits for adoption by the fruit growers.
3. To train the fruit growers in the proper techniques of handling, grading and packing so as to establish common trade language between producers, traders and consumers.
4. To evolve and prescribe uniform standards for grading & packing of different fruits for adoption by the fruit growers.

5. To popularise the use of c.f.b. cartons as alternative to the wooden boxes for packing fruit produce.
6. To conduct trials to find the suitability of different types of alternative packing cases.
7. To create market intervention fund for providing support price to the fruit growers to ensure remunerative prices for their fruit produce.
8. To provide financial support to the State marketing Board for the establishment of terminal fruit & vegetable markets in the State.
9. To create post-harvest management infrastructure in the State through co-operative societies with financial support from National Horticulture Board.
10. To provide grant to the hpmc for the publicity of fruit products and fruits of the state.
11. To conduct survey of different fruit markets in the country and publication of periodicals bulletins.
12. Preparation of model whole sale prices of different fruits on seasonal/yearly basis.
13. To provide cold storage facilities at the terminal markets so as to enhance the shelf life of the fruits.

For the Annual Plan 1991-92 an outlay of Rs. 465 lakh has been approved for the implementation of various schemes under operation. Against this, an outlay of Rs. 325.38 lakh has been proposed for the Annual Plan 1992-93, out of Rs. 4103.13 lakh proposed for the Eighth Plan period.

The financial details of the schemes proposed to be implemented by the Horticulture department during the Eighth Plan period are as under :

(Rs. in Lakh)

Sr No.	Name of Scheme	Approved Outlay Annual Plan (1991-92)	Proposed Outlay	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1.	Marketing scheme	5.00	6.00	40.00
2.	Farmers House at Delhi	5.00	5.00	20.00
3.	Subsidy on Cartons & Wooden Boxes	455.00	200.00	3000.00
4.	Support price under Market Intervention scheme	--	100.00	1000.00
5.	Margin Money for the construction of Cold Storage at Calcutta	--	14.38	43.13
Total :		465.00	325.38	4103.13

The Schematic details are as under :

**1. GENERAL MARKETING SCHEME :**

The Marketing division in department of horticulture, Himachal Pradesh was created in the year 1974-75. The commercial aspects of fruit marketing viz. mechanised grading and packing, transportation, storage and whole sale marketing of fruits is being taken care of by the Himachal Pradesh Horticultural Produce Marketing and Processing Corporation Ltd.(hpmc) through the centralised grading and packing house, warehouses, cold storage established under the World Bank Project implemented in the state from the year 1973 to 1982. The technical aspect of the post harvest management of the fruit produce is the responsibility of the department of Horticulture. Under this scheme the following activities are being undertaken :

**a. Market Intelligence and Market Survey Scheme :**

The considerable increase in the fruit production in recent years has resulted in various marketing problems. The margin of profit to the fruit growers is decreasing due to low prices being received by them for his produce as a result of gluts in the markets and also due to hike in the prices of various production inputs. Under such situation the fruit growers have taken utmost care at the time of marketing of his produce. He should have complete information about the consuming markets and should plan despatch the fruit consignment to the markets accordingly so as to ensure better prices for his produce. Therefore, constant survey of the consuming markets for collection of the market intelligence for the information of the fruit growers is a very important aspect of marketing of fruit produce.

Market intelligence relates to the collection of information through market surveys on all aspect of the factors that influence prices such as crop outlook, pace, volumes and source of arrivals in the market, capacity of the market, retention of produce by growers, stock despatches and its destination, market sentiments and trends etc. There are other important factors such as demand and supply at a point of time and over a period of time, which otherwise influence the market prices of the fruits and also needs thorough study.

Therefore, constant study of these factors is very necessary for providing market information to the fruit growers which helps them in taking decisions regarding the despatches of fruit consignments to the favourable market. Such study also helps the state Government in taking policy decisions regarding making of various marketing arrangements like transport, storage supply of packing material, declaration of suport price and opening of collection centres for fruits and policy decision regarding fruit plantation programme.

At present only 25 major fruit markets in the country are being covered under this scheme for conducting market surveys and collections of market intelligence. Keeping in view the over increasing trend in the fruit production in the state, it is very essential to collect market information from all the important fruit markets in the country. There are about 100 major cities in India with a population of over two lakhs people, besides small markets in several towns in the country. The department of horticulture has no staff for the collection of market intelligence and market survey and this work so far is being done through Marketing Authorities in various states by providing honorarium to the staff engaged for this work by them. But it has been experienced that the service being rendered by these agencies is not satisfactory. Therefore, as a long term policy for covering the whole of the country for collection of market intelligence and market surveys for streamlining the flow of fruit consignments to different fruit markets in the state, it is proposed to set-up regional centres in the country under the marketing division of this department by providing one Assistant Marketing Officer centres at Delhi, Bombay, Madras, Banglore and at Calcutta.

The functions of these regional centres shall be to conduct market surveys and collection of market information from all main consuming markets within its area of control and shall supply the information to central control cell at Directorate level. It is, therefore, proposed to cover about fifty improtant fruit markets in the State market survey and collection of market intelligence during Eighth Five Year Plan, and during the year 1991-92, about 25-30 important fruit markets shall be covered under this scheme.

**(b) Grading, Packing, & Quality Control Scheme :**

The importance of proper application of techniques of handling, grading and packing of fruits for enabling the fruit growers to receive remunerative prices for their produce, need not be over emphasised. To create a good-will for the fruit

produced of the State, uniform standards needs to be prescribed by the Government for proper grading and packing of fruit so as not only to avoid malpractices in the trade but also to gain the confidence between the buyers and sellers. As such, besides providing advisory services to the fruit growers in scientific grading and packing etc. it is also necessary that apples and other fruits being marketed through the hpmc system of packing, grading and marketing are also subjected to strict quality control so as to show the impact of modern packing and grading system on the procedures as well as sellers and consumers. The objectives of this scheme is as under :

1. To devise and prescribe uniform standards for grading and packing of different fruits viz. apple, pear, plum, apricot, cherry, peach, mango, citrus, guava etc.
2. To train the fruit growers in the proper techniques of handling, grading and packing of fruits so as to establish common trade language between producers, traders and consumers.
3. To popularise the use of c.f.b. cartons amongst the fruit growers as alternative to wooden boxes.
4. To conduct trials on different packing materials for packing fruit produces.
5. To prepare & publish suitable literature for the guidance of fruit growers.
6. To establish two laboratories for testing the quality of c.f.b. cartons.

During the Eighth Five Year Plan it is proposed to evolve and find the grade standards for different variation of apple, pear, cherry, stone fruits, mango, citrus, guava etc. and to grade and pack about 2 lakh fruit boxes by way of demonstration to the fruit growers and during the year 1992-93, about one lakh boxes shall be graded and packed by way of demonstrations. Besides this two laboratories for testing the quality of c.f.b. cartons shall be set up during Eighth Plan with the assistance of National Horticulture Board, of Government of India.

**c) Scheme for conducting trials on standardisation of maturity and enhancing the storage/shelf life of fruits :**

In the wake of the increased fruit production in the state in recent years, the concept of harvesting fruit at right stage for fresh market and cold storing is going more and more importance with an idea to avoid spoilage of fruit during post harvest period as also to take available the fruits in fresh form to the consumers and for getting better prices from the market. The quality of fruit which has direct bearing on the price factor is determined by the maturity stage at picking time and its handling during post harvest period. Since different fruits and its varieties mature at different stage, therefore, the maturity

standards for picking of different fruits and varieties in different agro-climatic zone and for different purposes i.e. for fresh market, cold storage, for sale in distant markets processing purposes etc. needs to be standardised for the guidance of the fruit growers.

Under this scheme it is proposed to establish a laboratory for conducting trials regarding standardisation of picking maturity for different fruits and use of various chemicals to enhance the storage and shelf life of the fruits. The picking maturity standards for apple, peach, plum, apricot, pear, cherry mango, citrus, guava etc. shall be standardised for different agro-climatic zones.

**2. Scheme for providing support price to fruit growers under market intervention scheme :**

During the heavy crop year the fruit growers receive very low prices from the market as a result of glut in the market. This situation is also faced by them when the crop is damaged by weather vagaries like hail storms. Therefore, to stabilise the market prices for fruit and to save the fruit growers from economic losses, the State Government is providing support price to the fruit growers on the fruit produce under the market intervention scheme of the Government of India. The 50% investment under this scheme shall be met by the State Government and 50% by the Central Government. The support price will be provided for processing grade fruits to be consumed in fruit processing industries and also for the fair average quality of fruits.

**3. Scheme for providing subsidy on c.f.b. cartons and other Boxes :**

Keeping in view the magnitude of problem of packing cases and the drain on the forest resources of the state which also happens to be the national wealth, constant efforts are being made by the department of horticulture to find out suitable and economical alternative packing cases to wooden boxes for packing the fruit produce. It has been proved beyond doubt that introduction on corrugated cartons can go a long way in effecting economy in the use of forest wood. The c.f.b. cartons are being used successfully for packing fruits like apple, plum, citrus, etc. for the last five years by the fruit growers in the state and its use is increasing gradually every year. On an average about 1.50 crore apple boxes are exported from the State every year. Therefore, about seven and a half crore boxes shall be required for packing apples during the Eighth Plan. It may be assumed that 50% fruit shall be packed in c.f.b. cartons and out of which about 30 lakh cartons will be provided on subsidised rate @ Rs. 10. The rest 50% in 75 lakh shall be packed in wooden boxes which shall be provided @ Rs. 2/- per box on an average.

**4. Establishment of Farmers House at Delhi :**

The fruit and vegetable market at Delhi is the nearest and main market for the fruits of Himachal Origin. The farmers have to visit this market frequently to supervise the sales of their fruit produce. The fruit growers are facing the problems of staying at Delhi and has to spend considerable amount of his income on this account. Further, there is a need to create facilities of staying to the farmers of the state who shall be brought to Delhi on study tours and training in marketing of fruits. It is, therefore, proposed to construct a farmers house at Delhi fruit and vegetable market.

**5. Providing of Margin Money to Cold Storage at Calcutta :**

It is proposed to provide margin money of Rs. 14.38 lakh during the Annual Plan 1992-93 and Rs. 43.13 lakh during the Eighth Plan period for the cold storage being constructed at Calcutta.

**10. LOANS TO CULTIVATORS OTHER THAN HORTICULTURE :**

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	5.00
Annual Plan actual expenditure	(1990-91)	1.00
Annual Plan approved outlay	(1991-92)	1.00
Annual Plan anticipated exp.	(1991-92)	1.00
Annual Plan proposed outlay	(1992-93)	1.00
Eighth Plan proposed outlay	(1992-97)	6.00

Under this programme loans to cultivators other than horticulture are provided by the Revenue Department. Loans are granted to cultivators for purchasing of land implements etc. During the Annual Plan 1991-92, an outlay of Rs. 1 lakh has been approved under this scheme. Against this, for the Annual Plan 1992-93 an outlay of Rs. 1 lakh has been proposed out of Rs. 6 lakh proposed for the Eighth Plan period.

11. COOPERATION :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	893.28
Annual Plan actual expenditure	(1990-91)	402.08
Annual Plan approved outlay	(1991-92)	215.00
Annual Plan anticipated exp.	(1991-92)	215.00
Annual Plan proposed outlay	(1992-93)	370.00
Eighth Plan proposed outlay	(1992-97)	1707.00

Co-operation has aptly been described as a movement rather than a mere programme. Its objectives covers acceleration of economic growth coupled with social justice. It is conceived as an important factor in building-up an egalitarian and non-exploitative economic and social order. Co-operative movement in Himachal Pradesh presents a picture of adequate coverage both village-wise and family-wise. As on June 30, 1990 all the villages in the State stood covered by the movement there by covering 100% rural population.

**Review of Achievements During Seventh Five Year Plan (1985-90) :**

The credit requirements of the agriculturists are being met by the different types of Co-operative institutions besides commercial banks and other agencies. The H.P. State Co-operative Bank and two Central Co-operative Banks through Primary Agricultural Credit Societies meet the short term and medium term credit requirements while the H.P. State Co-operative Agricultural and Rural Development Bank and one Primary Agricultural and Rural Development Bank is looking after the needs of long term credit.

This State has infact both two tiers as well as three tiers Co-operative Credit structure. The State Co-operative Bank being the Apex Bank, also functions as a Central Co-operative Bank for 6 districts out of 12 districts in the State viz. Shimla, Kinnaur, Bilaspur, Mandi, Sirmour and Chamba. These 6 districts have a two tiers credit structure and remaining 6 districts viz. Kangra, Una, Hamirpur, Kullu, Lahaul & Spiti and Solan are having a three tiers credit set-up. There are two Central Co-operative Banks functioning in the State. The Kangra Central Co-operative Bank covers the districts of Kangra, Hamirpur, Kullu, Una and Lahaul & Spiti. The Jogindra Central Co-operative Bank covers only one district i.e. Solan. The number of branches of these banks functioning in their area of operation is indicated below :

H.P. State Co-operative Bank	79
Kangra Central Co-operative Bank	77
Jogindra Central Co-operative Bank	14

Through these branches, these Banks provide credit facilities to their member societies which in turn caters to the credit needs of their members.



The programme of re-organisation in the State is complete. The number of primary agricultural credit societies as on 30th June, 1990 was 2116. The total membership of these societies was 7.90 lakh and by the end of the Eighth Plan it is expected to be of the order of 12 lakh. Out of the total membership of the Primary Agricultural Credit Societies 87.3% belongs to the categories of weaker section i.e. small and marginal farmers, rural artisans, Agricultural labourers etc. During the year 1989-90 these societies advanced short and medium term loan of the order of Rs. 16.75 crore.

**CO-OPERATIVE AND WEAKER SECTION :**

In order to assist the weaker sections of the community, Co-operatives have been playing a vital role in providing credit facilities to them. Out of total membership of 7.90 lakh of the Primary Agricultural Credit Societies as on 30th June, 1990, 6.29 lakh belong to the category of weaker sections i.e. small and marginal farmers, Agricultural labourers, rural artisans and others, thereby forming 87.3% of the total membership. There has been an increase in the membership of scheduled castes and scheduled tribes from 1.58 lakh in 1984-85 to 1.98 lakh in 1989-90. Out of the total membership of 7.90 lakh as on 30.6.90, 1.98 lakh belong to scheduled castes and 0.26 lakh to scheduled tribes thereby representing about 28% of the total membership as against 18% as on 30.6.1980. Out of the total short and medium term loans amounting to Rs. 16.75 crore, Rs. 11.16 crore were advanced to the weaker sections forming about 67% of the total loan.

The position of Primary Agricultural Credit Societies at the end of Sixth Plan and as on 30th June, 1990 is depicted below :

		(Rs. in Lakh)	
Sl. No	Item/Scheme	At the end of 6th Plan 30.6.85	1988-89 (30.6.1990)
1.	2.	3.	4.
1.	No. of Societies	2113	2116
	of which viable	977	886
2.	Membership (in thousand)	692	790
3.	Membership belonging to weaker section (in thousand)	538	629
4.	Share Capital	810.98	1380.72
5.	Reserve and other funds	343.81	645.80
6.	Deposits	1993.84	4048.59
7.	<u>Loans Advanced</u>		
	(i) Short terms	350.87	455.90
	(ii) Medium term	931.52	1218.70
	Total :	1282.39	1674.60
8.	Percentage of overdue to demand	36%	64.7%
9.	Value of consumer articles distributed	2930.02	5175.95

1.	2.	3.	4.
10. Value of agriculture requists		606.49	907.50
11. No. of societies in profit		1837	1736
12. Amount of profit		106.23	122.35
13. In loss		245	371
14. Amount of loss		6.74	28.46
15. Without profit/loss		31	9
16. <u>No. of Societies</u>			
(i) Having full time secretaries		1885	1974
(ii) Part time/honarary		228	156

#### LONG TERM CREDIT :

There is the H.P. State Co-operative Agricultural and Rural Development Bank in this State with 17 branches covering nine districts viz. Shimla, Kinnaur, Bilaspur, Solan, Sirmour, Mandi, Kullu, Chamba and Lahaul & Spiti districts and one Primary Co-operative Agricultural & Rural Development Bank with its five branches serving the remaining three districts viz. Kangra, Una and Hamirpur. During the Seventh Plan period amount of loans advanced by these two banks were as under :

(Rs. in crore)

Year	Target	Achievements
1.	2.	3.
1985-86	2.00	2.88
1986-87	2.50	6.27
1987-88	2.75	5.63
1988-89	3.00	7.37
1989-90	3.17	4.47

#### RECOVERY PERFORMANCE :

The State Government is seized of the problem of the mounting overdues in Co-operatives. Steps were, therefore, initiated to arrest this mounting trend. The Department of Co-operation and Co-operative Banks jointly intensified their efforts to effect recovery of over dues during the Seventh Plan (1985-90). Arbitration cases against wilful defaulters were initiated. During the year 1989-90, 944 such cases involving an amount of Rs. 70.43 lakh were decided. The recovery of Rs. 54.63 lakh was effected through execution proceedings.

#### DEPOSIT MOBILISATION :

Mobilisation of Deposit by the Co-operatives in this State both in rural areas as well as in Urban areas has been a regular feature. The deposits collected by all type of societies functioning in this State, have therefore, shown an upward trend

each year as depicted below :

	<u>(Rs. in Lakh)</u>
1985-86	11,109.11
1986-87	13,875.37
1987-88	17,371.09
1988-89	21,688.48
1989-90	28,250.83

#### **COOPERATIVE MARKETING :**

There is sizeable marketable surplus of cash crops like potatoes, apple, tea and ginger in Himachal Pradesh. In Tribal area of Kinnaur, minor forest produce viz. Chilgoza is available. However, there is a little marketable surplus in foodgrains in valley area only in view of this State being mostly hilly and having low coverage under irrigation. The Co-operatives have, however, undertaken the marketing of potatoes, apple, tea, chilgoza and also procurement of foodgrains. Apart from this, the Co-operatives have been providing marketing services for apple growers by arranging for their transport and forwarding to the main markets in the Country.

There are 88 marketing societies, including specialised marketing societies functioning in the State. Out of them, in the year 1989-90, 82 marketing societies involved themselves in the marketing co-operation. During the Seventh Five Year Plan period the value of commodities marketed by the Co-operatives touched Rs. 14.16 crore.

#### **DISTRIBUTION OF AGRICULTURAL INPUTS :**

In this State the work of wholesale procurement and distribution of fertilizers has been taken over by the H.P. State Co-operative Marketing and Consumer's Federation (HIMFED). In the districts, District Federations and other secondary Marketing Co-operatives are functioning as sub-wholesaler of HIMFED. Thus, there is three tier of co-operative infrastructure of the distribution of fertilizer i.e. HIMFED, District Federation/Secondary institutins and Primary Agricultural Credit Societies as retailer.

There are 2857 total retail outlets in Himachal Pradesh. Of these, 2497 are in the Co-operative Sector, thus forming about 87 percent of the total outlets. The value of Agriculture requisite retailed by the Co-operatives during the Seventh Five Year Plan period reached the level of 12.01 crore.

#### **DISTRIBUTION OF CONSUMER ARTICLES :**

The Co-operatives are playing predominant role in the public distribution system. There are 3121 fair price shops functioning in the State. Of these 2511 fair price shops are under the sector of Co-operation forming 80.4% of the total fair price shops.

The State Government in the matter of allotment of fair price shops gives first preference to Co-operatives. In case there is no Co-operative society functioning or defunct the allotment of fair price shops is made in favour of other agencies. Further in order that the societies may not feel shortage of funds, each society having fair price shop is sanctioned cash credit limit varying from Rs. 30,000/- to Rs. 50,000/- according to its requirements. These societies have been given share capital contribution ranging from Rs. 5000/- to Rs. 20,000/- under the National Co-operative Development Corporation sponsored schemes of distribution of consumer articles in rural areas, the State Government has availed of assistance for 83 projects which covers 1527 Primary Agricultural Credit Societies. The value of commodities handled during Seventh Five Year Plan period reached the level of Rs. 71.10 crore.

The work of Co-operatives in the area of distribution of consumer articles has increased manifold and the programme laid down in this direction in the Seventh Five Year Plan is likely to be exceeded.

The commodities being handled are foodgrains, sugar, pulses, tea, washing soap, rapeseed oil, Palmoil, vegetable oil, kerosene oil, match boxes, controlled cloth, exercise books and salt etc.

#### **CO-OPERATIVE STORAGE :**

The progress achieved under this programme is given as under:

##### **(i) Normal storage programme of N.C.D.C.**

Under this programme 960 Rural and 126 marketing godowns with a capacity of 96,000 M.T. and 31,500 M.T. were initially taken-up for construction. But out of these godowns 46 Rural and 11 marketing godowns were dropped due to non-availability of sites or due to other reasons. Hence, 914 Rural godowns and 115 marketing godowns were actually to be constructed upto 31.3.91. Almost all these godowns have been completed and thus total storage capacity generated under the programme comes to 1,20,150 M.T. (Rural 91,400 M.T. and Marketing 28,750 M.T.).

##### **(ii) World Bank Co-operative Storage Project N.C.D.C. - II.**

Under this programme 802 rural and 86 marketing godowns were to be constructed. But 72 rural godowns could not be taken-up for construction on account of land disputes and were dropped as such. Remaining godowns have been completed consisting 730 Rural (total capacity 36,500 M.T.) and 86 marketing godowns (total capacity 42,650 M.T.).

Keeping in view the position as given above the total number of godowns constructed under both programmes is detailed as under together with total capacity generated through these godowns :

Item	Normal Programme ----- Rural Marketing	World Bank storage N. C. D. C. - II ----- Rural Marketing	Total ----- Rural Marketing			
1.	2.	3.	4.	5.	6.	7.
Number of godowns constructed	914	115	730	86	1644	201
Capacity created (M.T.)	91400	29450	36500	42650	127900	72100

Programme for Weaker Sections :

During the Seventh Plan period, emphasis were laid on the socio-economic transformation of the backward and weaker sections through Co-operative movement. The details of the number of different types of Co-operative Societies registered their membership and value to goods handled at the end of Seventh Plan is given in the table given below :

Sr. No.	Item	No. of societies Registered	Members enrolled	Value of goods handled at the end of 7th Plan (1985-90) (Rs. in lakh)
1.	2.	3.	4.	5.
1.	Dairy Co-operative	211	15773	169.30
2.	Fisheries Co-operative	25	3095	256.24
3.	Handloom weavers Co-operative	148	3845	492.71
4.	Housing Co-oprative	86	3219	--
5.	Transport Co-operative	104	3165	--

During the Seventh Plan (1985-90), the actual expenditure incurred under this head of development was of the order of Rs. 893.28 lakh on different schemes. The actual expenditure incurred during the year 1990-91 was Rs. 402.08 lakh under this head.

## GENERAL APPROACH AND STRATEGY DURING THE EIGHTH PLAN :

The strategy of the co-operative development during the Eighth Five Year Plan would be to consolidate as well as diversify the activities of the Co-operatives and to bring about efficiency in their functioning. The main objectives of the co-operative development would be as under :

1. To consolidate the achievements made so far and to ensure qualitative improvement by way of revitalisation of agricultural credit institutions particularly co-operatives and efficient market support through improved Co-operative infrastructure;
2. To improve non-agricultural co-operative activities in the field of Dairy, Poultry, fisheries, weaving forestry and floriculture to integrate with agricultural development;
3. All the viable/potentially viable Primary Agricultural Credit Societies at the base level will be developed as truly multipurpose society. For undertaking the functions of credit distribution of agricultural requisites and consumer articles;
4. To improve the recovery performance at all levels in order to provide regular flow of credit;
5. To strengthen the public distribution system;
6. To strengthen the Co-operative structure at various level and co-ordination among different sectors of co-operative movement;
7. To intensify the programme of training in order to meet the requirements of Co-operatives for professional personnel;
8. To strengthen the Co-operative programmes for weaker sections viz. weavers Co-operatives, Dairy, Poultry, etc.;
9. To strengthen the departmental machinery for undertaking the enlarge programme of Co-operative development;

Keeping in view the above objectives, it is proposed to strengthen the Co-operative structure at all the levels during the Eighth Plan in order to enable them to undertake the programme as envisaged in the plan and accordingly provisions has been made under various schemes.

During the Annual Plan 1991-92, an outlay of Rs. 215 lakh has been approved. Against this, Rs. 370 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 1707 lakh proposed for the Eighth Plan period. The schematic details of the outlays are as under :

(Rs. in Lakh)				
Sr. No.	Item	Approved Outlay Annual Plan (1991-92)	Proposed Outlay	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1.	Direction & Admn.	25.50	28.00	178.00
2.	Training & Education	29.30	33.00	206.00
3.	Audit of Co-operatives	24.00	25.00	155.00
4.	Credit co-operatives	38.50	53.60	308.64
5.	Warehousing marketing and storage	10.95	12.60	90.00
6.	Processing Co-operatives	8.20	9.40	70.00
7.	Consumer Co-operatives	9.35	11.75	76.00
8.	Fishermen Co-operatives	1.10	1.25	12.00
9.	Industrial Co-operatives	8.80	10.00	70.00
10.	Dairy Co-operatives	1.10	1.25	10.00
11.	Housing Co-operative	7.70	9.00	65.00
12.	Labour & construction Co-operative	0.55	0.65	4.81
<b>13. <u>Other Co-operatives</u> :</b>				
	a) Poultry Co-operatives	0.55	0.60	1.30
	b) Transport Co-operatives	1.10	1.30	10.00
	c) Wool Co-operatives	0.82	0.95	6.25
	d) Forest Co-operatives	1.65	0.75	2.75
14.	Floriculture Co-operatives	0.83	0.90	6.25
15.	Fruit & Vegetable project	15.00	40.00	108.53
16.	Vanaspti Project	15.00	90.00	192.47
17.	Tea Development Project	15.00	40.00	134.00
<b>Total :</b>		<b>215.00</b>	<b>370.00</b>	<b>1707.00</b>

**Physical Target :**

The Physical Targets under different important schemes under this head of development is depicted in the following table :

(Rs. in crore)

Sr. No.	Item	1989-90 (Base)	Annual Plan		Proposed Target	
			(1990-91) Target	(1991-92) Target	Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.	6.	7.
1.	Short term loans advanced during the year	4.56	5.50	11.00	11.50	14.00
2.	Medium term loans advanced	12.19	12.30	16.00	18.00	20.00
3.	Long term loans advanced	4.47	2.00	5.00	5.25	6.00
4.	Agriculture Produce Marketed by Co-ops.	35.76	18.00	20.00	25.00	40.00
5.	Value of Fertilizer retained by Co-ops.	12.01	16.00	17.00	18.00	20.00
6.	Capacity of Co-op. Godowns upto the end of the year (000'M.T.)	200	203	205	206	210
7.	Distribution of consumer articles in rural & urban areas	71.10	80.00	90.00	95.00	130.00
8.	Processing Units :					
a)	Organised	12	13	13	14	14
b)	Installed	12	13	13	13	14
c)	Cold Storage to be organised	--	1	1	1	1

The schematic details are as under :

**1. Direction and Administration :**

The Directorate of Co-operation both at Headquarters and in the field is not adequately staffed which leads to and results in poor performance on certain grounds at both ends. Though the departmental activities have increased manifold but there has been a very negligible increase in the staff component especially at lower level. Various branches of the Directorate are without Assistants and Clerks as a result the Superintendents have been reduced to dealing hands. Similarly there has been a very meagre increase in the field functionaries like sub-inspectors which is the lowest level official and who acts as a link between the societies and the public.



During the Eighth Plan (1992-97) and Annual Plan (1992-93), the following staff at the State and District level will be suitably strengthened :

I. Strengthening of Staff of Additional Registrar, Co-operative Societies at Dharamsala :

<u>Name of the Category :</u>	<u>No. of Posts :</u>
1. Superintendent Grade - I	1
2. Assistant	4
3. Clerk	2

II. Staff for Newly Created Assistant Registrar Circles :

1. District Inspector/District Audit Officer	3
2. Steno-Typist	6

III. Establishment of Monitoring Cell in the Directorate :

1. Additional Registrar	1
2. Stenographer	1
3. Assistant	2
4. Statistical Assistant	1
5. Computer Operator	1

IV. Technical and Promotion in Cell :

1. Development Officer	1
2. Marketing Expert	1

100 percent expenditure for Monitoring and Technical and Promotion cells will be reimbursed by the National Co-operative Development Corporation to the State Government.

OFFICE ACCOMMODATION :

At present all the field offices of Co-operative Department except that of Assistant Registrar, Co-operative Societies Bilaspur, Mandi, Sirmour, Dharamsala and Chamba are housed in private rented buildings. Every year a substantial Government money is being paid to the private parties on account of rent charges. To overcome this problem the department has constructed a building of the Directorate office at New Shimla and it is likely to be completed by the end of this year.

For the Eighth Plan (1992-97) the Department has drawn-up a detailed proposal wherein Government buildings are to be constructed for each field office. The department has already received two plans for the construction of office building for Additional Registrar, Co-operative Societies, Dharamsala and Assistant Registrar, Co-operative Societies Lahaul & Spiti distt. at Keylong. The Deputy Commissioner, Keylong has stated that all the District level offices are housed in Government buildings except that of Co-operative Department. The office of the Assistant Registrar, Co-operative Societies, Keylong is housed in a private building where there are no facilities such as toilet

etc. available to the officers/officials. He has recommended that provision of funds for the purpose be made in the Eighth Plan (1992-97) so that Government building for Co-operative Department could be constructed.

During the year 1991-92, an amount of Rs. 25.50 lakh has been provided for the continued expenditure of staff and office accommodation under the scheme "Direction and Administration". Against this, an outlay of Rs. 28 lakh for the Annual Plan 1992-93 and Rs. 178 lakh for the entire Eighth Plan periods has been proposed for the continued expenditure and also for the strengthening of staff.

## **2. Training & Education & Exhibition, Study Tours & Seminar :**

The H.P. State Co-operative Union is the agency for the implementation of Co-operative training and education programme in the State. The aforesaid Union is proposed to be assisted for the payment of stipends to the trainees and publication of literature and construction of Sehkar Bhawan, etc. for which a provision of Rs. 29.30 lakh has been approved for Annual Plan 1991-92. Against this, an outlay of Rs. 33 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 206 lakh proposed for the Eighth Plan. This also includes provisions for exhibitions, study tours and seminars etc.

## **3. Audit of Co-operative Societies :**

Under this scheme an amount of Rs. 24 lakh was approved for the Annual Plan 1991-92. Against this Rs. 25 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 155 lakh proposed for the entire period of Eighth Plan.

## **4. Credit Co-operatives :**

### **1. Share Capital contribution to Primary Agricultural Credit Co-operatives :**

There are 2,116 Primary Agricultural Credit Societies functioning in the State. The State Government's investment by way of Share Capital contribution in Primary Agricultural Credit Societies stood to the order of Rs. 4.25 crore upto the end of 31/3/1990. This investment also includes investment made by State Government on account of Share Capital contribution given under the programme of World Bank Cooperatives storage Project NCDC-II amounting to about Rs. 1.84 crore. The details of the financial provision in respect of various co-operative bodies by way of share capital and interest subsidy etc. is depicted in the following table :

(Rs. in Lakh)

Sr. No.	Item	Approved Outlay Annual Plan (1991-92)	Proposed Outlay	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1.	Share Capital to Primary Agriculture Credit Societies.	7.70	10.00	60.00
2.	Marginal Subsidy to Primary Agriculture Credit Societies.	11.00	15.00	85.00
3.	Interest subsidy to Credit Societies.	13.20	10.00	60.00
4.	Interest subsidy to Apex Central Co-op. Banks.	--	8.15	52.00
5.	Share Capital to Apex Central Co-op. Banks.	2.20	3.00	17.00
6.	Share Capital to Apex/ PLDBs.	3.30	3.00	20.00
7.	Share Capital to Urban Co-op. Banks.	--	1.50	7.50
8.	Marginal Subsidy to Apex Central Co-op. Banks.	0.30	0.85	3.00
9.	Marginal Subsidy to Apex PLDBs.	0.80	1.45	3.00
10.	Agriculture Guarantee Relief Fund.	--	0.65	1.14
Total :		38.50	53.60	308.64

#### 5. Warehousing Marketing and Storage :

There are 85 marketing societies functioning in the State which includes an Apex Federation, 10 District level and 74 Primary Marketing Cooperative Societies. These societies are dealing in the marketing of agricultural as well as horticultural produce, distribution of consumer articles and agricultural inputs. In order to undertake all these function effectively, it is proposed to further augment their Share Capital base during the Eighth Plan period. A provision of Rs. 10.95 lakh was approved under this scheme for the Annual Plan 1991-92. Against this, Rs. 12.60 lakh has been proposed for the Annual Plan 1992-93 out of

Rs. 90 lakh proposed for the Eighth Plan. The society-wise details of the financial provisions is as under :

(Rs. in Lakh)

Sr. No.	Item	Approved Outlay Annual Plan (1991-92)	Proposed Outlay	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1.	Share Capital to Marketing Societies	7.50	8.50	58.00
2.	Marginal Subsidy to Marketing Societies.	2.50	3.00	22.00
3.	Subsidy to Price Fluctuation Fund.	0.95	1.10	10.00
Total :		10.95	12.60	90.00

#### 6. Processing Co-operatives :

There are at present 21 fruit and vegetable processing societies and 4 tea processing societies. It is proposed to strengthen the processing societies by way of share capital and marginal subsidy to facilitate them to increase their borrowing power from the bank and to defray the managerial expenses to certain extent and for this an amount of Rs. 8.20 lakh was approved for the Annual Plan 1991-92. Against this, Rs. 9.40 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 70 lakh proposed for the Eighth Plan period. The details of the financial provision under different schemes are as under :

(Rs. in Lakh)

Sr. No.	Item	Approved Outlay Annual Plan (1991-92)	Proposed Outlay	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1.	Share Capital to processing Co-operatives.	5.00	6.00	50.75
2.	Marginal Subsidy to processing Co-operatives.	1.20	1.40	9.25
3.	Cost Subsidy to Tea Factory.	2.00	2.00	10.00
Total :		8.20	9.40	70.00

## 7. Consumer Co-operatives :

To strengthen the public distribution system is one of the items of the 20-point programme. In this programme, the cooperative play predominant role. Out of 3121 fair price shops in the State, 2500 fair prices shops are under cooperative sector forming 80% of the total fair price shops. In the distribution of consumer articles, marketing societies, Primary Agricultural Credit Societies and consumer stores are mainly involved. The State Government help these Co-operative Societies by way of contributing in Share Capital, providing managerial and interest subsidy..The State Government also provides subsidy for the construction of rural marketing Godowns. For the Annual Plan 1991-92; Rs. 9.35 lakh was approved under this scheme. Against this, an outlay of Rs. 11.75 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 76 lakh proposed for the Eighth Plan period.

## 8. Other Co-operatives :

Besides the above Co-operatives, the State Government also provides share capital contribution and managerial subsidy to the following Co-operatives :

1. Fishermen Co-operatives.
2. Industrial Co-operatives
3. Dairy Co-operatives
4. Housing Co-operatives
5. Labour & Construction Co-operatives
6. Poultry Co-operatives
7. Transport Co-operatives
8. Wool Co-operatives
9. Forest Co-operatives
10. Floricultural Co-operatives

The details of the funds provided to the above Co-operatives during the Annual Plan 1991-92 and proposed outlays for the Annual Plan 1992-93 and Eighth Plan (1992-97) are as under :

(Rs. in Lakh)

Name of the Co-operative Item	Approved Outlay Annual Plan (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
<b>1. <u>Fishermen Co-operatives :</u></b>			
a) Share Capital to Fishermen co-operatives.	0.70	0.80	7.50
b) Marginal Subsidy to Fishermen co-operatives.	0.40	0.45	4.50
Sub Total :	1.10	1.25	12.00
<b>2. <u>Industrial Co-operatives :</u></b>			
a) Share Capital to Industrial Co-operative	5.50	6.00	45.00
b) Marginal Subsidy to Industrial co-operatives.	3.30	4.00	25.00
Sub Total :	8.80	10.00	70.00
<b>3. <u>Dairy Co-operatives :</u></b>			
a) Share Capital to Dairy co-operatives.	--	--	1.60
b) Marginal Subsidy to Dairy co-operatives.	0.70	0.80	5.40
c) Subsidy for construction of Milk Booths.	0.40	0.45	3.00
Sub Total :	1.10	1.25	10.00
<b>4. <u>Housing Co-operatives :</u></b>			
a) Share Capital to Housing Co-operative	5.70	7.50	50.00
b) Marginal Subsidy to Housing co-operatives.	2.00	1.50	15.00
Sub-Total :	7.70	9.00	65.00
<b>5. <u>Labour &amp; Construction Co-operatives :</u></b>			
a) Share Capital to L & C Co-operative	0.35	0.40	3.00
b) Marginal Subsidy to L & C co-operatives.	0.20	0.25	1.81
Sub Total :	0.55	0.65	4.81

	1.	2.	3.	4.
<b>6. <u>Poultry Co-operatives</u> :</b>				
a) Share Capital to Poultry Co-operatives.		0.35	0.40	0.80
b) Marginal Subsidy to Poultry co-operatives.		0.20	0.20	0.50
Sub Total :		0.55	0.60	1.30
<b>7. <u>Transport Co-operatives</u> :</b>				
a) Share Capital to Transport Co-operatives.		0.80	0.80	7.00
b) Marginal Subsidy to Transport co-operatives.		0.30	0.50	3.00
Sub Total :		1.10	1.30	10.00
<b>8. <u>Wool Co-operatives</u> :</b>				
a) Share Capital to Wool Co-operatives.		0.55	0.60	4.00
b) Marginal Subsidy to Wool co-operatives.		0.27	0.35	2.25
Sub Total :		0.82	0.95	6.25
<b>9. <u>Forest Co-operatives</u> :</b>				
a) Marginal Subsidy to Forest co-operatives.		1.65	0.75	2.75
<b>10. <u>Floriculture Co-operatives</u> :</b>				
a) Share Capital to Floriculture Co-operatives.		0.55	0.50	4.00
b) Marginal Subsidy to Floriculture co-operatives.		0.28	0.40	2.25
Sub Total :		0.83	0.90	6.25
Grand Total Other Crops :		24.20	26.65	188.36

**9. State share to fruit and vegetable Project :**

The State of Himachal Pradesh has a climate and location of inherently suited to the cultivation of fruits both temperate and sub-tropical and off season vegetable. Fruit production has almost doubled and vegetable production is also increasing day by day. The marketing of fruit and vegetables is in the hands of

private traders and attention of the HPMC which is a State Government Undertaking mostly remains focussed on apple marketing. Some of the marketing societies have started doing the marketing of fruit and vegetable but again their achievement is also negligible. It is proposed to formulate a project with the objectives of procurement and marketing of fruits and vegetable through a cooperative structure under World Bank Project NCDC-IV with a total project cost of Rs. 823.52 lakh. The State Government is to contribute 15 percent of the block cost which comes to Rs. 123.53 lakh for the entire Eighth Plan 1992-97. A token provision of Rs. 15 lakh for 1991-92 and against this, Rs. 40 lakh has been proposed for Annual Plan 1992-93 out of Rs. 108.53 lakh proposed for the Eighth Plan period.

#### **10. State Share Vanaspati Project :**

As per decision of Government, a project for the manufacturing of vanaspati Ghee is to be setup in co-operatives sector in Himachal Pradesh during Eighth Plan with annual capacity of 30,000 M.T. for which an Apex Cooperative organisation known as the Himachal Pradesh Co-operative Industrial Development and Oil Seeds processing federation Ltd. has been registered. The project is proposed to be funded by the National Co-operatives Development Corporation and the State Government is to contribute 12-1/2% of the block cost which comes to Rs. 207.47 lakh for the entire Eighth Plan 1992-97. A token provision of Rs. 15 lakh has been provided during the Annual Plan 1991-92. Against this, Rs. 90 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 192.47 lakh proposed for the entire Eighth Plan period.

#### **11. State Share in Tea Development Project :**

Presently there are four Tea processing societies in the State. It is contemplated to provide package of improved practices to Tea Growers under the concept of "One window". During the Eighth Plan, National Co-operative Development Corporation has been requested to sanction the integrated Co-operative development project for Tea in Kangra district. The proposed project will cover all the important aspects of the industry such as improvement in production, Research and Development, technology transfer, development of nurseries, production of made tea and above all marketing of made tea. The project will be funded by the NCDC. The State Government is to contribute 20% of the block cost of Rs. 7 lakh which comes to Rs. 149 lakhs for the entire Eighth Plan 1992-97. A token provision of Rs. 15 lakhs for 1991-92 has been kept for the year 1991-92 for the implementation of this project as a State Share. Against this, Rs. 40 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 134 lakh proposed for the entire Eighth Plan period.



**12. Concessions to Antodaya Families for Co-operative Programmes**

1. From the Antodaya families no membership fees/share capital will be charged for getting registered as a member of Co-operative Societies. This fees and share capital will be borne by the Government.

2. 4% rate of interest will be charged on Co-operative loans from members of Antodaya families.

For providing the above concessions to the Antodaya families; the suitable financial provisions have been made under the respective programme/scheme for the Eighth Five Year Plan (1992-97) and Annual Plan (1992-93).

## II. RURAL DEVELOPMENT :

(Rs. in Lakh)

Seventh Plan actual expenditure	(1985-90)	2450.48
Annual Plan actual expenditure	(1990-91)	566.49
Annual Plan approved outlay	(1991-92)	840.00
Annual Plan anticipated expenditure	(1991-92)	840.00
Annual Plan proposed outlay	(1992-93)	964.00
Eighth Plan proposed outlay	(1992-97)	6042.00

Poverty alleviation programmes have to be viewed in the wider perspective of Socio-Economic transformation in the State. The strategy of direct attack on poverty cannot be sustained if the overall growth of the economy itself is slow and the benefits of such growth are inequitably distributed. The programme for poverty alleviation should as such be regarded as supplementing the basic plan for the overall economic growth in terms of generating productive assets and skills as well as income for the poor. With this aim in view, greater emphasis has been laid on increased agricultural production, expansion of irrigation facilities, increase in cropping intensity, augmenting the potential of dry land agriculture, adoption of special measures to increase productivity and incomes of small and marginal farmers and the development of villages and small industries. However, the plan also includes several beneficiary-oriented and area specific alleviation programmes.

The major poverty alleviation programmes being implemented in the Seventh Plan were the Integrated Rural Development Programme (IRDP), National Rural Employment Programme (NREP) and the Rural Landless Employment Guarantee Programme (RLEGP) has now been amalgamated into Jawahar Rozgar Yojna Programme from the terminal year of the Seventh Plan viz 1989-90.

### Objectives of Eighth Five Year Plan :

The basic thrust of the Eighth Five Year Plan is social transformation. The focus will be on human being and all round development of the weaker sections in our society. During the Eighth Five Year Plan, emphasis will be laid down to :

- i) Make agriculture a more stable and projection occupation through expansion of irrigation and other facilities;
- ii) More equitable access to resources and inputs within the rural society;
- iii) Productivity of rainfed agriculture in arid and semi arid tracts as well in the medium and high rainfall zones;
- iv) Remunerative prices to the farmers in general and diversification of agriculture into more remunerative enterprises;
- v) Sensitivity to employment and regional dimensions of agriculture growth and modernisation, and
- vi) The need to ensure fair rewards and well being of rural labour.

Besides, during the Eighth Plan period, emphasis will be laid down on promoting adequate production of mass consumer goods, particularly through labour intensive manufacture with assured supply of raw materials, credit and marketing facilities and a rejuvenated, democratic co-operative movement supplemented by voluntary organisations and associations of craftsman.

During the Seventh Plan, Rs. 2450.48 lakh was spent on special programmes for rural development viz. IRDP, IREP and JRY. The actual expenditure incurred under these programmes during the year 1990-91 was of the order of Rs. 566.49 lakh and against this provision funds to the extent of Rs. 840 lakh has been provided during the year 1991-92. For the Annual Plan 1992-93 an outlay of Rs. 964 lakh and for the Eighth Plan Rs. 6042 lakh has been proposed under these programmes. The programme-wise details are as under :

(Rs. in Lakh)					
Name of the Programme	Seventh Plan	Annual Plan	Annual Plan	Proposed outlay for	
	(1985-90)	(1990-91)	(1991-92)	Annual Plan	Eighth Plan
	Actual Exp.	Actual Exp.	Approved Outlay.	(1992-93)	(1992-97)
1.	2.	3.	4.	5.	6.
<b>Special Programmes for Rural Development :</b>					
1. IRDP	1196.14	194.75	260.00	280.00	1718.00
2. IREP	233.63	70.00	80.00	104.00	614.00
3. SEP	--	--	246.00	300.00	2000.00
3. JRY	1020.71	301.74	254.00	280.00	1710.00
<b>Total :</b>	<b>2450.48</b>	<b>566.49</b>	<b>840.00</b>	<b>964.00</b>	<b>6042.00</b>

**a) I.R.D.P. :**

IRDP was started in the year 1978-79 in H.P. covering only 29 blocks. On 2nd October, 1980, it was extended to all the 69 blocks on 50:50 sharing basis. The main objective of this programme is to raise the families living below the poverty line and to create substantial additional opportunities of employment for them. All the families of rural areas who are below poverty line are eligible for the benefits provided under this programme. The entire programme is locally based and planned. One or more benefits to the individual member are given according to the choice of the beneficiaries under Primary, Secondary and Tertiary sectors. The benefits are given in kind which includes both the loan from financial institutions and subsidy from the Government. The rate of subsidy is Rs. 5000/- to general category and Rs. 5000/- to SC/ST families. At the district level IDPARs have been created which are responsible for the planning and implementation of the programme. There is a State Level Steering Committee at the State Headquarters with the Chief Minister as its Chairman and Minister incharge as Vice-Chairman. The committee approves the Annual Action Plan and reviews the progress under IRDP and other programmes.

**b) Antyodaya Programme :**

The State Government has re-introduced the Antyodaya Programme from the year 1990-91 and has decided to provide subsidy to Non-SC/ST Antyodaya families at par with the SC/ST i.e. Rs. 5000/- under IRDP. Since the programme IRDP is being implemented in the State on 50:50 sharing basis and Government of India provide 50% subsidy only to SC/ST families and 25% to 33% subsidy to general categories. It has been decided that the Non SC/ST families identified under Antyodaya will also be provided subsidy at par with the SC/ST under IRDP and the State Government will provide the additional funds to fill-up the gap between 33% and 50% subsidy limit for different economic assets/programmes for increasing the income of the identified Antyodaya families. Besides this, interest subsidy will be given to all identified Antyodaya families to provide loan to these families at 4% rate of interest under IRDP.

Under IRDP, an amount of Rs. 260 lakh has been provided for the year 1991-92 which will be utilised in full. Against this, Rs. 280 lakh for the Annual Plan 1992-93 and Rs. 1718 lakh for the Eighth Plan has been proposed under this programme. The broad break-up of these outlays are as under :

Programme/Scheme	Approved outlay Annual Plan (1991-92)	(Rs. in Lakh)	
		Proposed outlay for Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
<u>Special Programme for Rural Development :</u>			
1. IRDP	142.00	180.00	1118.00
2. Antyodaya	118.00	100.00	600.00
<b>Total :</b>	<b>260.00</b>	<b>280.00</b>	<b>1718.00</b>

The proposed outlay of Rs. 1718 lakh under head IRDP for the Eighth plan (1992-97) includes Rs. 790 lakh for subsidy to blocks, Rs. 100 lakh for TRYSEM Training, Rs. 25 lakh for strengthening of TRYSEM, Rs. 100 lakh for DWCRA, Rs. 35 lakh for strengthening of extension training centres, Rs. 25 lakh for strengthening of Block level Agency, Rs. 5 lakh for strengthening of State Monitoring Cell and Rs. 38 lakh for State Institute for Training and Research in Rural Development. Under this programme; it is proposed to cover 60,000 IRDP families including 25,000 SC families and 5000 ST families. Efforts will be made to cover maximum number of identified families under Antyodaya and IRDP as they are poorest among poor. Beside this, efforts will also be made to raise the per capita investment during the Eighth Plan to a satisfactory level.

During the Annual Plan, 1992-93 it is proposed to assist 8000 families against the anticipated achievement of 9,500 families for the year 1991-92. Against the provision of Rs. 142 lakh for the year 1991-92, an outlay of Rs. 180 lakh has been proposed under the programme for the Annual Plan 1992-93 which includes Rs. 115.50 lakh for subsidy, Rs. 20 lakh for TRYSEM Training, Rs. 5 lakh for strengthening of training infrastructure under TRYSEM, Rs. 20 lakh DW CRA, Rs. 6 lakh for strengthening of Extension Training Centre, Rs. 5 lakh for strengthening of block level administration, Rs. 1 lakh for creation of State Monitoring Cell and Rs. 7.50 lakh for strengthening of State Institute for Training and Research in Rural Development. Out of 8,000 families to be covered during the Annual Plan 1992-93, 3,440 families and 560 families will be of SC/ST respectively.

### TRYSEM

TRYSEM is an important part of IRD Programme. The main thrust of the programme is to equip the rural youths in the age group of 18-35 years and belonging to target group with necessary skills and technology to enable them to seek self employment ventures. The training is imparted in a vocation of the choice of the youth either through a Master-Craftsman or in a Institution for a period of one year. The trainees get a stipend upto Rs. 150/- per month, if he gets training outside his village he will be given Rs. 250/- per month. The institution/Master-Craftsman is also given an amount for raw material subject to the maximum limit of Rs. 500/- per trainee. A kit costing Rs. 600/- is also provided to the trainees. Upto the year 1990-91 the expenditure under scheme was met out of IRDP funds. From the current financial year the Government of India has allocated the amount for this scheme separately. However, the funds under this scheme will be released on the basis of 50:50 sharing basis.

An amount of Rs. 5.80 lakh is anticipated to be spent during the year 1991-92 under TRYSEM. During the Eighth Plan period it is proposed to train 10,000 youths under this scheme and an amount of Rs. 100 lakh have been proposed to be spent on this scheme during Eighth Five Year Plan and Rs. 20 lakh during Annual Plan 1992-93. It is proposed to train 3000 youths during the year 1992-93 which will include 50% youths belonging to SC/ST.

### DWCRA

"Development of Women and Children in Rural Areas" programme is also being implemented as a part of IRD Programme. The main objective of the programme is to increase the income of the rural women of target group by taking-up income generating activities such as Bamboo Works, dairy development, carpet weaving, shawl making, bee-keeping, handicraft and spinning etc. The programme is in operation in Kangra, Shimla, Chamba, Mandi and Sirmour Districts. Kullu and Solan districts have been covered under this programme from the year 1991-92. The programme is funded by the Centre, State and UNICEF equally. Besides, UNICEF provides funds for training of officials, non-officials and programme input viz. equipments to groups, child care facilities and salary of APO and additional Gram Sevikas. During Eighth Five Year Plan, it is

proposed to cover all remaining districts viz. Bilaspur, Hamirpur, Kinnaur, Lahaul & Spiti and Una. During the year 1991-92, 300 women groups will be formed in different trades. A target of formation of 1500 groups has been proposed for Eighth Five Year Plan and 500 groups during Annual Plan 1992-93. A provision of Rs. 100 lakh has been made for this programme during Eighth Plan period and Rs. 20 lakh for the year 1992-93.

**Strengthening of State Monitoring Cell :**

Presently, Rural Development Department is engaged in the implementation of various poverty alleviation and employment generation programmes such as IRDP, TRYSEM, DWCRA, ANTYODAYA and JAWAHAR ROZGAR YOJANA. Besides, two minimum need programmes viz. Rural Housing and Rural Sanitation Programme are also being implemented by this department. Presently only one Statistical Officer, two Investigators and three Statistical Assistants and one Assistant are dealing with these programmes. In order to ensure timely submission of progress reports, monitoring and reconciliation of statistical data relating to these programme and also to ensure the qualitative improvement in the implementation of these programmes, it is proposed to strengthen the existing statistical cell during the Eighth Five Year Plan and Annual Plan 1992-93. Keeping in view the importance of various schemes for the upliftment of weaker sections of this society, it is necessary to strengthen the implementation and monitoring machinery at State Headquarters to ensure the successful and effective implementation of all poverty alleviation programmes so that maximum benefits of these programmes are made available to the needy persons.

During the Annual Plan 1992-93 it is proposed to strengthen the statistical cell at the State headquarters by providing the following new staff :

Statistical Staff	No. of Posts	Exp. for 1992-93 (Rs.)
1.	2.	3.
1. Investigator / Research Asstt. in the pay scale of Rs. 1800-3200.	1	40,000
2. Statistical Assistant in the pay scale of Rs. 1640-2825	2	72,000
3. Typist in the pay scale of Rs. 950-1800.	1	13,000
<b>Total :</b>	<b>4</b>	<b>1,35,000</b>

It is relevant to add here that total expenditure on the creation of these posts is to be shared by the State and Centre Government on 50:50 sharing basis.

**c) INTEGRATED RURAL ENERGY PROGRAMME :**

The Rural Energy Problem is complex and challenging as these are area based and are required to be tackled in a decentralised manner. This is necessary as the existing energy consumption pattern has led to wide range deforestation and adversely upset the ecological balance. In order to reduce the dependance upon conventional energy resources and rectify the ecological imbalances, efforts have been made to evolve the mechanism for keeping the energy requirements in rural areas under constant review and to develop renewable and non-conventional energy sources to possible maximum extent.

It was in 1984-85 that Integrated Rural Energy Planning programme was taken in two blocks. In the 7th Plan this programme was taken-up as a full fledged programme and extended to 13 blocks.

In order to institutionalise the various programmes, non-conventional energy sources which are aptly suited for decentralised application in the State. HIMURJA (H.P. Energy Development Agency) has been established. The State is committed to evolve and optimal energy plan in the rural sector so that the conventional energy consumption is reduced, environmental and ecological balances are maintained, equitable distribution of energy in the rural is ensured and quality of life in the rural areas is improved.

The objectives of HIMURJA (H.P. Energy Development Agency) is to promote the research, development and popularisation of non-conventional and renewable sources of energy and thereby to deal with the problems caused on account of the rapid depletion of non-renewable resources and in particular :

a) To identify, formulated proposals and set-up units (including demonstration projects) of all Non-Conventional and renewable energy devices for providing total energy requirements of remote villages and or other selective habitation centres by the use of :

- (i) Bio Energy including energy plantation.
- (ii) Devices for utilising Wind Energy.
- (iii) Devices for utilising Solar Energy including photovoltaic systems.
- (iv) Devices for utilising Geothermal Energy.

b) To sponsor, co-ordinate or promote research programmes or projects of a development nature involving development of prototype, pilot plant, investigations etc. in the areas of new sources of alternate energy.

c) To take-up demonstration programme in order to create awareness and popularise the utility of Non-Conventional Energy Sources among the people.

- d) To formulate and implement a broad based energy conservation programme including the scope for conservation of energy at the source of generation of distribution and/or consumption and a programme for future use.
- e) To standardise the renewable energy systems and provide consultancy service and technical know-how to the users, promoters and manufactures of various systems and devices of renewable sources of energy and energy conservation.
- f) To promote sales of equipment relating to alternate sources of energy by undertaking publicity, marketing and rendering such other support as may found necessary.
- g) To undertake techno-economic and socio-economic feasibility studies or cost benefit analysis with respect to additional and renewable sources of energy.
- h) To liaise with other agencies in the country and or abroad in the field of alternate sources of energy.
- i) To provide technical, financial or other assistance for the formulation of programmes, designs and projects meant for extension of alternate energy development programmes in the State.
- j) To take special steps to foster among the people the concept of utilisation of alternate sources of energy as a part of their life and environment.
- k) To take advice and help of Scientists, Technologists and such other persons who have expertise in the field of non-conventional energy sources for the promotion and development of non-conventional energy sources.
- l) To develop and support centres of documentation, services, maintenance and supply of data in the area of energy management and publish results on alternate sources of energy.

The total 7th Five Year Plan allocation had a provision of Rs. 295 lakh out of which Rs. 270 lakh was earmarked for Integrated Rural Energy Programme in the selected blocks against which an expenditure of Rs. 233.63 lakh was incurred. During the year 1990-91, Rs. 70 lakh was spent on various schemes and against this, an amount of Rs. 80 lakh has been provided for the year 1991-92. For the Annual Plan 1992-93 an outlay of Rs. 104 lakh and for the Eighth Plan Rs. 614 lakh has been proposed under this head for the implementation of different schemes.

#### 1. AREA BOUND BLOCK LEVEL PLANNING :

Integrated Rural Energy Planning programme is fully operational in 13 blocks of the State at the end of 7th Plan period. From the field studies conducted it has been concluded that bulk of energy consumed was required for domestic use like cooking, heating, lighting, etc. and efforts have been made to propagate fuel efficient devices as well as non-conventional



energy devices like solar water heating system, solar cookers etc. Linkage with the departments associated with various energy sectors have also been established to follow the integrated approach. Besides continuance of the implementation of programme in existing 13 blocks, 7 more blocks, one additional in some district are proposed to be covered in the Eighth Plan.

### Institutional Mechanism of HIMURJA :

It is felt that HIMURJA (H.P. Energy Development Agency) shall have to expand its activities throughout the State, if its aims and objectives are to be achieved. The organisational structure of HIMURJA needs revamping.

At the State level, HIMURJA at present comprises of the Chief Executive Officer, Project Director, Project Economist, Junior Scale Stenographer and one Clerk who are being paid salary out of the Central Assistance. The State share component is meant for the salaries of one Statistical Assistant, one Assistant, one Investigator, one Clerk, 2 Peons and one Driver. The working Group recommended that there is need for strengthening the State headquarters by providing Administrative and Technical posts. Moreover, the popularisation of new and renewable sources of energy entails preparation of item/area specific project reports. They are subsequently woven into the Annual Action Plans. This necessarily required close monitoring for performance and evaluation for the impact on the life of people. The Working Group recommended certain Administrative and Technical posts at State and District headquarters. For strengthening the Institutional Mechanism for HIMURJA at the State and District headquarters, Rs. 19 lakh has been provided during the year 1991-92. Against this, Rs. 21 lakh for the Annual Plan and Rs. 130 lakh for Eighth Plan has been proposed. During the Eighth Five Year Plan and Annual Plan 1992-93, HIMURJA will be suitably strengthened at the State and District headquarters by providing administrative and technical posts.

### **2. Training and Motivation :**

The most important component of the programme is training and motivation especially when the programme is still to take root. There are a large number of ongoing schemes including rural electrification and social forestry for providing energy in rural areas. Schemes pertaining to new sources of energy such as biogas, improved chullahs, solar and wind energy etc are also being taken-up separately. There is, however need for integrating these activities both at the planning and implementation stage so that energy requirements of the rural sector are met within a cost effective manner.

Three to five Motivators have been appointed in the different offices of HIMURJA. They are imparted training so that information of various new schemes of energy is disseminated. These motivators motivate people to use the new and renewable devices and methods of conserving energy. They also get feed back about various programmes that are under implementation.

Since the technologies in the field of Non-Conventional Energy Sources are in the development stage and are to cater for site specific needs, funds will be required to hold demonstrations, exhibitions of new devices, so as to motivate people to use them. For this purpose an amount of Rs. 4 lakh has been provided under this scheme for the year 1991-92 which will be utilised in full. A sum of Rs. 8 lakh for the Annual Plan 1992-93 and Rs. 44 lakh for the Eighth Plan has been proposed under the programme.

It is also proposed that an energy centre will be developed in Regional Engineering College which will organise training to rural people. IREP staff and other staff engaged in rural energy sector.

### 3. Project Implementation :

The rural energy planning exercise is area based. Therefore, for evolving appropriate strategy for energy in the rural areas, it is essential to have an assessment of existing availability of energy sources and pattern of consumption. After conducting surveys, project reports have been prepared which spell out the strategy for reducing the gap between demand and supply of energy. Various financial incentives are being provided for the use of energy efficient and non/conventional devices. The following subsidy pattern was followed in Seventh Plan.

1.	Smokeless Chullah	Rs.55/- (to be increased to Rs.68/-)
2.	Portable chullah	Rs. 200/-
3.	Pressure cookers	50% of the cost of Rs. 150/- (whichever is less) only to IRDP families.
4.	Energy Efficient Stove	50% of the cost of Rs. 35/- whichever is less (only to IRDP families).
5.	Solar Cookers	Rs.200/- besides Rs. 150/- Central subsidy.
6.	Domestic System 100 LPD	25% of the cost or Rs. 1000/- whichever is less besides Rs. 3000/- Central subsidy.

The above subsidy rates were worked out and decided during the financial year 1985-86. On account of the continuance price escalation the present cost of these devices has gone very high. With the existing subsidy pattern the balance amount, an individual has to pay for each device has almost become prohibitive. All out efforts by way of publicity through press, radio, TV and hand bills, arranging demonstration and above all personal motivations are being made for popularisation of these fuel efficient devices. Although the department has been successful in proving the effectiveness of the new technologies

but time is not ripe to withdraw or reduce the incentives caused by price hike as this will reverse the trend of increasing popularity and the programme of implementation likely to get serious set back. The attraction of low beneficiary share is required to be maintained for a few more years till these naturally become viable or atleast comparable in cost to other devices.

In view of the above background it is felt that the existing state subsidy pattern should be revised in such a way that beneficiary may not have to pay more than 50% of the cost of the device. Accordingly following subsidy pattern has been proposed for Eighth Plan.

1.	Smokeless Chullah	Rs.68/- as per Govt. of India norms
2.	Portable chullah (High altitude)	Rs. 300/- or 50% of the cost whichever is less.
3.	Portable Chullah (Low altitude)	50% of the cost.
4.	Energy Efficient stove.	50% of the cost or Rs. 50% whichever is less (only to IRDP families).
5.	Solar Cookers	Rs. 200/- as State Subsidy and Rs. 150 Central subsidy
6.	Domestic Solar Water Heating system 100 LDP	Rs. 3000/- & Rs. 3000/- Central subsidy
7.	Pressure cookers	50% of the cost of Rs.150/- whichever is less (IRDP families)
8.	Improved Water Mills	50% of the cost of Rs. 750/- whichever is less.
9.	Solar stills.	30 to 40% of the cost.

The cost of demonstration and installation of various devices in the IREP blocks is met from the Project implementation funds earmarked for the IREP blocks. For this purpose, funds to the tune of Rs. 57 lakh has been earmarked during the year 1991-92. The outlay proposed for implementation of the programmes in IREP blocks during Eighth Plan are Rs. 440 lakh and Rs. 75 lakh for Annual Plan 1992-93.

**d) Special Employment Programme :**

Himachal Pradesh is predominantly a hilly State where as much as 92% of the total population lives in rural areas. The main activity of the people living in rural areas is agriculture and most of the people have agriculture of their main source of income. The average holding of 80% persons is 1.53 hectares which make agriculture only subsistent. Apart from this, this State has

a large portion of the population living in hilly terrain, where- even agriculture and any other crop is also not sufficient to provide this with better living standard employment opportunities and income sources are not enough to cope with the problem of unemployment in the State. Although various anti-poverty programmes are in operation in the State for the removal of poverty and to provide more employment opportunities to the rural unskilled people, such as Jawahar Rozgar Yojana. Yet the problem of employment generation is still prevailing and a large number of unskilled people of the State are seeking employment.

For rural employment, JRY, is being implemented in the State. The financial allocation under JRY is not sufficient to ensure adequate level of job employment even for the identified poor people. In addition, since JRY is being implemented by the panchayats, the schemes approved by the Panchayats sometimes have different perspective because of their priorities and though scheme may generate employment yet there is a gap of scheme at village level which are potential in future development of the village. H.F. being hilly area and having scattered population, people from remote villages cannot go to places where employment from other sources are available. Hence, it has been our experience that certain areas in the State and certain categories of people require supplemental provision of employment generation.

With this in view, we are of the opinion that a special employment generation programme is required in the State.

There is a need to create larger employment opportunities specially area based and need based which should be prepared at block level according to the needs and viability in that particular area and these schemes should be got approved from the district level committees. The projects will be implemented through blocks taking the concerned panchayat into consideration. Exhaustive employment schemes will be prepared so that maximum unemployed persons can get employment and make their living standard better.

The State Government proposes to start a special employment programme for the unskilled people in rural areas. During the Annual Plan 1991-92 an amount of Rs. 246 lakh has been approved under this programme which will be utilised in full. For the Annual Plan 1992-93 an outlay of Rs. 300 lakh has been proposed out of total provision of Rs. 2000 lakh proposed for the entire Eighth Five Year Plan period.

**e) JAWAHAR ROZGAR YOJANA :**

After the merger of erst-while programme of NREP/RLEGP on new employment generation viz JRY has been launched by the Government of India throughout the country from the year 1989-90. The main objectives of the programme is generation of larger employment opportunities for the un-employed and under employed persons both men and women in the rural areas and creation of productive community assets for the direct and continuing benefits to the poverty groups. The expenditure under this

programme is shared by centre and State on 80:20 sharing basis. The allocation of funds to the States is made on the basis of incidence of poverty and from State to Districts, the allocation is made on the basis of number of agricultural labourers to main workers, percentage of SC/ST population to rural population and inverse of agricultural productivity in the ratio of 80:20. The programme is being implemented through village panchayats who are responsible for planning and execution of work under this programme.

During the Annual Plan 1991-92 an amount of Rs. 254 lakh has been provided for the programme which will be utilised in full. Against this, an outlay of Rs. 280 lakh for the Annual Plan 1992-93 and Rs. 1710 lakh for the Eighth Plan has been proposed under this programme. A target of 30.97 lakh man-days has been fixed under the programme for the year 1991-92 which will be achieved in full. Against this, a target of 32 lakh mandays for the Annual Plan 1992-93 and 200 lakh man-days for the Eighth Plan has been proposed under this programme.

### Staff Component Salary

During the financial year 1985-86 one post each of J.E. and Accountant was created in every blocks under erstwhile programme of NREP. Since the programme has been merged into JRY, the salary of this staff is temporarily being met out of 5% funds provided for administrative expenditure under JRY. A period of more than 4 years is over since the creation of these posts and the Government of India has strongly directed the State Government to curtail the administrative expenditure out of JRY funds. It is, therefore, suggested that in the first instance the posts of Accountants may be transferred to CD Plan during the Eighth Plan period so that the salary of these posts could be charged from a regular head and money kept for salary could be utilised for programme.

### 3. LAND REFORMS :

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	1870.72
Annual Plan actual expenditure (1990-91)	578.18
Annual Plan approved outlay (1991-92)	571.00
Annual Plan anticipated exp. (1991-92)	571.00
Annual Plan proposed outlay (1992-93)	766.00
Eighth Plan proposed outlay (1992-97)	4790.00

The schematic details are as under :

#### (a) CADASTRAL SURVEY AND RECORD OF RIGHTS :

The work of Settlement Operations (Cadastral Survey and Record of Rights) during Seventh Plan remained in progress in Una, Kangra, Shimla, Kinnaur, Bilaspur Districts and Spiti Sub-Division of Lahaul-Spiti District. The work is complete in Kangra, Kinnaur and Spiti Sub-Division of Lahaul Spiti District. Similarly, settlement work in Nahan, Sarahan, Solan, Naina Devi ji, Bilaspur, Hamirpur and Dalhousie towns was also undertaken and the work in these towns has been completed. During Seventh Plan a target of 13,19,300 Khasra numbers was fixed and the staff in both the Settlement Divisions surveyed 12,58,674 Khasra numbers.

Under this head, an expenditure of the order of Rs. 955.48 lakh was incurred during the Seventh Plan (1985-90) on different schemes. The actual expenditure incurred during the year 1990-91 under this head was Rs. 267.53 lakh and against this provision funds to the tune of Rs. 276 lakh has been provided for the year 1991-92. An outlay of Rs. 341 lakh for the Annual Plan 1992-93 and Rs. 2167 for the entire Eighth Plan period has been proposed under this head of development.

In Shimla Settlement Division the Settlement work is going on in Kumarsain, Jubbal, Chirgaon, Nankhari, Sunni, Shimla Town of Shimla District and some Villages of Kandaghat tehsil of Solan District and the work will continue in these tehsils during Eighth Five Year Plan. On completion of Settlement work in some of above mentioned areas, there is a proposal to take-up Chopal, Theog and Kotkhai tehsils of Shimla District during the Eighth Five Year Plan (1992-97). In Kangra Settlement Division the work of Kangra and Una Districts is in progress which is likely to be completed during 1992-93 and 1993-94 respectively. On completion of Settlement Operations in these Districts, Hamirpur District will be taken in hand by the Settlement Officer, Kangra Division.

For the Annual Plan 1992-93 and Eighth Plan (1992-97) an outlay of Rs. 341 lakh and Rs. 2167 lakh has been proposed under this head of development. The physical target fixed under this head are as under :

Sr. No.	Unit	Annual Plan (1991-92)		Proposed Annual Plan	Target Eighth Plan
		Target	Anticipated Achievement	(1992-93)	(1992-97)
1.	2.	3.	4.	5.	6.
1. Khasra Number Surveyed	Nos.				
(i) Kangra Division		65,500	65,500	72,048	3,60,240
(ii) Shimla Division		1,33,010	1,33,010	1,09,200	5,46,000
Total :		1,98,510	1,98,510	1,81,248	9,06,240

**CENTRALLY SPONSORED SCHEME :**

**Strengthening of Revenue Administration & Updating of Land Records :**

In our Planning Land Reforms have always occupied high place of priority. Among other measures, preparation of records constitutes a very important factor in implementing the land reforms which would have remained meaningless but for up-keeping of accurate records of right title and interest of people engaged in agriculture which is the main/major sector of our economy. The preparation of records involves Cadastral Survey which is the past used to be carried out by traditional method which does not have high percentage of accuracy and use in Himachal Pradesh have been depending upon the Survey of India for earmarking important points especially in the town areas involving huge expenditure. It has been felt necessary by the Government of India to open special cadastral survey institute in each state, so as to impart training to the personnel engaged in land survey by introducing modern survey equipments. The survey training institute at Hyderabad organised the state cadastral survey training workshop during 6th to 9th February, 1990. As many as 12 recommendations were made and establishment of survey and settlement training institute for training the Administrative Services and also to the civil services officers etc. prominently figured as the top recommendation. This recommendation passed through the scrutiny of the technical Committee of Ministry of Agriculture especially set-up for this purpose. The technical clearance by this committee was conveyed vide letter No. 18013/22/90-LRD, dated the 8th March, 1991. It was further examined in the Ministry of Agriculture, Department of Rural Development, who conveyed its approval vide letter No. 18013/5/90-LRD, dated the 10th March, 1991, sanctioning a sum of Rs. 220.00 lakhs for starting the Revenue Training Institute in Himachal Pradesh. While communicating the sanction the Government of India in Para 2 have accepted the sharing of expenditure of this Project on 50:50

basis. This sanction was effective from financial year, 1990-91, but in view of the paucity of funds the State Government could not provide the funds during the year 1990-91, and has requested the Government of India to allow this scheme for the year 1991-92. The Government of India have now agreed and sanctioned the Centre share vide letter No. 18013/5/90-LRD, dated the 9th May, 1991. The details of Rs. 220 lakh as sanctioned by the Government of India under the Centrally Sponsored Scheme are given here under :

(Rs. in Lakh)		
Sr. No.	Item	Cost of the Project (including Central/State Share)
1.	2.	3.
1.	Purchase of Modren equipments for Survey Settlement, Training Institute, Revenue Offices etc.	150.00
2.	Stengthening of Training infrastructure. (Construction of class rooms, library and books).	50.00
3.	Improvement in the District Record Rooms.	20.00
Total :		220.00

On receipt of approval from the Government of India, details of the project were worked out on the lines indicated above and sent to the Government of Himachal Pradesh. Now that the Government of India have extended its sanction to the current financial year, it has now become necessary to project it in the Annual Plan for 1991-92 and reflect it in the Eighth Plan, where our outlay for the entire period will be worked out at the increase allowed by the Government. The break-up of the outlays proposed for the Eighth Plan (1992-97) and Annual Plan (1992-93) under the Centrally Sponsored Scheme strengthening of Revenue Administration and updating of Land Records (50:50) are as under:

(Rs. in Lakh)				
Sr.No.	Year	Centre Share	State Share	Total
1.	2.	3.	4.	5.
1.	1992-93	23.00	23.00	46.00
2.	1993-94	26.45	26.45	52.90
3.	1994-95	30.43	30.43	60.86
4.	1995-96	34.94	34.94	69.88
5.	1996-97	40.18	40.18	80.36
Total :		155.00	155.00	310.00



Under this centrally sponsored scheme no provision of State Share has been kept due to financial resources constraints. The Government of India may consider this scheme for implementation as 100 percent centrally sponsored scheme.

**(b) SUPPORTING SERVICES TO NEW ALLOTTEES OF LAND :**

The scheme will be continued during the Eighth Five Year Plan as here to fore. Since the magnitude to providing proposed assistance is too meagre (due to small number of landless persons who are yet to be allotted land). During the Seventh Five Year Plan against the approved outlay of Rs. 5 lakh, Rs. 4.50 lakh was spent under this scheme. The actual expenditure incurred under the scheme during the year 1990-91 was of the order of Rs. 1 lakh and against this, a provision of Rs. 1 lakh again has been provided during the Year 1991-92 which will be utilised in full. An outlay of Rs. 1 lakh for the Annual Plan 1992-93 and Rs. 8 lakh for the entire Eighth Plan period has been proposed under this scheme.

**(c) CONSOLIDATION OF HOLDINGS :**

Consolidation of Holdings is an important Land Reforms measure. Realising its importance this scheme was included under the new 20-Point Programme. The State Government has set-up a new Settlement Officer unit during the end of the year 1982-83, prior to this there was only one Settlement Officer Circle operating in the State. For the staffing pattern of the new Settlement Officer Circle 267 posts of various categories have been created so far and the creation of the remaining 40 posts are still under consideration of the Government and the existing staff has been divided equally within the both Settlement Officer units at Hamirpur and Bilaspur.

**SEVENTH FIVE YEAR PLAN ACHIEVEMENTS :**

According to old survey report the total estimated area for fit Consolidation is 49 lakh Acres in the State, out of which 18,54,588 Acres have been consolidated upto 31st March, 1991 and target of 77,250 Acres is proposed to be achieved during the year 1991-92. Thus the total area of 19,31,838 Acres will be completed upto March 1992.

The achievement of target and expenditure during the 7th Plan is as under :

Year	Physical Targets (Acres in Haryana)	Physical Achievements	Outlay (Rupees in lakh)	Actual Expenditure
1.	2.	3.	4.	5.
1985-86	80.750	85.912	75.00	73.70
1986-87	84.500	86.091	80.76	80.76
1987-88	81.250	73.583	102.62	102.62
1988-89	77.250	76.924	136.13	136.13
1989-90	77.250	72.524	128.37	128.37
<b>Total :</b>	<b>4,01,000</b>	<b>3,95,034</b>	<b>522.88</b>	<b>521.58</b>

Under this head, Rs. 153 lakh was spent during the year 1990-91. Against this again an outlay of Rs. 153 lakh has been approved for the year 1991-92. The anticipated expenditure under this head for the year 1991-92 will be of the order of Rs. 270 lakh due to revision of pay scale in respect of Patwaries and Kan-ungoes.

**EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93) :**

For the Eighth Five Year Plan and Annual Plan (1992-93) an outlay of Rs. 1350 lakh and Rs. 220 lakh respectively has been proposed. With this investment, 3,86,250 acres of land will be consolidated during the entire period of Eighth Plan and out of this, 77,250 acres during the Annual Plan 1992-93. The year-wise break-up of the proposed financial outlays and physical targets for the Eighth Plan period under this head of development are as under :

Year	Proposed Targets (In Acres)	Proposed outlay (Rs. in Lakh)
1.	2.	3.
1992-93	77250	220.00
1993-94	77250	240.00
1994-95	77250	260.00
1995-96	77250	295.00
1996-97	77250	335.00
<b>Total :</b>	<b>3,86,250</b>	<b>1350.00</b>

#### **(d) STRENGTHENING OF PRIMARY AND SUPERVISORY LAND RECORD AGENCY**

The main object of the scheme of Strengthening of Primary and Supervisory Land Records Agency is to enhance the efficiency of Land Records, collection of Agricultural Statistics and other developmental activities. It was envisaged that the same was to be the key to all improvements in agricultural statistics so that the statistics become more reliable and comprehensive for planning and administrative purposes.

The scheme of Strengthening of Primary and Supervisory Land Records Agency was initiated in 1962 on the direction of the Government of India, Ministry of Food and Agriculture, but its implementation started in 1971. The scheme was accordingly drawn-up and sent to the Government for its full implementation during the Sixth Five Year Plan period. But the allotment of very nominal funds could not help completion of this scheme even upto the end of Seventh Five Year Plan. There was a proposal of providing 3307 posts of various categories to complete this scheme within the Sixth Five Year Plan, but only 646 posts of various categories have been sanctioned during the Sixth Five Year Plan, out of which only 448 posts of Patwaries alone have been sanctioned.

As per standard laid down in para 3.4 of the Himachal Pradesh Land Records Manual a Patwari should handle 4,440 khasra number to enable him to undertake his job efficiently but contrary to these standard to patwari in this State was handling 10,000 to 12,000 khasra number in the past, but with the operation of this scheme the work-load of patwaries has come down to some extent but not standard laid down in the Himachal Pradesh Land Records Manual i.e. 4,440 khasra number per patwari. At the end of Sixth Five Year there were only 1906 patwaris and at that time the workload with a patwari was about 6,147 khasra number. To bring down the average khasra number to 4,440 per patwari a proposal was submitted to the Government for the creation of 3055 posts of various categories so that the average khasra number per patwari would be achieved.

#### **SEVENTH FIVE YEAR PLAN ACHIEVEMENTS :**

During the 1st Year of Seventh Plan i.e. 1985-86, 56 posts of various categories were sanctioned/created. During the Annual Plan 1986-87, 228 posts of various categories have been sanctioned/created. Similarly during the year 1987-88 and 1989-90, 243 posts of patwaries, Field Kanungoes, Office Kanungoes and Peons have been sanctioned/created. With the creation of these posts, presently the work-load with each patwari has been reduced to 5,170 khasra number per patwari.

During the Seventh Plan the actual expenditure incurred under this head was of the order of Rs. 232.66 lakh. An amount of Rs. 120.73 lakh was spent during the year 1990-91 and against this, Rs. 102 lakh has been provided for the year 1991-92. The anticipated expenditure against the approved outlay for the year 1991-92 will be of the order of Rs. 130 lakh.

## EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93) :

The present khasra number in the Pradesh as per data available are 1,18,29,365 approximately which in fact have considerably decreased due to consolidation operations going in the Pradesh. The workload with Patwari has come down to 5,170 khasra number approximately which is still higher and more than the norms fixed in the Himachal Pradesh Land Records Manual.

In addition to their prescribed duties, the patwaries involment is in every field such as old age pension, cattle census, human census, agricultural census and 20-Point Programme or any other scheme relating to uplift of the rural poor. The State Government have relaunched the implementation of the 20-Point Programme viz; grant of land to landless, house sites to houseless, grant of old age pension and preparation and distribution of Kisan Pass Books. The patwaries in the Pradesh are mostly responsible for the implementation of the above programme which carry-priority with them. The Patwari Circles in the Pradesh being very large and the villages located at distance separated by rivulets/hillocks etc. It is very difficult to perform their duties properly as most of the area of the Pradesh is a difficult one. The climatic conditions in the Pradesh also do not permit proper discharge of their duties in such a large Patwar Circles. The facilities of communications as compared to other States are not available in this State.

Para 3.4 of the Land Records Manual lays down that one Patwar Circle should be created for 4,440 khasra number or 4 1/2 Mauza, 1200 Khatauni Holdings, total area of 8,000 Acres and culturable area 3,330 acres and Land Revenue Rs. 3,330 and this norm is very old and in view of the heavy increase in multifarious new type of duties of the Patwaries, this has been recommended to be reduced further. The Agricultural Commission set-up by the Government of India as well as Revenue Ministers Conference held during 1985 of all States and also by the High Power Committee set-up by the Himachal Pradesh Government have recommended that this norm should be brought down to 3,000 khasra number per patwari. With a view to achieve this norm and to reorganise all the Patwar Circles in the State, a total number of 1655 posts of Patwaries, 260 posts of Field Kan-ungo-s i.e. one over 8 Patwaries and 260 posts of Peons apart from some other categories are required to be created during the Eighth Five Year Plan in a phased manner. Apart from this, it is proposed to create 168 posts of various categories including the posts for Tribal Areas during the year 1992-93 so that the required khasra number could be achieved to some extent.

Apart from the above it was decided to set-up a permanent Patwar Training Institute during Eighth Five Year Plan but due to financial stringency of the State this could not be established. But it was envisaged to set-up a permanent Revenue Training Institute during the Eighth Five Year Plan where proper training for this agency will be imparted, including refresher courses. For this purpose a total number of 9 posts are proposed to be created during the entire Eighth Plan period.

Name of the Posts	No. of posts proposed	
	Eighth Plan (1992-97)	Annual Plan (1992-93)
1.	2.	3.
1. Dy. Director (Trg.) H.A.S.	1	1
2. Asstt. Director (Tehsildar)	1	1
3. Instructor (N.T.)	2	-
4. Asstt. (Inst.) (Kgo.)	2	-
5. Assistant	2	-
6. Clerk	4	-
7. Peon	2	1
8. Chowkidar	1	-
9. Sweeper	1	-
<b>TOTAL :</b>	<b>16</b>	<b>3</b>

The Land for this training institution will be procured by the department free of cost. For the creation of three post, viz Deputy Director (Trg.), Assistant Director (Tehsildar) and Peon, an outlay of Rs. 2 lakh has been proposed for the Annual Plan 1992-93.

For the Eighth Plan (1992-97) an outlay of Rs. 971 lakh and for the Annual Plan (1992-93) an outlay of Rs. 155 lakh has been proposed under this head of development.

#### CENTRALLY SPONSORED SCHEME :

##### Theodolites

During the year 1990-91 we have proposed to supply EDM and Theodolites for updating and accuracy of revenue records. But the Government of India have already approved 4 sets of EDM and Theodolites to be purchased during the year 1991-92 for which 28 lakh has already been sanctioned by the Government of India on 50:50 basis.

#### e) REVENUE HOUSING :

With a view to keep land records up-to-date in the safe custody of Patwari in Patwarkhana for its easy accountability for inspection and day to day work, the need for construction of patwarkhana buildings is of paramount importance.

Presently, there are 2288 patwar circles in the Pradesh each manned by the Patwari out of which 1370 patwarkhanas are located in Government buildings for which funds have been allocated under the scheme Revenue Housing Eighth /Ninth Finance Commission/ Drought Relief/Local District Plan.

**SEVENTH FIVE YEAR PLAN ACHIEVEMENTS :**

During the Seventh Plan (1985-90) 46 Patwarkhanas and 5 Kanungoes buildings were constructed under Revenue Housing Scheme. 46 Patwarkhanas and 5 Kanungoes office buildings were constructed during the year 1990-91 and against this achievement, a target for the construction of 4 Patwarkhanas and 2 Field Kanungoes office buildings has been fixed for the year 1991-92.

Under this scheme, Rs. 39.15 lakh was spent during the Seventh Plan periods. The actual expenditure for the year 1990-91 was Rs. 5 lakh and against this, again an amount of Rs. 5 lakh has been provided for the year 1991-92 under this scheme. The funds utilised for this purpose under Finance Commission Awards/Drought Relief/Local District Planning were extra over the normal plan provisions.

**EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93) :**

There are still 809 Patwar Circles in the State for which Patwarkhana buildings are required to be constructed during the Eighth Plan periods. Besides this at present there are 235 Field Kanungoes Circles in the Pradesh out of which funds have already been allocated only for 96 Field Kanungoes office buildings. Thus there still remains a total number of 139 Field Kanungoes office buildings to be constructed during the Eighth Plan periods.

For the construction of Patwarkhana and Field Kanungoes office buildings the following estimates have been worked out :

Construction Cost (Per Unit)	Non Tribal Area	Tribal Area
1. Patwarkhana	80,000	1,00,000
2. Field Kanungo	1,00,000	1,00,000

An outlay of Rs. 10 lakh for the Annual Plan 1992-93 and Rs. 50 lakh for the entire period of Eighth Plan has been proposed under this head. Apart from this, the funds for this purpose will also be earmarked during the Annual Plan of Eighth Plan under Finance Commission Awards/Drought Relief/Local District Planning. During the Eighth Plan (1992-97), it is targetted to construct 809 Patwarkhanas and 110 Field Kanungoes office buildings in the Pradesh. The target for the Annual Plan 1992-93 is to construct 163 Patwarkhanas, 22 Field Kanungoes office buildings and one office building of the Directorate of Land Records for the State Headquarters Staff.

**f) FOREST SETTLEMENT :**

The Survey and Settlement of Forests in respect of Shimla and Kinnaur Districts commenced in the year, 1983. The Forest Settlement Operations in Kinnaur District has been completed during the Seventh Five Year Plan and the existing staff developed for this purpose in Kinnaur District has been shifted to Shimla District for carrying out Forest Settlement work in Shimla District. The main objective of the Forest Settlement Operations is to enquire into and determine the existence, nature and extent of rights of the Government and private persons in the Forest land and waste land under the provisions of Section 29 of the Indian Forest Act, 1927. During the Eighth Plan 1992-97, the Forest Settlement Operations will remain in progress in Shimla District, as sufficient work is yet to be done in respect of this District.

**SEVENTH FIVE YEAR PLAN (1985-90)- ACHIEVEMENTS :**

During the Seventh Five Year Plan (1985-90) the actual expenditure incurred under this head of development was of the order of Rs. 117.35 crore. The actual expenditure incurred during the year 1990-91 was Rs. 30.92 lakh and against this, Rs. 34 lakh has been provided for the year 1991-92 under this head. The physical achievements under Forest Settlement head during the Seventh Five Year Plan and Annual Plan 1990-91 and 1991-92 are as under :

Item	Unit	Seventh Plan (1985-90) Achievements	Annual Plan (1990-91) Achievements	Annual Plan (1991-92) Targets
1.	2.	3.	4.	5.
Measurement of Area.	Hect.	45036-99-44	7617-65-39	4511-00-00

**EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93) :**

For the Eighth Plan (1992-97) an outlay of Rs. 244 lakh and for the Annual Plan (1992-93) an outlay of Rs. 39 lakh has been proposed under this head. The proposed physical targets for the Eighth Plan periods are as under :

Item	Unit	Proposed Target	
		Eighth Plan (1992-97)	Annual Plan (1992-93)
1.	2.	3.	4.
Measurement of Area	Hect.	22555-00-00	4511-00-00

#### 4. COMMUNITY DEVELOPMENT :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	402.79
Annual Plan actual expenditure	(1990-91)	91.92
Annual Plan approved outlay	(1991-92)	127.00
Annual Plan anticipated exp.	(1991-92)	127.00
Annual Plan proposed outlay	(1992-93)	144.00
Eighth Plan proposed outlay	(1992-97)	715.00

The Community Development Programme is based on the schematic patterns envisaged under old Community Development programme. The main objective of this programme is the development of the rural people with the initiative and participation of community itself. The following programmes of works are proposed to be taken during Eighth Five Year Plan and Annual Plan 1992-93 :

##### 1. General Education :

During Seventh Plan period grant-in-aid @ 10,000/- per block was given to the Panchayat Samities for construction and repair of primary school buildings. It is proposed to continue this assistance during Eighth Five Year Plan. During the Annual Plan 1991-92, an amount of Rs. 7 lakh has been approved under this scheme. An outlay of Rs. 35 lakh has been proposed for the Eighth Plan and Rs. 7 lakh for the Annual Plan 1992-93.

##### 2. Social Education :

Under Social Education grants-in-aid @ 10,000/- per block is given to Panchayat Samities for the organisation of cultural programmes such as rural sports and other programmes of social importance. It is proposed to continue this assistance during the Eighth Plan period. An amount of Rs. 7 lakh has been approved under the scheme for the year 1991-92. Against this, an outlay of Rs. 7 lakh for the Annual Plan 1992-93 and Rs. 35 lakh for the Eighth Plan has been proposed under this scheme.

##### 3. Staff Component Salary :

During the Annual Plan 1991-92 an amount of Rs. 35 lakh has been approved under this scheme. An outlay of Rs. 200 lakh has been kept for meeting the salary of the staff created under C.D. for the Eighth Plan period and Rs. 38 lakh for the Annual Plan 1992-93.

##### 4. a) Construction of residential Buildings and Gram Sewak Huts :

The housing needs of staff working in the field, construction of residential quarters and Gram Sewak huts is undertaken under this programme. During the year 1991-92 an amount of Rs. 20 lakh has been approved under this scheme. An amount of Rs. 10 lakh has been proposed to be spent during Annual Plan 1992-93 and Rs. 75 lakh for the Eighth Plan periods.



**b) Construction/completion of ongoing blocks/Panchayat Samities buildings :**

The construction work of various office buildings in the blocks is incomplete and for the completion of these buildings a sum of Rs. 100 lakh has been proposed during Eighth Plan period and Rs. 15 lakh during the Annual Plan 1992-93.

**5. Composite Programme :**

Under this programme grants are provided for the promotion and strengthening of Mahila Mandals, incentive awards to Mahila Mandals and organisation of skill training camps for non-officials etc. Mahila Mandals consists mostly of those women who otherwise are not the beneficiaries of IRDP and DWCRA etc. Thus it is proposed to strengthen Mahila Mandals consisting of those left out women. A grant of Rs. 5000/- per Mahila Mandal is proposed to be given for the organisation of skill training/ awareness camps incentive awards etc. An amount of Rs. 5 lakh has been approved under this scheme for the year 1991-92. An amount of Rs. 25 lakh has been proposed to be spent during Eighth Plan and Rs. 10 lakh during Annual Plan 1992-93. It is proposed to cover about 1500 Mahila Mandals during the Eighth Plan period and 200 during Annual Plan 1992-93.

**6. Health and Sanitation :**

Under this item grant-in-aid @ 12400/- under non-tribal and Rs. 21,400/- under tribal per block is given to the Panchayat Samities for the construction and repairs of drinking water supply works, works of drainage pavement of streets and such other works as may advance sanitation and health of the rural community. The construction and running of dispensaries, maternity and child welfare centres, primary health centres and other public purposes like construction of sanitary latrines and urinals, drains and soakage pits etc. An amount of Rs. 5 lakh has been kept under the scheme for the year 1992-93. A sum of Rs. 35 lakh has been proposed for this programme during Eighth Plan and Rs. 9 lakh for the Annual Plan 1992-93 under this scheme.

**7. Maintenance of Buildings Constructed by R.D.**

In some of the blocks this department has constructed its own buildings and certain buildings are in a dilapidated conditions. For the maintenance of these buildings it is proposed to spend Rs. 30 lakh during Eighth Plan and Rs. 5 lakh during Annual Plan 1992-93.

**8. Matching incentive Grant to Mahila Mandals for Production Activities :**

There are about 4,000 Mahila Mandals in the State consisting of members from various sections of the society. Most of the Mahila Mandals consists of the Non-IRDP beneficiaries and due to the limitation of IRDP they are not able to receive any assistance from the Government. Like DWCRA programme, these Mahila Mandals are also engaged in the production activities.

But due to financial problems they are not able to explore the income generating activities. During the Eighth Plan it is proposed to give matching incentive grants to Mahila Mandals those are engaged in production activities. The matching incentive grant will be equal to income generated by the group it self out of the scheme started by them. Besides, some new schemes will be introduced for strengthening of these Mahila Mandals and skill training will be given to the members of Mahila Mandals so as to run the income generating activities successfully. Besides, the work sheds will also be constructed to the Mahila Mandals, wherein they can start the income generating activities.

During the Eighth Plan period it is proposed to spent Rs. 105 lakh and Rs. 28 lakh during Annual Plan 1992-93.

**9. Tailoring Centres (Technical Education) :**

For the implementation of this scheme an amount of Rs. 13 lakh has been kept for the Annual Plan 1991-92. Against this, an outlay of Rs. 15 lakh for the Annual Plan 1992-93 and Rs. 75 lakh for the Eighth Plan has been proposed under this scheme.

5. PANCHAYATS :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	194.93
Annual Plan actual expenditure	(1990-91)	68.64
Annual Plan approved outlay	(1991-92)	93.00
Annual Plan anticipated exp.	(1991-92)	93.00
Annual Plan proposed outlay	(1992-93)	135.00
Eighth Plan proposed outlay	(1992-97)	760.00

Three tier Panchayati Raj system in Himachal Pradesh is in existence since 1954. The Gram Panchayats at the grass-root level, Panchayat Samities at the block level and Zila Parishads at the District level have been established under the Himachal Pradesh Panchayati Raj Act, 1968. At present there are 2597 Gram Panchayats, 69 Panchayat Samities and 12 Zila Parishads in the Pradesh. Elections to Gram Panchayats and Panchayat Samities except Panchayats Samities of Jubbal-Kotkhai in Shimla District and Panchayat Samiti of Paragpur in Kangra District where election of Chairman and Vice Chairman of Panchayat Samities are yet to be held, are complete and elections to Zila Parishads are yet to be held.

The Panchayati Raj Institutions have to play a very vital role in the execution of various developmental works meant for the uplift of rural areas. Emphasis is now being laid on the association of these democratic rural institutions with the formulation of Plan and execution of various plan schemes, as without an active participation of these institutions in the formulation of plan and execution of various plan schemes, we cannot expect desired results and all-round development of the rural areas. These days stress is being laid on the strengthening of these institutions in every respect and now an exercise is going on to bestow adequate administrative as well as the financial powers to these institutions.

At present the Panchayati Raj Institutions in the Pradesh have got no source of income except the income from the collection of house tax, matching incentive grant equal to the collection of house tax given annually by the Government, grant equal to the collection of local rate and the grant equal to 20% of the collection of land revenue, which on an average is of the order of 5000/- to 5,500/- per annum per Panchayat. Such a meagre income is considered to be insignificant and hardly enough for meeting the domestic expenses of these institutions what to talk of developmental works. With a view to make these grass-root level institutions self reliant, it has become essential that more funds are placed at the disposal of Panchayati Raj Department for providing grant-in-aid to Panchayati Raj Institutions for the creation of infrastructure required by them for carrying out their day to day work besides other general grants.

During the Seventh Five Year Plan 1985-90, against the approved outlay of Rs. 140 lakh an expenditure of 194.93 lakh was incurred. During the year 1990-91 an expenditure of Rs. 68.64 lakh was incurred. For the Annual Plan 1991-92, Rs. 93 lakh was approved for Panchayati Raj Institution. Against this, Rs. 135 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 760 lakh proposed for the Eighth Plan period. The Eighth Plan size has been proposed more than five times of the Seventh Five Year Plan which itself indicates the growing importance of Panchayati Raj institutions in the process of decentralised planning.

The schematic details of the different schemes under this head is as under :

**1. Grant-in-aid to the Panchayati Raj Bodies for the Payment of Honorarium to its Elected Representatives :**

As per decision of the Government, Chairman and Vice Chairman of Panchayat Samities and Pradhan and Up-Pradhans of Gram Panchayats are to be paid a monthly honoraria of Rs. 300/- Rs. 150/- and Rs. 100/- + Rs. 50/- respectively. Presently, there are 2597 Gram Panchayats and 69 Panchayat Samities. To meet the expenditure of this scheme an outlay of Rs. 51 lakh has been approved for the Annual Plan 1991-92. Against this, Rs. 54 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 268 lakh proposed for the Eighth Plan period.

**2. Grant-in-Aid to Panchayats for the Purpose of Periodicals/ Journals and Library Books :**

The scheme is in existence for the past so many years. The grant-in-aid @ Rs. 220/- per Panchayat per annum to 2767 Gram Panchayats is proposed to be given during the Eighth Plan and Annual Plan (1992-93) for Panchayat Library to acquaint the panches and Gram Sabha Members with the latest development. During the Annual Plan 1991-92 an amount of Rs. 5 lakh has been approved under this scheme. Against this, an outlay of Rs. 6 lakh for the Annual Plan 1992-93 and Rs. 39 lakh for the Eighth Plan (1992-97) has been proposed under this scheme.

**3. Grant-in-aid for the construction/repair of Panchayat Samiti/Zila Parishad Bhawan :**

At the District level Zila Parishad Bhawans with a big hall for holding meetings of Zila Parishads, Seminars and Sammelans beside providing accomodation to the functionaries of the Panchayati Raj Bodies and rural people visiting district headquarters at cheaper rates shall be constructed for which grant-in-aid will be provided by the Government. Similarly grant-in-aid is to be provided to the Panchayat Samities for the construction of their office buildings which will have a hall for holding meeting of the Panchayat Samities as well as sammelans and seminars besides office of the Chairman Panchayat Samities. During the Annual Plan 1991-92, an outlay of Rs. 10 lakh was approved under this scheme. Against this, an outlay of Rs. 11.70 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 78 lakh proposed for the Eighth Plan period.

#### **4. Grant to Panchayats for the discharge of Municipal Functions**

In the Pradesh there is a good number of Panchayats which have almost taken the shape of towns and at such places it has become essential to provide at least minimum basic amenities like street lights, public water taps, sanitation and such other facilities, which the Panchayats can not afford to provide because of the fact that their financial position is not sound enough. The demand from other Panchayats for the sanction of grant-in-aid under this scheme are also being received. For the Annual Plan 1991-92, Rs. 8 lakh was approved under this scheme. Against this, an outlay of Rs. 9.50 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 63 lakh proposed for the Eighth Plan period.

#### **5. Grant-in-aid to Panchayats equal to the collection of Enhanced House Tax :**

The provision of Rs. 2.50 lakh has been approved under this scheme for the Annual Plan 1991-92. Against this, Rs. 30 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 150 lakh proposed for the Eighth Plan period. The provision under this head is being provided with a view to fulfill the commitment of the Government as made by the Hon'ble Chief Minister during his budget session 1989-90 according to which twice the amount of increased tax collections over the last year is required to be given to Panchayats in the shape of matching incentive grant.

#### **6. Grant-in-aid to Panchayats for the Construction/repair of Panchayat Ghars :**

Financial position of the Panchayats in the Pradesh is very weak as they have no resources of their own. A scheme was introduced to provide contributory grant to the Panchayats for the construction/repair of Panchayat Ghars, with a view to provide roofed accomodation to these grass-root level democratic institutions where they could hold their meetings, run their office and to keep their articles of stock and store. There are still about 600 Gram Panchayats which are not having their own Panchayat Ghars and required to be given grants-in-aid for construction of Panchayat Ghars. This number is also likely to increase further as a result of reorganisation of existing gram sabha circles. For the Annual Plan 1991-92, Rs. 2 lakh was approved under this scheme. Against this, Rs. 2.30 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 15 lakh proposed for the Eighth Plan period.

#### **7. Loans to Panchayati Raj Bodies for the Creation of Remunerative Assets :**

Under this scheme loans to the Panchayati Raj bodies are provided on nominal rate of interest i.e. 3% per annum, which is interest free for the Panchayats of Tribal areas and Panchayats declared as backward, for the creation of remunerative assets e.g. construction of shops/residential accomodation for rental purposes and raising of orchards etc. which could become a source of permanent income to these bodies. Under this scheme Rs. 10

lakh has been approved for the Annual Plan 1991-92. Against this, Rs. 11.50 lakh has been proposed for Annual Plan 1992-93 out of Rs. 77 lakh for the Eighth Plan period.

**8. Construction of Buildings of the Panchayati Raj Training Institute, offices of the District Panchayat officers and the Director of Panchayati Raj :**

Presently the office of the Director of Panchayati Raj, District Panchayat Officers Solan, Una, Hamirpur, Kullu, Lahaul-Spiti and Kinnaur are housed in the rented buildings and the building of the Panchayati Raj Training institute at Meshobra is under construction. In the interest of the efficient working of these offices it is necessary that we have our own buildings. Under this scheme a sum of Rs. 2.50 lakh has been approved for the Annual Plan 1991-92. Against this, an outlay of Rs. 8 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 54 lakh proposed for the Eighth Plan period.

**9. Scheduled Caste Special Component Plan :**

It is proposed to provide grant-in-aid for performing civil function to Harijan Bastis viz. construction of village path, drains, street light and pavement of street etc. during the Eighth Five Year Plan periods. For the Annual Plan 1991-92, Rs. 2 lakh has been provided under special component plan. Against this, again an outlay of Rs. 2 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 16 lakh proposed for the Eighth Plan 1992-97 period.

IV. IRRIGATION AND FLOOD CONTROL :

(Rs. in Lakh)

Seventh Plan actual expenditure	(1985-90)	7141.90
Annual Plan actual expenditure	(1990-91)	2475.27
Annual Plan approved outlay	(1991-92)	3503.00
Annual Plan anticipated exp	(1991-92)	3503.00
Annual Plan proposed outlay	(1992-93)	3464.00
Eighth Plan proposed outlay	(1992-97)	17403.00

Irrigation and Flood Control Sector comprises sub sector Irrigation both Major and Medium Irrigation, Command Area Development and Flood Control. The Sub-Sector-wise details are as under :

a) IRRIGATION :

The total geographical area of Himachal Pradesh is 55.67 lakh hectares. Out of this a high percentage of the area is under perpetual snow or under forests and steep barren slopes. As per latest available figures only 5.73 lakh hectare is the net area sown in the Pradesh. It is estimated that ultimate irrigation potential of the State is approximately 3.35 lakh hectares out of which 50,000 hectares can be brought under irrigation through major and medium irrigation projects and balance 2.85 lakh hectares can be provided irrigation through minor irrigation schemes. The statistical data regarding irrigation in the State is given below :

Sr.No.	Item	Unit	
1.	2.	3.	
1.	Total geographical area	Lakh Hect.	55.67
2.	Net area sown	Lakh Hect.	5.73
3.	Ultimate Irrig.potential available.		
i)	Major and Medium Irrig.	000 Hect.	50.00
ii)	Minor Irrigation.	000 Hect.	285.00
	Sub - Total (3) :		335.00
4.	Coverage upto the end of Seventh Plan 31st March, 1991.		162.49

Irrigation Projects are classified into three categories, namely, major, medium and minor projects. Projects which have culturable command area of 10 Hect. are classified as 'Major Irrigation Projects', projects which has a CCA of more than 2 Hect. but less than 10 Hect. are classified as 'Medium Irrigation Projects' and projects with CCA of 2 Hect. or less are classified as Minor Irrigation projects. Under the Minor Irrigation projects both surface and Ground Water Development projects are included.

**REVIEW OF ACHIEVEMENTS UNDER IRRIGATION DURING DIFFERENT PLAN PERIODS :**

Unlike other development schemes, viability of irrigation schemes is to be judged by way of benefit cost ratio. The benefits are in the shape of increased production and cost is taken as the interest on capital investment together with the annual maintenance cost for running of the irrigation schemes, schemes with a benefit cost ratio of more than 1.5 are only approved.

Starting practically from scratch, an area of 1,62,490/-hects. of land from different agencies viz. Government schemes, rural development department schemes and through private kuhl has been brought under assured irrigation upto March, 1991 which is nearly 49.34% of the economically irrigable area of 28.21% of the culturable area of the State.

The physical and financial achievements and investments respectively during the different plan periods are as given below

**PHYSICAL ACHIEVEMENTS**

(in hectares)

Year	Rural Dev. & Agri. Deptt. and private Kuhl's	Govt. schemes executed by IPH Department			Expdt. (Rs. in lakh)
		Minor	Medium	Total	
1.	2.	3.	4.	5.	6.
1951-56	61,000	2370	--	2370	33.57
1956-61	1,500	3687	--	3687	65.66
1961-66	1,550	2805	--	2805	44.21
1966-67	1,150	821	--	821	7.86
1967-68	850	4720	--	4720	76.44
1968-69	300	1660	--	1660	27.31
1969-70	4,000	6175	--	6175	289.84
1970-75 }		3442	--	3442	109.09
1975-76 }		1385	--	1385	128.44
1976-77 }	8,643	2100	--	2100	148.55
1977-78 }		2953	--	2953	200.92
1978-79 }		1331	--	1331	343.09
1979-80 }		3364	--	3364	422.17
1980-81 }		4888	3190	8078	495.67
1981-82 }		5407	2996	8403	650.88
1982-83 }	3,485	4000	--	4000	721.24
1983-84 }		3826	--	3826	447.08
1984-85 }		2370	200	2570	505.51
1985-86	1,241	9600	1750	11350	6615.56
<b>TOTAL :</b>	<b>83,719</b>	<b>66904</b>	<b>8136</b>	<b>75040</b>	<b>11333.09</b>
1990-91	1,090	2351	250	2601	2227.44
<b>GRAND TOTAL :</b>	<b>84,809</b>	<b>69255</b>	<b>8386</b>	<b>77641</b>	<b>13560.53</b>



Thus total irrigation potential created is :

a) By rural development and Agriculture Department schemes & Private Schemes	84,809 Hectare
b) By PW & IPH Department Schemes	77,681 Hectare
TOTAL :	----- 1,62,490 Hectare -----

The sub sector-wise details of schemes/projects under operation in the State are as under :

1. MAJOR AND MEDIUM IRRIGATION :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	913.87
Annual Plan actual expenditure	(1990-91)	284.05
Annual Plan approved outlay	(1991-92)	307.00
Annual Plan anticipated exp.	(1991-92)	307.00
Annual Plan proposed outlay	(1992-93)	234.00
Eighth Plan proposed outlay	(1992-97)	2428.00

Area which can be irrigated through various major and medium irrigation projects can only be known after detailed investigation and survey is carried out. However, projects which are under execution and those which has been identified for survey and investigation are :

Sr. No.	Name of Projects	Approx. Area which can be covered (in hectare)	Remarks
1.	2.	3.	4.
1.	Shah Nehar Project.	15287	Sanction awaited
2.	Giri Irrigation Project.	5263	Completed
3.	Balh Valley Project.	2410	Nearing Completion
4.	Bhabour Sahib Project Phase-I	933	Completed
5.	Bhabour Sahib Project.	2640	In progress
6.	Phina Singh Project.	3000	
7.	Sidhata Project.	2000	
8.	Churu Project in Una Distt.	2000	
9.	Beet Illaqua Project in Una District.	2000	
10.	Anandpur Hydel Changer Area Project in Bilaspur District.	1000	Not accepted by CWC
11.	Kirpal Chand Project in Kangra District.	2000	
12.	Sarwari Project in Kullu District.	2000	

1.	2.	3.	4.
13.	Hatli Safrangra Batauha Project (Baldwara valley) in Sarkaghat Tehsil of Mandi District.	3000	
14.	Kala Kund Project in Solan District.	2000	
15.	Tikkar Dam Project in Hamirpur District.	1000	
16.	Dhaneta Barsar Project in Hamirpur District.	2000	
17.	Sakhral Project in Hamirpur District.	2000	
18.	Jangle Bari Project in Hamirpur District.	2000	
19.	Basar Gadi Glore Shah Talai Project.	3000	
20.	Bara solds Nagrota Suriyan Project.	2000	
Total :		57533	

(i) MAJOR IRRIGATION PROJECTS :

The project-wise details under major and medium irrigation is given in the following paragraphs.

SHAH NEHAR PROJECT :

The only major irrigation project in the State is Shannehar project in District Kangra. With the construction of Shannehar barrage, the water of river Beas was diverted by Punjab, thereby adversely effecting irrigation rights of the inhabitants of Himachal Pradesh. The matter was taken-up with the Government of Punjab and an agreement was signed in July, 1983 whereby the Punjab Government agreed to release 228 cusecs water of Himachal Pradesh and to bear the entire cost of providing lined carrier channel system for irrigating the area. which would have received irrigation had the barrage not been constructed and water allowed to flow. One field Circle with allied staff was created for survey. Investigation and preparation of the project and detailed project report amounting to Rs. 49.30 crores was prepared and submitted to the Central Water Commission, New Delhi during 1987 for scrutiny and approval. This has been up-dated and fresh estimate amounting to Rs. 93.20 crores has been sent to C.W.C. on 1.7.1990. On completion of this project, an irrigation potential of 15,287 hectares shall be created.

The salient features of Shah Nehar Major Irrigation project are as under :

a) Estimated Cost	Rs. 93.20 crore (revised)
b) Area to be benefitted :	
i) Gross Command Area.	22,627 hectare
ii) Culturable command area.	15,287 hectare
iii) No. of Villages	93 villages
c) Supply to be utilised.	228 hectares
d) Yearly water requirement.	0.163 MAF
e) Length of Canals.	
i) Right bank canal.	48.85 Kms
ii) Left bank canal.	33.00 Kms
f) Benefit cost ratio.	2.07 : 1
g) Expenditure during Sixth Plan.	43.33-lakh

The approved outlay for this project during the Seventh Five Year Plan period was Rs. 800/- lakh and against this Rs. 257.30 lakh was spent. During the year 1990-91 expenditure incurred on this work was Rs. 75.68 lakh. During 1991-92 a provision of Rs. 57 lakh has been approved for this work. Against this, an outlay of Rs. 66 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 1600 lakh for the Eighth Plan for the implementation of this project.

(ii) MEDIUM IRRIGATION PROJECT :

Two medium irrigation projects in the State have been completed and the work on another two is in progress. The work of medium irrigation projects was taken in hand in the State during Fifth Plan. The physical and financial achievements under medium irrigation upto the end of Seventh Plan are as under:

Sr. No.	Year	Expenditure (Rs. in Lakh)	Physical Achievements (in hectares)	Name of the Project
1.	2.	3.	4.	5.
1.	1980-81	203.67	3190	Giri irrigation and Bhabour Sahib Phase I
2.	1981-82	142.28	2996	Giri irrigation and Bhabour Sahib Phase I
3.	1982-83	52.06	--	
4.	1983-84	32.71	--	
5.	1984-85	130.00	200	
6.	1985-90	656.57	1750	Balh Valley
Total		1267.29	8136	

The details of expenditure incurred and physical achievement through completed medium irrigation projects are as under :

Sr. No.	Name of Scheme	Estimated cost in lakh	Expenditure incurred (Rs. in lakh)	Physical Achievements (in hectares)
1.	2.	3.	4.	5.
1.	Giri irrigation project	823.00	823.00	5263
2.	Bhabour Sahib Ph.-II	85.00	121.51	923
Total :		908.00	944.51	6186

The details of the medium irrigation projects in progress are as under :

1. BALH VALLEY PROJECT :

This project is under construction in Mandi District and will utilise water from Baggi channel of Beas-Sutlej link project. This will create an irrigation potential of 2410 hectare. The revised project report amounting to Rs. 8.27 crore has been submitted to the Central Water Commission on 2-9-1988. The salient features of the project are :

a) Source.	Baggi Channel of BSL Project
b) CCA.	2410 hectares.
c) Sanctioned cost.	Rs. 302.71 lakh.
d) Achievement during Sixth Plan.	200 hectare.
e) Expenditure during Sixth Plan.	Rs. 117.20 lakh.
f) Revised Estimated cost.	Rs. 827.00 lakh (Submitted to G.O.I. on 2.9.1988).
g) Expenditure ending 3/91.	Rs. 822.14 lakh.
h) Area likely to be brought under irrigation by the end of Annual Plan 1991-92.	2410 hectare.

The details of expenditure incurred and physical achievements are as under :

Sr. No.	Year	Expenditure (Rs. in lakh)	Physical Achievements (in hectares)
1.	2.	3.	4.
<u>Sixth Plan</u>			
1.	1980-85	117.20	200
<u>Seventh Plan</u>			
2.	1985-86	94.42	400
3.	1986-87	104.17	400
4.	1987-88	118.44	300
5.	1988-89	132.84	400
6.	1989-90	--	250
7.	1990-91	145.29	250
Total upto 3/91		822.14 lakh	2200
Provision & Targets for 1991-92.		50.00 lakh	210
Total :		872.14	2410

The project will be completed during the year 1991-92. During the year 1991-92 an outlay of Rs. 50 lakh has been provided which will be utilised in full. However, an outlay of Rs. 28 lakh has been proposed for Annual Plan 1992-93 to clear the liabilities.

## 2. Bhabour Sahib Project Phase-II :

The project is approved for Rs. 4.26 crore to provide irrigation potential to CCA of 2640 hectare. The work was started during 1989-90. The salient features of the project are:

a) Source.	Nangal Dam Reservoir
b) CCA.	2640 hectare
c) Water to be drawn	26.28 cusecs
d) Sanctioned estimated cost.	Rs. 426 lakh
e) Expenditure upto 3/90	Rs. 61.47 lakh
f) Expenditure during 1990-91	Rs. 60.56 lakh
g) Total Expenditure ending 3/91.	Rs. 122.03 lakh
h) Budget provision 1991-92.	Rs. 127 lakh

The sanctioned cost of the project is Rs. 4.26 crores at 1982 price level, the project is likely to be completed during the Eighth Five Year Plan 1992-97. It is estimated that its completion cost will be of the order of Rs. 10.50 crore. For the Annual Plan 1991-92, an outlay of Rs. 127 lakh was approved. Against this, an outlay of Rs. 134 lakh has been proposed for the Annual Plan 1992-93 out of the proposed outlay of Rs. 768 lakh for the Eighth Plan. It is proposed to cover 250 hect. area under irrigation during the Annual Plan 1992-93. The proposed targets for the entire period of Eighth Plan is to cover 2640 hect. areas under irrigation through major and medium irrigation projects.

Besides the above projects, provisions for survey and investigation for the following schemes have also been made for the Eighth Plan and Annual Plan 1992-93 :

(Rs. in Lakh)

Name of Scheme	Approved outlay Annual Plan (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Kirpal Singh Kuhal from Neogal Khad Kangra Distt.	35.00	1.50	10.00
2. Phina Singh Project, Kangra District.	1.00	1.00	5.00
3. Sidhata Irrigation Project in Kangra District.	1.00	1.00	5.00
4. Beet lllaqua Irrigation Project in Una Disrtict.	1.00	1.50	10.00
5. Sarwari Khad Irrigation Project in Kullu District.	1.70	1.00	2.00
6. Nahan Foundry.	25.00	-	-
7. Publicity.	3.30	-	-
8. Survey & Investigation.	5.00	-	-
<b>Total :</b>	<b>73.00</b>	<b>6.00</b>	<b>32.00</b>

The total approved outlay under Major and Medium irrigation head for the Annual Plan 1991-92 is Rs. 307 lakh. Against this, an outlay of Rs. 234 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 2428 lakh proposed for the entire Eighth Plan.

**2. MINOR IRRIGATION :**

(Rs. in Lakh)

Seventh Plan actual expenditure (1985-90)	5798.95
Annual Plan actual expenditure (1990-91)	2069.83
Annual Plan approved outlay (1991-92)	3050.00
Annual Plan anticipated exp. (1991-92)	3050.00
Annual Plan proposed outlay (1992-93)	3065.00
Eighth Plan proposed outlay (1992-97)	13950.00

The minor irrigation schemes are being executed both under State Sector and U.S. Aided Hill Area Land and Water Development Project (USAID). Up to March, 1991, an area of 69295 hect, has been brought under irrigation. During the Annual Plan 1991-92, an outlay of Rs. 3050 lakh was approved for minor irrigation including USAID project. Against this, an outlay of Rs. 3065 lakh has been proposed for the Annual Plan 1992-93 out of the total proposed outlay of Rs. 13950 lakh for the Eighth Plan. The details of these financial provisions during the Seventh Plan, Eighth Plan and Annual Plans are as under :

(Rs. in Lakh)

Item	Department-wise Financial Provision			
	I & PH	USAID	RDD	TOTAL
1.	2.	3.	4.	5.
<u>Seventh Plan</u>				
1. Seventh Plan Actual Expenditure 1985-90	2516.73	3198.58	83.64	5798.95
2. Annual Plan 1990-91 Actual Expenditure.	821.52	1189.51	58.80	2069.83
3. Approved Outlay Annual Plan 1991-92	1195.00	1830.00	25.00	3050.00
4. Proposed Outlay Annual Plan 1992-93	1775.00	1250.00	40.00	3065.00
5. Proposed Outlay Eighth Plan 1992-97	12500.00	-1250.00	200.00	13950.00

**Note :** The expenditure/outlay provision for USAID project in respect of Agriculture, Horticulture and Forest Departments are contained in the respective sectoral sectors.

The details of the physical achievements and targets for the Seventh Plan, Annual Plan 1990-91, 1991-92 and Eighth Plan are as under :

Item	(in hectare)							
	Department-wise Physical Achievements & Targets							
	I & PH	USAID		RDD	Agriculture		TOTAL	
CCA	CCA	CD	CCA	CCA	CD	CCA	CD	
1.	2.	3.	4.	5.	6.	7.	8.	9.
1. Actual Achievement								
Seventh Plan 1985-90	3686.00	6885.79	8761.14	1853.71	1241.84	1241.84	13686.54	18002.18
2. Actual Achievement, Annual Plan 1990-91	250	2101	5386	1595	1090	1090	5036	6476
3. Targets for Annual Plan 1991-92	300	2500	6000	250	1750	1750	4800	7750
4. Proposed Targets for Annual Plan 1992-93	2800	2500	6000	250	1750	1750	7300	7750
5. Proposed Targets for Eighth Plan 1992-97	20000	2500	6000	250	1750	1750	24500	7750

### 3. COMMAND AREA DEVELOPMENT :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	121.47
Annual Plan actual expenditure	(1990-91)	42.56
Annual Plan approved outlay	(1991-92)	46.00
Annual Plan anticipated exp.	(1991-92)	46.00
Annual Plan proposed outlay	(1992-93)	50.00
Eighth Plan proposed outlay	(1992-97)	250.00

The State Government is conscious to reduce the gap between the irrigation potential created and utilisation in the irrigation sector, so as to supply adequate water to the farmers for raising crops with a view to increase their agricultural production and cropping intensity through assured supply of water. This work is already included as chak development in the schemes being executed under USAID programme. In the other schemes, command area development is being taken up only in the medium irrigation projects which are complete. For the Annual Plan 1991-92, Rs. 46 lakh was approved under this head. Against this, an outlay of Rs. 50 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 250 lakh proposed for the Eighth Plan period as a State Share. The equal share of funds will be provided by the Government of India for the implementation of different schemes of Command Area Development during the Eighth Plan and Annual Plan 1992-93.

The Government of India, has already sanctioned the following three projects under the Command Area Development

Sr. No.	Name of Project	Sanctioned Cost (Rs. in lakh)	Date of approval	Expenditure up to 3/91 (Rs. in lakh)	CCA' covered up to 3/91 (hect.)	Achievement up to 3/91 (FC/WR)
1.	2.	3.	4.	5.	6.	7.
1.	Giri Irri. Project.	377.00	15.1.84	287.65	6761	5401/2941
2.	Balh Valley Project.	154.28	15.1.86	83.41	2410	1550/700
3.	Bhabour Sahib Phase-I.	54.76	28.3.88	15.49	923.405	---

#### PHYSICAL TARGETS

The details of physical targets under Command Area Development for the year 1991-92 and Eighth Five Year Plan and Annual Plan 1992-93 are as under :



Item	Unit	Annual Plan 1991-92		Proposed Targets	
		Approved Target	Anticipated Achievement	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.	6.
1. Field Channel	Hect.	1300	1300	1250	2938
2. Warabandi	Hect.	1300	1300	2050	6473

The project-wise details are as under :

a) GIRI IRRIGATION PROJECT :

The project was sanctioned on 15/1/84 for Rs. 377 lakh. The targets set for various activities under this project are as under :

Item	Area (Hect.)	Rate per hect. (Rs)	Amount (Rs. in lakh)
1.	2.	3.	4.
1. Field Channel	6761	2500	169
2. Land Levelling	1500	4000	60
3. Field Drains	1500	600	9
4. Warabandi	6761	300	20
5. Crop Demonstration	--	--	70
6. Provision on Estt. @ 150/-	--	--	49
<b>Total :</b>			<b>377</b>

The work on this project was started in January, 1984. Since then 2941 hectare area has been covered under Warabandi and 5401 hectare under Field channels upto 31st March, 1991. For the Annual Plan 1991-92, an outlay of Rs. 16 lakh was approved. Against this, Rs. 15 lakh has been proposed for the Annual Plan 1992-93 out of the Rs. 50 lakh proposed for the Eighth Plan period. During the year 1991-92, 400 hectare area under Field channel and 500 hect. area under Warabandi will be covered under this project. For the Annual Plan 1992-93, 500 hect. under Field Channel and 1000 hect. under Warabandi and for the Eighth Plan 960 hect. area under Field Channel and 3320 hect. area under Warabandi has been proposed.

b) BALH VALLEY PROJECT :

This project was approved in Jan. 1986 for Rs. 154.20 lakh. The targets set for various activities under this project are as follows :

Item	Area (Hect.)	Rate per hect. (Rs)	Amount (Rs. in lakh)
1.	2.	3.	4.
1. Field Channel	2410	3770	81.22
2. Land Levelling	2410	1436	34.61
3. Field Drains	1205	1600	7.23
4. Warabandi	2410	250	6.02
5. Crop Demonstration	--	--	13.00
6. Provision on Estt.	--	--	12.12
<b>Total :</b>			<b>154.20</b>

Upto the end of Annual Plan 1990-91, 1350 hect. area has been covered under field channels and 700 hect. under Warabandi. The approved outlay under this project for the Annual Plan 1991-92 was Rs. 12 lakh. Against this, Rs. 15 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 40 lakh proposed for the Eighth Plan. During the year 1991-92, a target of 700 hect. area under Field Channels and 700 hect. area under Warabandi has been fixed. For the Annual Plan 1992-93, a target of 300 hect. area under Field Channels and 500 hect. area under Warabandi and for the Eighth Plan 360 hect. area under Field Channels and 1010 hect. area under Warabandi has been proposed under this project.

c) BHABOUR SAHIB PROJECT PHASE - I :

This project was approved for Rs. 54.76 lakh on 28.3.88. The following targets are fixed under various activities of the project :

Item	Area (Hect.)	Rate per hect. (Rs)	Amount (Rs. in lakh)
1.	2.	3.	4.
1. Field Channel	923	2500	23.08
2. Land Levelling	350	4000	14.00
3. Field Drains	462	600	7.83
4. Crop Demonstration	--	--	2.51
5. Provision on Estt.	--	--	7.34
<b>Total :</b>			<b>54.76</b>

Up to 31st March, 1991, 205 hect. area under Field Channels was covered. For the Annual Plan 1991-92, an outlay of Rs. 8 lakh was approved for this project. Against this, Rs. 10 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 40 lakh proposed for the Eighth Plan period. During the year 1991-92, 200 hect. area under Field Channels and 100 hect. area under Warabandi will be covered. For the Annual Plan 1992-93, 200 hect. area under Field Channels and 300 hect. area under Warabandi and for the

Eighth Plan, 318 hect. area under Field Channels and 823 hect. area under Warabandi has been proposed under this project.

d) BHABOUR SAHIB PROJECT PHASE - II :

The construction work at Bhabour Sahib Phase-II is in progress and is likely to be completed during the Eighth Plan. During the Annual Plan 1991-92, Rs. 0.90 lakh was approved to prepare the estimates etc. For the Annual Plan 1992-93, an outlay of Rs. 1.lakh has been proposed out of Rs. 70 lakh for the Eighth Plan period. During the Eighth Plan, 1320 hect. area under Field Channels and 1320 hect. under Warabandi and during the Annual Plan 1992-93, 250 hect. area under Field Channels and 250 hect. under Warabandi has been proposed under this project.

4. FLOOD CONTROL :

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	307.61
Annual Plan actual expenditure (1990-91)	78.83
Annual Plan approved outlay (1991-92)	100.00
Annual Plan anticipated exp. (1991-92)	100.00
Annual Plan proposed outlay (1992-93)	115.00
Eighth Plan proposed outlay (1992-97)	775.00

The entire region off Himachal Pradesh forms catchment of rivers Yamuna, Sutlej, Beas, Ravi and Chenab which flow from this territory to plains and carry a very heavy load of silt. The path that these rivers and their tributaries traverse is having steep slopes causing thereby high velocity and erode much of the cultivable lands. The population also gets effected, houses and agriculture lands, often gets sub-merged or gets washed-off. The losses due to flood include :

1. Human lives lost.
2. Cattle heads lost.
3. Crops damaged.
4. Agriculture land damaged due to spread of Sand in the innudated areas.
5. Damage of flood protection work.
6. Damage to public utilities such as roads, bridges, water supply schemes, electricity and telephone line etc. etc.

Flood protection works in the shape of channelisation of these rivers and their tributeries by construction of embankments spurs etc. at places which are prone to Floods is essential for the helpless residents who are affected over years due to flood havoc.

The total geographical areas of the State is 55.70 lakh hecets. and net culturable area is 5.76 lakh hecets. According to a rough estimate about 2.31 lakh hecets. area in the State is subjected to yearly flood havoc. There is an immediate need for providing flood protection works for the habitation and

culturable land, which is situated in most affected flood prone areas along Giri river, Bata river, Suketi Khad, Swan Khad, Sirsa Nadi and Chakki Khad. The approximate cost of the project is likely to be as under :

(Rs. in Crore)

Sr. No.	Name of Project	Approximate cost of works to be done by IPH
1.	2.	3.
1.	Seer Khad project, Hamirpur District.	2
2.	Chakki river project, Kangra District.	3
3.	Sirsa Nadi project, Solan District.	5
4.	Suketi Khad project, Mandi District.	5
5.	Integrated Giri & Bata rivers projects in Sirmour District.	1
6.	Swan Khad project in Una District.	350
Total :		366

Seventh Five Year Plan Achievements :

Due to meagre resources of the State, it is not possible to take up flood protection works in massive scale. During the Seventh Plan (1985-90), Rs. 307.61 lakh was spent for this purpose. With this expenditure an area of 893 hectares was protected. An expenditure of Rs. 78.83 lakh was incurred under this head during the year 1990-91 and an area of 242 hectares was protected. During the year 1991-92, an amount of Rs. 100 lakh has been provided and with this investment an area of 250 hectares will be protected.

Eighth Five Year Plan (1992-97) & Annual Plan (1992-93) :

Under this head an outlay of Rs. 775 lakh for the Eighth Plan and an outlay of Rs. 115 lakh for the Annual Plan (1992-93) has been proposed. With this investment it is proposed to protect an additional area of 2500 hectares during the Eighth Plan and 500 hectares during the Annual Plan 1992-93.

## V. ENERGY

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	35175.76
Annual Plan actual expenditure	(1990-91)	6811.58
Annual Plan approved outlay	(1991-92)	7700.00
Annual Plan anticipated exp.	(1991-92)	7700.00
Annual Plan proposed outlay	(1992-93)	10344.00
Eighth plan proposed outlay	(1992-97)	60940.00

The energy sector comprises power, bio-gas, development and non conventional and new and renewable sources of Energy sub heads. The brief description of the schemes under these sub heads have been given in the following programmes :

### 1 POWER :

Himachal Pradesh has a vast hydel Potential and through preliminary hydrological, topographical and geological investigations, it has been estimated that 12,700 MW of hydel power can be generated in the State by constructing various major, medium, small and mini/micro hydel projects on five river basins. In addition, a large number of unidentified areas have still been left in the river basins which can contribute substantially to the power potential of Himachal Pradesh by way of mini-micro, medium and even large projects. Also in view of the rising cost of thermal and nuclear generation, many identified projects which have been excluded from the above mentioned hydel potential on account of non-suitability due to high cost of generation, will also become viable in future. On these two considerations a conservative estimation of the total Potential in Himachal Pradesh could well be put up at 20,000 MW or even more. Of the total hydel potential only 3363.20 MW has been harnessed so far, out of which only 272.07 MW is under the control of Himachal Pradesh as bulk of the potential has been exploited by the Central Government and other Agencies. The huge hydel potential of the State can play a major role in power development programmes in the northern region and will provide economic base for the overall development of Himachal Pradesh.

Hydel Power Generation in Himachal Pradesh deserves priority not only to meet the increasing power demand within the State but also to bridge the gap in demand-supply in the northern-region as a whole. In view of all the factors the Government of Himachal Pradesh has accorded top priority to hydel power generation in the State. A phased programme has been chalked out to take up various major, medium, small and mini/micro hydel projects in the State during Seventh Plan and Eighth Five Year Plan. There is emergent need to take-up some new projects during the Eighth Plan otherwise there would be huge power shortages.

To match the increasing activities on construction of hydel projects, there is an immediate need to lay emphasis on adequate transportation and distribution net work in order to evacuate power from these projects and its distribution for power utilisation within the State. Keeping this in view various transmission and distribution schemes have been prepared and some of these have already been taken-up. Special T&D schemes are proposed to be taken-up to meet the power requirement of various industrial complexes being set-up in the State.

Another scheme of power development in State is rural electrification in which State had made remarkable achievements. In spite of the fact that, Himachal Pradesh was a late starter in the field of Rural Electrification and because of very difficult and mountaineous terrain, it is a matter of satisfaction that all the inhabited villages of the State numbering 16807 were electrified by the end of June, 1988. In Himachal Pradesh where 93% of population lives in villages, rural electrification has significant role to play not only to provide lighting but also to encourage cottage industries in rural areas. However, more emphasis is required to be given to strengthen the distribution system in order to achieve the targets in full in rural electrification.

Survey and investigation of hydel projects is essential to tap the vast hydel potential of the State. This activity could not be geared-up to the desired extent due to very meagre funds available for the purpose. Efforts are being made to get maximum funds under central assistance. The assistance, at present being received is very small as compared to the requirement of funds for the purpose.

The major impediment in the process of exploitation of hydel potential has been non-availability of adequate funds for execution of hydel projects within the limited financial resources of the State. In order to overcome this difficulty, the following three methods have been proposed for arranging funds for execution of the various large, medium, small and mini/micro hydel projects.

- i) Large projects may be executed in joint collaboration with the Centre Government and with State Government.
- ii) Raising loans from financial institutions within and outside the country.
- iii) To take-up projects on turnkey-basis on the deferred terms of payments by the foreign agencies under bilateral agreements.

During the Seventh Plan an outlay of Rs 260.11 crore was approved under head Power. The actual expenditure during the Seventh Plan was of the order of Rs. 347.48 Crore. With this investement installed capacity of 130.50 MW was generated, 166.135 KMs length of 220 KV and above laid and 361 pumpset energised. The actual expenditure incurred under this head during the year 1990-91 was of the order of Rs. 67.22 crore and against this, an

amount of Rs. 76 crore has been provided for the year 1991-92 which will be utilised in full. The excess expenditure under this head was incurred by raising resources outside the plan, through IDBI and Co-operative Banks.

1. The objectives adopted for power sector during Eighth plan are as under :-
  - i) Expeditious completion of the on going projects by ensuring full funding;
  - ii) Initiating work on new starts so as to ensure capacity additions in the course of the Ninth Plan;
  - iii) Ensuring full funding for the joint ventures of Nathpa Jhakri and Koldam projects so as to adhere to the existing schedules;
  - iv) Considerable strengthening of the T & D system so as to ensure appropriate load despatches and to cut down on the line losses in a phased manner;
  - v) Embank upon intensive electrification of rural areas and ensure universal coverage of rural house-holds by the end of the Eighth Plan;
  - vi) Step up the work on survey and investigation so as to have a shelf of fully investigated projects ready for execution in the subsequent plans;
  - vii) To involve Private Sector for the construction of power projects.
  - viii) To provide for renovation and modernisation of existing power houses for additional generation benefits.

To achieve the above objectives an outlay of Rs. 102.18 crore has been proposed for the Annual Plan 1992-93 out of Rs. 601.17 crore proposed for the Eighth Plan period.

The schematic details are as under :

#### **A. GENERATION**

An outlay of Rs. 15423.00 Lakh was approved for the Seventh Plan against which actual expenditure has been of the order of Rs. 19511.08 lakh. An outlay of Rs. 5505 lakh has been approved for the Annual Plan 1991-92. Against this, an outlay of Rs. 6930 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 41600 lakh proposed for the Eighth Plan period. In addition to this, funds are also being arranged from Power Finance Corporation, New Delhi for ongoing Gaj and Baner Projects. It is proposed to generate 6390 MKWH of electricity during the Eighth Plan period out of which 1156 MKWH is proposed to be generated during Annual Plan 1992-93.

## **ON-GOING PROJECTS**

### **(i) HPSEB SCHEMES :**

#### **1. Thirot Hydrel Project (4.5 MW) :**

The project with an installed capacity of 4.5 MW is located in the tribal valley of Lahaul in district Lahaul & Spiti. The latest estimated cost of this project is Rs. 26 crore. An expenditure amounting Rs. 18.90 crore so far has been incurred on this Project. The power generated from this project shall be utilised in the remote tribal areas of Lahaul and Pangi and the surplus power whenever available shall be utilised in Manali area of Kullu District.

The project was earlier included for commissioning during the 7th plan, but due to non-availability of adequate funds during the previous years, the completion schedule had to be postponed. The project is now scheduled for commissioning during October 1993. For the Annual Plan 1991-92 an outlay of Rs. 385 lakh has been approved for this project. Against this, Rs. 300 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 325 lakh proposed for the Eighth Plan period.

#### **2. Baner Hydrel Project (12 MW) :**

The project was sanctioned during the year 1981 for an installed capacity of 6 MW which has subsequently been raised to 12 MW. The latest estimated cost of the project is Rs. 35.02 crores. The work on the project could not be taken up in the right earnest in the previous years due to paucity of funds and the progress has been hampered because of the uncertainty about the availability of funds. The project is now scheduled for completion in June, 1993.

An outlay of Rs. 1300 lakh has been approved for this project during the Annual Plan 1991-92. Out of this Rs. 1100 lakh is the loan assistance from M/s PFC, 200 lakh in State Plan Component. Against this, Rs. 900 lakh has been proposed for Annual Plan 1992-93. Out of this, Rs. 600 lakh proposed to be arranged from M/s PFC including Rs. 300 is State Plan Component. The total proposed outlay for Eighth Plan is Rs. 1100 lakh. Out of this 760 lakh is proposed to be arranged from M/s PFC and Rs. 340 lakh is State Plan component.

#### **3. Gaj Hydrel Project (10.5 MW) :**

The project was sanctioned during the year 1982. The latest revised estimated cost of the project is Rs. 33.25 crores. The work on this project could not be taken up in the right earnest during the previous years due to inadequate provision of funds in the plans. An outlay of Rs. 900 lakh has been approved for this project for Annual Plan 1991-92. Out of this Rs. 300 lakh is State Component and Rs. 600 lakh is the loan assistance from M/s PFC. Against this, Rs. 645 lakh has been proposed for the Annual Plan 1992-93. Out of this Rs. 500 lakh is proposed to be arranged by M/s PFC and Rs. 145 lakh is proposed as State Plan Component.



For the Eighth Plan Rs. 770 lakh has been proposed out of which Rs. 200 is State Plan Component and Rs. 570 lakh are proposed to be M/s PFC. The work of the project is in full swing and is likely to be completed by March, 1993.

#### 4. Bhaba Augmentation Scheme (3MW):

Bhaba Augmentation scheme with an estimated cost of Rs. 9.64 crore was approved by the Planning Commission in June, 1987. However the latest revised estimated cost is Rs. 16.33 crores. The scheme will afford an additional generation of 54 MW annually from the Bhaba Power House and will enhance the firm power by 3 MW. The construction work on this project could not be geared-up due to the uncertainty about the funding. The work has now been awarded and scheme is Scheduled for Commissioning during Nov. 1993. An outlay of Rs. 35 lakh was approved for this project during the Annual Plan 1991-92. Against this, an outlay of Rs. 300 lakh has been proposed for the Annual Plan 1992-93, out of Rs. 650 lakh proposed for the Eighth Plan 1992-97.

#### 5. Killar Hydrel Project (300 KW) :

This project was sanctioned by the HPSEB for Rs. 1.73 crore. It is being executed under State Plan upto March, 1991. An amount of Rs. 82 lakh has been spent on this project. For the Annual Plan 1991-92 an outlay of Rs. 60 lakh was approved. Against this, Rs. 85 lakh has been proposed for the Annual Plan 1992-93 and for the Eighth Plan for this project. The project is scheduled to be commissioned during March, 1993.

#### 6. Larji Hydrel Project (126 MW) :

The project with an installed capacity of 126 MW is to be constructed on the river Beas in Mandi district. The revised estimated cost of this project is Rs. 355 crore. An outlay of Rs. 500 lakh was approved for the Annual Plan 1991-92 for this project. Against this, Rs. 800 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 10,000 lakh for the Eighth Plan period. The project is scheduled for commissioning during 31st March, 1999.

#### (ii) NJPC SCHEMES :

##### 1. Nathpa Jhakri Project (1500 MW) :

Nathpa Jhakri Hydro-electric project with an installed capacity of 1500MW is to be executed jointly by the State and Central Governments, through the Nathpa Jhakri Power Corporation. This Corporation has been constituted under the Companies Act. According to the Memorandum and Articles of Association approved by the Govt. of India for this Corporation, the debt equity ratio would be 1:1 World Bank Loan amounting to 437 million dollars has been sanctioned for this project for the generation component. This loan will directly come to the Nathpa Jhakri Power Corporation and the sources for the equity portion shall be funded by the Central and State Govts. The estimated cost of the project is Rs. 1678 crore (Generation Component

including the interest during construction). The financing plan of this project in terms of percentage cost is as under :-

<u>Sources of Funds</u>	<u>Percentage</u>
1. Bank loan lent to Nathpa Jhakri Power Corporation.	17%
2. Govt. of India Loan	33%
3. Govt. of India Equity	37%
4. Govt of H.P. Equity	13%

## 2. Kol Dam Project (800 MW) :

Kol Dam Project with an installed capacity of 800 MW is also proposed to be executed by the Nathpa Jhakri Corporation in joint sector on the similar terms and conditions as agreed for Nathpa Jhakri Project. The estimated cost of the project is Rs. 1050 crore. The project has been included in the protocol signed between the Government of India and Government of Soviet Union for providing financial and technical assistance.

In view of the above, the State Govt. has to provide its share of investment for the execution of the project. Upto the end of seventh plan the State Govt. has incurred an expenditure of Rs. 1464.75 lakh. During the year 1990-91 Rs. 3344.63 lakh was spent under this project. For the Annual Plan 1991-92 Rs. 4000 lakh were approved for these projects. Against this, Rs. 5000 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 30,000 lakh for Eighth Plan period for the implementation of these project.

## B. TRANSMISSION AND DISTRIBUTION :

The need for the strengthening the transmission and distribution system in the State, is being felt for the last few years in order to ensure un-interrupted power supply in the State and for evacuation of power from new projects as also to receive our share of power from various inter-state and central projects. However, because of paucity of funds, transmission and distribution schemes could not be completed and work on new schemes could not be started. The World Bank has now approved a loan amounting to 43 Million Dollars for strengthening the transmission and distribution system in the State. However, in case of these works, which are only 132 KV voltage level, part investment of civil and other infrastructural works will have to be done by the HPSEB for which corresponding provision is to be made in the State Plan. In addition to this, funds would also be required to complete various on-going schemes and takeup new schemes during the 8th Plan period.

On 66 KV and above, the requirement of funds is for completion of various on-going schemes for funding our portion of the transmission schemes posed to the World Bank and for new transmission schemes to be taken-up in the Eighth Plan. In addition to above schemes, provisions have also been made for system improvement schemes for 33 KV and below.

The details of the various schemes in progress and likely to be undertaken during Eighth Plan period are as under :

(Rs. in Lakh)

Name of Scheme	Approved Outlays Annual Plan (1991-92)	Proposed Outlays	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
<b>A. 66 KV &amp; above Transmission Lines and Sub Stations :</b>			
i) World Bank Aided Schemes.	760.00	1568.00	9008.00
ii) State Plan Schemes.	200.00	300.00	1000.00
		+229 (PFC)	+229 (PFC)
<b>Sub Total :</b>	<b>960.00</b>	<b>1868.00</b>	<b>10008.00</b>
		+229 (PFC)	+229 (PFC)
<b>B. 33 KW and below Transmissions including system improvement Schemes.</b>			
	250.00	360.00	1960.00
	+65 (PFC)	+150 (PFC)	+383 (PFC)
<b>C. Shunt Capacitors.</b>			
		40.00	40.00
	+117 (PFC)	+120 (PFC)	+120 (PFC)
<b>Total Transmission and Distribution :</b>	<b>1210.00</b>	<b>2268.00</b>	<b>12008.00</b>
	+182 (PFC)	+499 (PFC)	+732 (PFC)

For the Annual Plan 1991-92, Rs. 1210 lakh was approved for Transmission and Distribution system. In addition to this, Rs. 182 lakh are proposed to be arranged from Power Finance Corporation. For the Annual Plan 1992-93, Rs. 2268 lakhs are proposed under State Plan and Rs. 499 lakh are proposed to be arranged from P.F.C. For the Eighth Plan Rs. 12008 lakh has been proposed and Rs. 732 lakh will be arranged from P.F.C.

### C. RURAL ELECTRIFICATION :

Although 100% rural electrification has been achieved in the State, a lot of work is required to be done in this field. There are a large number of left-out hamlets in the State which are to be provided electricity. Moreover, in order to strengthen and consolidate the work of electrification, various intensive electrification schemes have been prepared which are required to be implemented so that actual benefits of electricity reach to the people living in the remote and tribal areas of the State. In order to carry out these works of rural electrification, a provision of Rs. 825 lakh was approved for the Annual Plan 1991-

92. Against this, Rs. 910 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 5550 lakh proposed for the Eighth Plan period.

#### D. RENOVATION & MODERNISATION OF POWER HOUSES :

H.P. State Electricity Board has identified 4 Power Houses where generation can be improved by carrying out renovation and modernisation. These are as under :

			<u>Estimated Cost</u>
1.	Giri Power House	(60 M W)	Rs. 985 Lakh
2.	Rukti Power House	(1.5 M W)	Rs. 76 Lakh
3.	Nogli Power House	(2.5 M W)	Rs. 127 Lakh
4.	Bassi Power House	(60 M W)	Rs. 800 Lakh
Total :			Rs. 1988 Lakh

An outlay of Rs. 10.00 lakh was approved under this scheme for the Annual Plan 1991-92. Against this, an outlay of Rs. 40 lakh has been proposed for Annual Plan 1992-93 out of Rs. 609 lakh proposed for Eighth Plan periods. Besides this, during the Annual Plan 1991-92, funds to the extent of Rs. 200 lakh will be arranged from the Power Finance Corporation. Against this, Rs. 325 lakh during the Annual Plan 1992-93 and Rs. 425 lakh will be arranged during the entire period of Eighth Plan.

#### E. SURVEY AND INVESTIGATION :

In order to exploit the vast Hydel potential available in the State, various potential sites have been identified. It is very necessary to carry out survey and investigation of these sites for the formulation of projects and to maintain a ready shelf of investigated schemes for being taken-up for execution in a phased manner. Unfortunately very meagre funds were available for this purpose during the previous years and there has been very slow pace of progress in investigation of new projects.

Therefore, in order to gear-up the process of investigation, an outlay of Rs. 40 lakh has been approved for the Annual Plan 1991-92. Against this, an outlay of Rs. 50 lakh has been proposed for Annual Plan 1992-93 out of Rs. 250 lakh for the Eighth Plan period for the purpose.

#### F. BOARD'S BUILDINGS :

H.P. State Electricity Board is facing great difficulty in absence of its own buildings both of residential and non-residential type. This problem has aggravated in view of the increased activities of the Board. To meet the ever increasing demand of buildings an outlay of Rs. 10 lakh has been approved for the Annual Plan 1991-92 which will be utilised in full. Against this, Rs. 20 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 100 lakh for the Eighth Plan period.

## 2. BIO-GAS DEVELOPMENT :

According to 1981 census, there are 7,06,201 rural households in Himachal Pradesh. The potential areas where Bio-Gas plants can be set up have been identified. In order to have a perspective plan of Bio-Gas development, we have to realise that this technology is not economic and relevant in very high altitudes. If such areas are excluded, the total households left are 5,57,356. According to the integrated sample survey for estimation of animal production in Himachal Pradesh for 1977-78 conducted by the Animal Husbandry Department, the percentage of bovine heads of different mo. sizes is given as under:

**Percentage of Households by Ownership of Bovine Heads of  
Different Sizes in Himachal Pradesh**

Size Class (Nos.)	Percentage
1-5	55.51
6-10	37.72
11-15	5.56
16-20	0.74
21-25	0.19
26 and above	0.28
Total :	100.00

It would be seen that the households having bovine heads above six animals constitute 44.49 percent. By applying these percentages to the total rural households viz. 5,57,356, the potential of establishing Bio-Gas plants comes to 2,47,967 units or say about 2.50 lakh units.

In Himachal Pradesh, the setting up of Bio-Gas plants is of recent origin. The tempo gained momentum from 1962-63 onwards. The subsidy for setting-up of Bio-Gas units is 80 percent of the total cost to scheduled castes/scheduled tribes and small farmers and marginal farmers. The rest of households are given 60 percent subsidy.

The Bio-Gas development programme is being considerably augmented by the resources from the Central Government.

During the Seventh Five Year Plan (1985-90) an expenditure of Rs. 391.15 lakh was incurred for the development of biogas. The actual expenditure incurred during the year 1990-91 was of the order of Rs. 85 lakh and against this again an amount of Rs. 85 lakh has been provided for the year 1991-92. For the Annual Plan 1992-93 an outlay of Rs. 90 lakh and for the entire Eighth Plan an outlay of Rs. 600 lakh has been proposed for the biogas development.

**PHYSICAL TARGETS AND ACHIEVEMENTS**

The physical achievements under biogas development programme during the Seventh Five Year Plan (1985-90); Annual Plans 1990-91 and target for 1991-92 and the proposed target for the Eighth Plan (1992-97) and Annual Plan (1992-93) are as under :

Programme	Seventh Plan Actual Achievements (1985-90)	Annual Plan (1990-91) Achievements	Annual Plan (1991-92) Targets	Proposed Target Annual Plan 1992-93	Target Eighth Plan 1992-97
1.	2.	3.	4.	5.	6.
Bio-Gas Development (Nos)	15,882	3,651	3,500	3,550	18,000

**3. DEVELOPMENT OF NON-CONVENTIONAL & NEW AND RENEWABLE SOURCES OF ENERGY :**

With the growth in the economy, the demand for energy increases tremendously due to rapid industrialisation, better standard of living and increased infrastructural net work. As the conventional source of energy are limited, there is a prompt need to invest in energy sharing technologies explore the new and alternative sources of energy, encourage the use of proven technologies such as solar water heating system, wind energy and efficient energy devices. During the Seventh Five Year Plan, Rs. 37 lakh was spent under this head for the implementation of different schemes. The actual expenditure incurred during the year 1990-91 was of the order of Rs. 5 lakh and against this, Rs. 15 lakh has been provided under this head for the year 1991-92. For the Annual Plan-1992-93 an outlay of Rs. 36 lakh and for the Eighth Plan Rs. 223 lakh has been proposed under this head of development.

The following field of Non Conventional Energy Sources will be taken care of by HIMURJA :

**a) SOLAR ENERGY :**

Solar Energy utilisation form an important part of new and renewable sources of energy. Various devices adopted both through thermal route and the photovoltaic route will be encouraged in Eighth Plan period.

Various solar thermal devices like solar cookers, solar stills, solar water heating system etc., are increasingly becoming popular and will be encouraged in the Eighth Plan also.

Simple hot water system using flat plate collectors and associated instruments have been efficiently employed for providing hot water in the institutions/hospitals/PHC/Households at a temperature of 60-80 degree C. So far 41,800 LPD solar

Water heating systems have been installed. It was disclosed in the meeting that systems of 2,00,000 LPD capacity will be installed during Eighth Plan.

The Working Group reviewed the present position and proposed the targets for Eighth Plan.

418 domestic systems of 100 Litres per day have been installed at subsidised rates. During Eighth Plan period 2000 such systems will be sold to individual Households.

Two solar timber kilns of 7.1 cub meter each have been installed at Shamshi in Kullu District and Baijnath in Kangra District.

47+60 stand alone photovoltaic systems have been installed in different hamlets/villages for providing street lights. Three community lights (eight points) have also been installed in Bharmaur/Theog and Kaze. 500 Stand along PV systems will be installed during Eighth Plan.

6000 Solar cookers have been distributed on subsidy. 30 Community solar cookers have also been distributed to hostels/institutions. Fixed type solar cookers are also being propagated. During Eighth Plan about 25000 solar cookers will be sold.

Feasibility of using solar energy for tea drying in Kangra district is also being assessed. During the year 1990-91, Rs. 5 lakh was spent under this scheme and against this Rs. 10 lakh has been approved for the year 1991-92. For the Annual Plan 1992-93, an outlay of Rs. 30 lakh and for the entire Eighth Plan periods an outlay of Rs. 100 lakh has been proposed for the implementation of this scheme.

#### b) WIND ENERGY :

Two numbers 25 Kws stand alone wind generators have been installed. Two 1 KW aerogenerators have also been installed, apart from 6 wind pumps for lifting water for drinking and irrigation purposes. 30 sites have been identified for wind mapping project. 24 Nos. from 1 KW to 100 KW aerogenerators are proposed to be installed. Besides, wind Energy is also proposed to be utilised for lifting of water. During the Seventh Plan, Rs. 9 lakh was spent under this programme. For the Annual Plan 1992-93, an outlay of Rs. 1 lakh and for the entire Eighth Plan, an outlay of Rs. 5 lakh has been proposed under this programme.

#### c) PHOTOVOLTAIC :

Nine solar photovoltaic pumps for irrigation purpose and two solar TV have also been installed for community use. The concept of solar passive heating of house hold is being popularise in tribal areas of the Pradesh where a part from traditional cooking needs, the heating needs are more critical. During the Eighth Plan more stress will be given to passive heating using the local material.

During the Seventh Five Year Plan, Rs. 28 lakh was spent under this scheme. An amount of Rs. 5 lakh has been provided under this scheme for the year 1991-92. For the Annual Plan 1992-93, an outlay of Rs. 5 lakh and for the entire periods of Eighth Plan an outlay of Rs. 30 lakh has been proposed.

**d) ENERGY CONSERVATION :**

The State Government has been appreciating the efforts of HIMURJA which it attaches towards energy conservation in different sectors of the economy. It is proposed that items like improved bukharies, portable chullahs in the tribal areas will be encouraged. Improved crematorium which results in 40-50% saving of fuel besides reduction in body consumption time will also be encouraged in the Eighth Plan period.

It is proposed that during Eighth Plan period all the rural Households will be equipped with improved chullahs. The concept of improved bukharies will also be popularised in all the offices to save the coal consumption.



## VI. INDUSTRIES AND MINERALS :

(Rs: in Lakh)

Seventh Plan actual expenditure (1985-90)	4243.31
Annual Plan actual expenditure (1990-91)	1106.61
Annual Plan approved outlay (1991-92)	1204.00
Annual Plan anticipated exp. (1991-92)	1204.00
Annual Plan proposed outlay (1992-93)	1515.00
Eighth Plan proposed outlay (1992-97)	12569.00

Himachal Pradesh is endowed with bountiful resources of water/hydro-power, mineral, forests and cool and dust free climate. All these factors provide favourable condition for setting-up agro based, forest based, food processing, beverages and electronic industries in the Pradesh.

Ever since the Planning era in the Country great progress has been made in the economic development of the State. In the earlier years the emphasis was laid on the development of infrastructure like communication link roads, bridges as well as on the development of Agriculture & Horticulture. Simultaneously, steps were taken to develop the secondary and tertiary sectors of economy so that new and alternate outlets of employment are generated for the people especially the educated-unemployed youth. Initial start was made in this direction by the development and modernisation of the traditional cottage and handicrafts industries. This prepared the base for the development of entrepreneurship of subsequent industrial development in the State.

The whole of Himachal Pradesh has been declared industrially backward. The rate of capital investment subsidy has been raised from 15% to 25% with maximum amount of Rs 25 lakh. For electronic industries, the maximum limit of capital subsidy is Rs. 50 lakh at the rate of 25 percent on the carriage of raw materials from nearest broad gauge rail head to the project site and for transportation of end products to nearest rail head 75% transport subsidy is now admissible to the industrial units.

### Review of Seventh Five Year Plan

Industrialisation as a means to economic development has acquired a greater relevance in the context of Himachal Pradesh over the last decade and a half. The State Plan support for Industrial development has steadily grown from 1.71% in the First Plan (1951-56) to 3.13% in the Seventh Plan. Though the plan allocations have risen gradually the State can take pride in the progress made through the establishment of approximately 130 medium & large scale projects covering a wide spectrum of industries involving a total investment of Rs. 350 crore approx. and providing direct employment opportunities to over 15,500 persons. In addition to this approx. 20,000 small scale industrial units have so far been established in the State with

an investment of Rs. 250 crore approx. generating direct employment opportunities for another 75,000 persons. The goods and services produced by industries range from artisanary products to cement, steel, automobile, ancillaries, castings, forgings, processed foods, leather goods, milk products, watches and watch components, electronic items, chemicals, pharmaceuticals and drugs, mineral based products and precision engineering goods etc. The contribution of this sector to the gross domestic product of the State has, over the years, risen from a near zero level to the present day level of nearly 10% and is poised for a further growth.

In order to provide infrastructural facilities to the entrepreneurs, the Industrial areas have been established at Parwanoo, Electronic Complex Chambaghat, Barotiwala, Baddi, Bilaspur, Reckong-Peo, Chamba, Shamshi, Mandi, Hamirpur, Paonta-Sahib, Nagrota-Bagwan, Sansarpur terrace, Shogi, Mehatpur and Tahliwala. In these Industrial areas 1241 plots and 133 sheds have been developed/constructed. Besides, Industrial Estates at Solan, Dharampur, Kangra, Dehragopipur and Jawali have been established wherein 55 sheds have been constructed. Industrial Estates/Areas at Keylong, Amb, Nagri, Dakolar, Raighat, Pandranu Dhaliara, Chirgaon and Rachhiana are under development.

During the Seventh Plan, Rs. 42.43 crore were spent on various schemes of industries under this head. The actual expenditure incurred under this head during the year 1990-91 was of the order of Rs. 11.07 crore and against this Rs. 12.04 crore has been provided during the year 1991-92.

### New Industrial Policy

The State Government with a view to cater to the changing needs of the time and to pace-up the process of industrialisation, has announced its new Industrial Policy alongwith revised package of incentives of industries. The Industrial Policy is aimed at a rapid, balanced and simultaneous growth of cottage, tiny, small, medium and large industries and service establishments in a well dispersed manner. Keeping in view the geographical, topographical, demographic and other production factors, the Agro-Horticulture produce based industries, Herbal resources based industries, Wool based industries, Sericulture and Electronics industries have been declared as Priority industries under the new Industrial Policy. Land at the concessional rates as low as Rs. 20/- per square metre, complete sales tax holiday for a period of 10 years, investment subsidy to the units with an investment of Rs. 5 lakh and interest subsidy for 1% has been provided to the priority Industries. Similarly, an attractive package of incentives has been devised for women, ex-servicemen, scheduled Castes/Scheduled Tribes entrepreneurs, physically handicapped persons, ISRD and antyodaya beneficiaries. Under this package, 10% investment subsidy for tiny units, margin money assistance upto 50,000/- and interest subsidy of 3% shall be provided to such category of entrepreneurs for the establishment of small and tiny units. These entrepreneurs will also get 25% concession of

premium for industrial plots for setting up their ventures. A system of graded sales tax deferment in line with other States has been introduced for new industries linking the quantum of concession to location as well as the investment made in fixed assets and the scale of the units. New schemes of assistance have been added for training of local manpower and for export sample shipment, publication of export marketing brochures and participation in overseas trade faires.

Keeping in view the New Industrial Policy and package of incentives announced by the State Government, it is proposed to earmark an outlay of Rs. 125.69 crore for Eighth Five Year Plan period 1992-97 and an outlay of Rs. 15.15 crore for the Annual Plan 1992-93. The sub head of development-wise details of these outlays are as under :

(Rs. in Lakh)			
Sub-Head / Scheme	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Village & Small Industries	709.00	931.00	7200.00
2. Large & Medium Industries	450.00	534.00	4769.00
3. Mining	45.00	50.00	600.00
<b>Total :</b>	<b>1204.00</b>	<b>1515.00</b>	<b>12569.00</b>

The Scheme-wise description of the programmes to be implemented during the Eighth Plan periods and Annual Plan (1992-93) are briefly discussed as under :

## I VILLAGE AND SMALL INDUSTRIES :

### 1. Direction and Administration :

An outlay of Rs. 5.50 lakh has been provided during the year 1991-92 in order to strengthened the administrative and technical set-up of the departments. Against this provision, an outlay of Rs. 6.50 lakh for the Annual Plan 1992-93 and Rs. 55 lakh for the entire Eighth Plan has been proposed under this scheme. The scheme-wise break-up of these outlays are as under :

(Rs. in Lakh)

Scheme	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Setting up of Inspectorate of Boiler	3.00	3.00	20.00
2. Electrical Appliances and quality control	0.50	0.50	10.00
3. Entrepreneur Guidance Bureau	-	0.50	5.00
4. Industrial Policy Computerisation & data transmission unit.	2.00	2.00	10.00
5. Project Appraisal and Management Consultancy Cell.	-	0.50	10.00
<b>Total :</b>	<b>5.50</b>	<b>6.50</b>	<b>55.00</b>

## 2. Modernisation and Productivity :

Under this programme, it is proposed to cooperate with productivity organisations at National and State levels to sponsor awareness programmes including seminars, workshops and plant level training programmes for the development of skills on top floor. These programmes include plant level industrial engineering studies leading to increase in output without capital addition by application of productivity techniques like improved layout, preventive maintenance and introduction of incentives schemes. Matching contribution will be provided to the Himachal Productivity Council for sponsoring programmes falling under these categories. In order to implement this scheme, Rs. 1 lakh has been provided during the year 1991-92. A provision of Rs. 1 lakh for Annual Plan 1992-93 and Rs. 5 lakh for the Eighth Plan has been proposed.

## 3. Science & Technology Entrepreneur Park :

Under this programme, schemes would be jointly sponsored for promotion of Science & Technology activities and encouragement of Science & Technology entrepreneurs of industrial research and staff employment through industrial ventures. During the Annual Plan 1991-92 Rs. 0.50 lakh has been approved under this scheme. Against this, Rs. 0.50 lakh for 1992-93 and Rs. 5 lakh for Eighth Plan has been kept to cover contribution towards setting up of a Science & Technology Entrepreneur Park (STEP)

sponsored by the Department of Science & Technology, Government of India and other promotional programmes including sponsored Scientific & Industrial Research Institution for fellowship and support to Universities.

4. Industrial Estates :

This scheme has been discussed in Large and Medium sector. During the year 1991-92, an outlay of Rs. 38 lakh has been provided under this scheme. A provision of Rs. 400 lakh has been proposed for Eighth Five Year Plan 1992-97 and Rs. 40 lakh for Annual Plan 1992-93 under this scheme.

5. Small Scale Industries :

For the development of small scale industries in the Pradesh, funds to the tune of Rs. 205 lakh has been allocated for different programmes. Against this, an outlay of Rs. 310 lakh for the Annual Plan 1992-93 and Rs. 2310 lakh for the Eighth Plan has been proposed under this scheme. The scheme-wise break-up of these proposed outlays are as under :

Scheme	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Incentive & Subsidy	41.00	15.00	800.00
2. District Industries Centre	160.00	180.00	1200.00
3. Margin Money to sick Units	4.00	5.00	40.00
4. Establishment of Quality Marking/Tool Room/Common Facility Centre	-	8.00	200.00
5. Development of Food Processing Industries	-	2.00	70.00
<b>Total :</b>	<b>205.00</b>	<b>310.00</b>	<b>2310.00</b>

The brief description of the important schemes are as under :

a) Incentive and Subsidy :

The scheme has been discussed in detail in Large and Medium Sector. However, an amount of Rs. 41 lakh has been provided under the scheme. Against this, Rs. 115 lakh for Annual Plan 1992-93 and Rs. 800 lakh for the Eighth Plan has been proposed for the purpose

The scheme of District Industries Centres was sponsored by the Government of India in 1977 on 50:50 sharing basis. The objective of the DIC programme was aimed at providing all facilities/services and support required by Village & small entrepreneurs under single roof. The District Industries Centres are to undertake economic investigation of the potential for development of District including its raw material and other resources, supply of machinery and equipments, provision for raw materials, effective arrangement of credit facilities, marketing assistance and quality control, research extension and entrepreneurial training. The DICs are also to be an operational mechanism for according sanctions and other facilities for setting up of industries in the rural areas and ensuring their continued viable operation by developing close linkage with the rural development blocks on the one hand and with the specialised and developmental institutions on the other hand. The institutions like Khadi & Village Industries Commission and Handicrafts & Handloom Corporation which are incliyng in grassroot activities, where-ever these programmes are functioning or have and identifiable potential will work through the DICs and integrate their activities with DIC set-up. During the year 1991-92, an amount of Rs. 160 lakh has been provided under this scheme. In order to continue this scheme during the Eighth Five Year Plan, a provision of Rs. 1200 lakh and Rs. 180 lakh for Annual Plan 1992-93 has been proposed.

**c) Margin Money to Sick Units :**

The Government of India have introduced the scheme 'Margin Money to Sick units' on 50:50 sharing basis to rehabilitate the small scale industrial units. Under this scheme, margin money in the shape of loan is sanctioned to sick small scale industrial units on the recommendations of SLIIC subject to minimum of Rs. 1000/- and maximum of Rs. 50,000/- per unit. During the year 1991-92 Rs. 4 lakh has been allocated under this scheme. A provision of Rs. 40 lakh for Eighth Plan, and Rs. 5 lakh for Annual Plan 1992-93 has been proposed for this purpose.

**6. Handloom Industries and Handicraft Industries :**

An amount of Rs. 101 lakh has been approved for the year 1991-92 for the development of handloom industries under different schemes. Against this, an outlay of Rs. 120 lakh for the Annual Plan 1992-93 and Rs. 840 lakh for the Eighth Plan has been proposed under this scheme. The scheme-wise break-up of these outlays are as under :

(Rs. in Lakh)

Sub-Head / Scheme	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Hill Area Woollen Development Project	33.00	40.00	300.00
2. Workshed-cum-Housing Scheme	12.00	12.00	75.00
3. GIA to H.P., H & HC	10.00	11.00	75.00
4. Investment in H.P., H & HC	10.00	11.00	60.00
5. Rebate on Handloom Project	5.00	6.00	70.00
6. Marketing Dev. Assistance	7.00	9.00	60.00
7. Modernisation of Handlooms	20.00	25.00	100.00
8. Investment in Prg. Weavers Co-operative Societies	-	1.00	10.00
9. Share Capital Assistance to Weavers Apex Societies	-	1.00	15.00
10. Development of Handloom & Textile Industries	1.00	1.00	50.00
11. Opening of Carpet Centres	3.00	3.00	25.00
<b>Total :</b>	<b>101.00</b>	<b>120.00</b>	<b>840.00</b>

The brief description of the important schemes is as under :

**1. Hill Area Woollen Development Project :**

The Development Commissioner (Handlooms), Government of India have approved 'Hill Area Woollen Development Project' with a cost of Rs. 459.30 lakh to be implemented in a phased manner on 50:50 sharing basis. Under this project, various programmes for development of Handloom Industries has been taken-up. These programmes include setting-up of five training cum-demonstration Centres for training of weavers on improved looms and equipments, modernisation of traditional pitlooms into fly shuttle looms, follow-up action for rehabilitation of extra centres, establishment of 20 production-cum-service centres and improving the designs, quality of products and also introducing new designs according to the modern taste. During the year 1991-92 an amount of Rs. 33 lakh has been kept for this project. A provision of Rs. 300 lakh has been proposed for Eighth Five Year Plan and Rs. 40 lakh for Annual Plan 1992-93 for this purpose.

**2. Workshed-cum-Housing Scheme :**

The Government of India, Ministry of Textile have introduced a scheme 'Workshed-cum-Housing' as Centrally Sponsored scheme, on 50:50 sharing basis to provide work place to the weavers. Under this scheme, an outright subsidy of Rs. 3000/- is being provided to the weavers for the construction of worksheds. The entire Central assistance from the Central Government would be in form

of grant. The loan component would however be met by raising loans from HUDCO Bank. For the year 1991-92 Rs. 12 lakh has been approved under the scheme. In order to implement this scheme during the Eighth Five Year Plan, a provision of Rs. 75 lakh and Rs. 12 lakhs for Annual Plan, 1992-93 has been proposed.

### 3. H.P. Handicrafts & Handloom Corporation :

The H.P. Handicrafts & Handloom Corporation came into existence in March, 1974 with an authorised capital of Rs. 1.00 crore. The share capital of the Corporation has been increased to Rs. 2 crore and at present paid-up capital is Rs. 1.75 crores. The main objectives of the Corporation are to promote and develop Handicrafts and Handloom Industries of the Pradesh. In accordance with the main object of the Corporation more importance has been given to social objectives than the commercial objectives in order to promote and develop the Handicrafts and Handloom Industries which falls under the tiny sector. The Corporation is catering/benefitting the weaker section of the societies and more than 60% beneficiaries under various schemes belongs to SCs/STs and other weaker section of the society.

The following are the main activities of the Corporation

1. Revival of extinct Crafts.
2. Design Development.
3. Skill Generation.
4. Supply of raw material.
5. Production in Workshop.
6. Marketing.

An amount of Rs. 28 lakh was approved for the corporation during the year 1991-92. Against this, an outlay of Rs. 31 lakh for the Annual Plan 1992-93 and Rs. 230 lakh for the Eighth Plan has been proposed. The Scheme-wise details are as under :

Scheme	Approved Outlay (1991-92)	(Rs. in Lakh)	
		Proposed Annual Plan (1992-93)	Outlay Eighth Plan (1992-97)
1.	2.	3.	4.
1. Investment	10.00	11.00	60.00
2. Grant-in-aid	10.00	11.00	75.00
3. Rebate on Handloom Products	5.00	6.00	70.00
4. Opening of Carpet Centres	3.00	3.00	25.00
<b>Total :</b>	<b>28.00</b>	<b>31.00</b>	<b>230.00</b>



**4. Marketing Development Assistance :**

The Government of India, Ministry of Textile have introduced a new scheme namely 'Marketing Development Assistance' in lieu of Rebate on Handloom Products, Managerial Subsidy, Share Capital Assistance to Apex and Thrift fund scheme. Under this scheme, the Apex Weavers Cooperative Societies and H.P. Handicrafts & Handloom Corporation shall be provided assistance @ 8% of their total sale turn-over and Primary Cooperative Societies shall be given assistance @ 10% of their sanctioned cash credit. During the year 1991-92, an amount of Rs. 7 lakh has been approved under the scheme. Against this, an outlay of Rs. 9 lakh for the Annual Plan 1992-93 and Rs. 60 lakh for the Eighth Plan has been proposed under the scheme.

**5. Modernisation of Handlooms :**

The Development Commissioner (Handlooms), Government of India, Ministry of Textile has introduced a number of schemes for the development of Handloom sector including Modernisation of Handlooms as Centrally Sponsored Scheme on 50:50 sharing basis. Under this scheme assistance for purchase, modernisation, renovation of looms in the Cooperative Sector/outside the Cooperative Sector is being provided in the shape of 50% subsidy and 50% loan. An amount of Rs. 20 lakh has been provided during the year 1991-92 under this scheme. In order to implement this scheme during the Eighth Plan a provision of Rs. 100 lakh and Rs. 25 lakhs for Annual Plan 1992-93, has been proposed.

**6. H.P. Khadi & Village Industries Board :**

The H.P. Khadi & Village Industries Board is engaged in the performance of two types of activities viz. development and promotion of Village Industries and development of Khadi Industries. Under the development of khadi industries, the Board is guided by the pattern laid down by the All India Khadi & Village Industries Commission. The funds provided by the Commission are disbursed by the Board to the rural artisans on the prescribed pattern. In addition, the Board is running various schemes such as training centres/finished plants/carding plants throughout the State for the financial upliftment of the rural artisans/tribes/scheduled castes and other backward classes. For this purpose, following provision have been made :

Scheme	Approved Outlay (1991-92)	(Rs. in Lakh)	
		Proposed Annual Plan (1992-93)	Outlay Eighth Plan (1992-97)
1.	2.	3.	4.
1. Grant-in-aid	35.00	40.00	300.00
2. Rebate on Gandhi Jayanti	10.00	10.00	60.00
<b>Total :</b>	<b>45.00</b>	<b>50.00</b>	<b>360.00</b>

**7. Sericulture Industries :**

The Sericulture is a village oriented agro-based cottage industry. It is one of the household industry in Himachal Pradesh with agricultural base and essentially a labour intensive set-up. The sericulture industry is an effective tool to develop the rural economy as it supplements the income of weaker section of the societies. The industry provides whole time/part time employment to more than 7000 families. It is profitable enterprise and gains greater economic significance for the reasons that it has rural employment potential for all age groups especially to depressed classes i.e. widows, Scheduled Castes and Backward Classes. The main objective of industrialisation is to develop economic capabilities and increase per capita income. Sericulture is ideally suited to meet both the objectives. In view of this, the State Government intends to embark upon an ambitious programme of intensive development of sericulture in the Pradesh notwithstanding the financial constraints and other impediments. An amount of Rs. 44 lakh has been kept under this scheme for the year 1991-92. For the implementation of this scheme during the Eighth Five Year Plan a provision of Rs. 300 lakh and Rs. 50 lakhs for Annual Plan 1992-93, has been proposed.

**8. Employment Scheme for Un-employed Youth :**

The Department of Industries is organising various types of programmes for the prospective entrepreneurs under Entrepreneurial Development programme for General, women, scheduled castes/tribes and Educated unemployed etc. The main objective of this programme is to identify, select, train, develop and motivate first generation potential entrepreneurs. During the Eighth Five Year Plan period, it is proposed to set-up a centre for Entrepreneurial Development. The centre will conduct programmes packages of three months duration which consists of product guidance, managerial inputs, project report preparation, technical guidance and information of institutions, achievements motivation and post training support. The programmes will be looked after by an experienced trainer and supported by internal trainers and external experts. It is proposed to undertake special promotional programmes including creation of infrastructure subsidy on equipments, training of beneficiaries and other liberal incentives. In order to implement this scheme, following provisions have been made :

Scheme	(Rs. in Lakh)	
	Proposed Outlay	
	Annual Plan (1992-93)	Eighth Plan (1992-97)
	2.	3.
1. Educated Unemployed	15.00	70.00
2. Promotion of Self Employment in Service Sector	5.00	60.00
<b>Total :</b>	<b>20.00</b>	<b>130.00</b>

9. Other Village Industries :

For the implementation of other village industry schemes, an outlay of Rs. 48 lakh has been approved during the year 1991-92. Against this, an outlay of Rs. 63 lakh for the Annual Plan 1992-93 and Rs. 590 lakh for the Eighth Plan has been proposed under this scheme. The brief details of these outlay are as under :

Scheme	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Tea Industry	33.00	40.00	300.00
2. Investment in HPSSI & IEC	8.00	12.00	100.00
3. Raw Material Depots	2.00	3.00	100.00
4. Provision for consultancy fee	3.00	5.00	30.00
5. Export Promotion Programme	2.00	3.00	60.00
<b>Total :</b>	<b>48.00</b>	<b>63.00</b>	<b>590.00</b>

The brief description of the important schemes is as under :

1. Tea Industry :

Tea is the most important labour intensive agro-based industry in the State providing direct and indirect employment to about 10,000 families. Tea is also contributing substantially to support employment in various sectors of the Industries. At present there are 1385 Tea Gardens covering an area of 3212 hectares. The average production of tea per hectare is 264 kg. Special efforts are being made to establish blending plants and tea market in the State. The capacity of departmental tea nursery at Palampur has been enhanced from 1 lakh to 2 lakh tea saplings annually. The following schemes are being implemented in the State tea growing areas :

1. Raising of tea nurseries.
2. 5% subsidy on fertilizer, material, pesticides and insecticides.
3. Payment of interest subsidy @ 5.75% to tea cooperatives.
4. Experimental tea research section run by Agriculture University.
5. Tea Demonstrations.

During the year 1991-92, an amount of Rs. 33 lakh has been provided under this scheme. For this purpose an outlay of Rs. 300 lakh for Eighth Plan period and Rs. 40 lakh for Annual Plan, 1992-93 has been proposed..

**2. H.P. Small Industries & Export Corporation :**

The main objective of the Corporation is procurement and distribution of raw material to the small scale industrial units in the Pradesh. The Corporation has also established few industrial units at its own. The Corporation will continue its all activities alongwith the establishment of new units and diversification/modernisation of the existing units. For this purpose following provisions have been proposed :

(Rs. in Lakh)

Scheme	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Investment	8.00	12.00	100.00
2. Grant-in-aid for Raw Material Depots	2.00	3.00	100.00
<b>Total :</b>	<b>10.00</b>	<b>15.00</b>	<b>200.00</b>

**10. Other Expenditure :**

During the Annual Plan (1991-92), an amount of Rs. 221 lakh has been provided for the other schemes of industrial development. Against this, an outlay of Rs. ~~269.50~~ 269.50 lakh for the Annual Plan 1992-93 and Rs. 2100 lakh for the Eighth Plan has been proposed. The scheme-wise details are as under :

(Rs. in Lakh)

Scheme	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Training & Visit Programme	--	1.00	25.00
2. Environmental Conservation and Pollution Control	--	0.50	5.00
3. Development of Electronics Precision Industries	--	1.00	20.00
4. Investment Promotion scheme including N.R.I. Cell.	--	1.00	15.00
5. Externally-aided-Project	1.00	3.50	50.00
6. Investment in HPFC.	220.00	250.00	2000.00
7. Herbal Industries/Phyto Chemicals	--	12.00	70.00
8. Setting-up of Field and Survey Units	--	0.50	15.00
<b>Total :</b>	<b>221.00</b>	<b>269.50</b>	<b>2200.00</b>

The brief description of the important schemes is as under

**1. Externally Aided Projects :**

The main objective of this scheme is to establish externally aided projects sponsored by international organisation including UNIDO, ESCPA and JICA. An amount of Rs. 1 lakh has been approved under the scheme for the year 1991-92. For this purpose an outlay of Rs. 50 lakh for Eighth Five Year Plan and Rs. 3.50 lakh for Annual Plan 1992-93 has been proposed.

**2. Investment in Himachal Pradesh Financial Corporation :**

The Himachal Pradesh Financial Corporation has been established with a view to provide financial assistance to the Industrial units in terms of loan upto the maximum limit of Rs. 60 lakh. The major source of funds of the Corporation is to refinance from the IDBI and the availability of refinance from IDBI is directly linked with the matching contribution to share capital from the State Government. The investment made by the State Government towards share capital of the Corporation has a multiplier effect on the resources of the Corporation since every rupee invested by the State Government fetches the Corporation another six rupees by way of matching contribution towards share capital. During the year 1991-92 Rs. 220 lakh has been approved for the different activities of the Corporation. For this purpose, a provision of Rs. 2000 lakh for Eighth Five Year Plan, and Rs. 250 lakh has been proposed for Annual Plan 1992-93.

**II. LARGE AND MEDIUM INDUSTRIES :**

The schematic details are as under :

**1. Industrial Areas :**

In order to provide infrastructural facilities to the entrepreneurs, industrial areas have been developed at Nagrota Bagwan, Sansarpur Terrace, Bilaspur, Chamba, Shamshi, Mehatpur, Tehliwala, Shogi, Reckong-Feo, Paonta Sahib, Barotiwala, Baddi, Parwanoo, Solan, Mandi and Hamirpur. In these industrial areas 1241 plots have been developed and 133 sheds have been constructed. Besides, Industrial Estates at Solan, Dharampur, DehraGopipur, Kangra and Jaisalvi have been established wherein 55 sheds has been constructed. Industrial areas/Estates at Keylong, Amb, Nagri, Dakoolar, Raighat, Pandranoo, Rachhiana, Dhaliara and Chirgaon are under development and it is expected that these will be completed by the end of Annual Plan period 1993-94.

As per New Industrial Policy announced by the State Government, new industrial areas would be created in the interior locations of the State with a view to generate entrepreneurial and employment opportunities for the local people. Land and other facilities shall be made available on more attractive terms in the interior areas so as to facilitate dispersal of industries to less/least developed areas. During the Eighth Five Year Plan, 1992-97, it is proposed to establish

40 more Industrial Areas/Estates in the interior locations of the Pradesh. Besides, in order to sort out the difficulties faced by the entrepreneurs in setting-up of their ventures in these Industrial areas, it is proposed to provide one Manager in the rank of DIC, one clerk and one Class IV in each Industrial Area. For this purpose, an amount of Rs. 90 lakh has been provided during the year 1991-92. Against this, an outlay of Rs. 100 lakh for the Annual Plan 1992-93 and Rs. 775 lakh for the Eighth Plan has been proposed under the Scheme.

## 2. Other Engineering Industries :

Under this scheme, the investment and grant-in-aid is provided by the State Government to the H.P.S.I.D.C. & H.P.G.I.C. During the year 1991-92, Rs. 235 lakh has been provided for the purpose. Against this, Rs. 290 lakh for the Annual Plan 1992-93 and Rs. 1950 lakh has been proposed for the Eighth Plan. The break-up of these outlays is as under :

Name of the Corporation	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Investment in HPSIDC	220.00	270.00	1500.00
2. Grant-in-aid to HPGIC	15.00	20.00	350.00
<b>Total :</b>	<b>235.00</b>	<b>290.00</b>	<b>1950.00</b>

## 3. Investment in H.P.State Electronic Development Corporation :

Himachal Pradesh realises the tremendous potential for the development of Electronic industries in the State in view of its cool and dust free climate. There is a vast scope for the development of Electronic Industries in the State and with a view to promote these industries in the Pradesh, an Electronic Development Corporation was set-up during 1984-85. The main functions of the Corporation are identification of the new projects, to provide built-up sheds and to give general guidance to the entrepreneurs. The State Government has already developed Electronic Complex at Chambaghat in Solan District and Shogi in Shimla District. During the year 1991-92, Rs. 15 lakh has been approved for the purpose. An outlay of Rs. 500 lakh has been proposed for Eighth Five Year Plan and Rs. 15 lakh for Annual Plan 1992-95.

## 4. Strengthening of Directorate :

Due to overall enhancement of the industrial activities in the Pradesh and keeping in view the implementation of new schemes, the Directorate of Industries is required to be equipped with modernised equipments. With a view to provide

necessary assistance and guidance to the entrepreneurs and also to coordinate and control the implementation of Industrial Development Programme in the State. It is essential to strengthen the infrastructure at the State level. In addition to the continued staff, it is proposed to create one new post of Industrial Adviser and one post of Additional Director of Industries. It is also proposed to create one legal cell at the State Headquarters in order to settle the departmental cases in the High Court/Tribunal and Civil Courts. These new posts are required to be filled-up immediately as the work load of the Industries Department has increased manifold.

Besides, the construction work of the Udyog Bhawan which is in progress and expected to be completed by the end of Annual Plan 1992-93, it is also proposed to construct residential colony for the staff during the plan period 1992-97. In order to meet with the above requirements an amount of Rs. 11.62 lakh has been approved for the year 1991-92. Against this provision, an outlay of Rs. 200 lakh and Rs. 15 lakh has been proposed for the Eighth Five Year Plan and Annual Plan (1992-93) respectively for this purpose.

#### **5. Land Acquisition Office :**

In order to complete the formalities of acquisition of land for setting up of Large & Medium Industries/ various Industrial Areas in the Pradesh, the office of the Land Acquisition Officer has been established at Bilaspur. As per policy of the Government the Industrial areas/Estates are being developed at the Blocks and Tehsil levels for which the acquisition proceedings are in advance stage. An amount of Rs. 5 lakh has been provided for this purpose during the year 1991-92. In order to continue this scheme during the Eighth Five Year Plan, a provision of Rs. 75 lakh and Rs. 6 lakh for Annual Plan 1992-93 has been proposed.

#### **6. Store Purchase Organisation :**

The Store purchase organisation functions with the objectives to (1) provide marketing facilities to the local industrialists and (2) facilitate the Government departments to purchase items of specified quality at comparative prices. The Work Load of this organisation has increased manifold and with the present sanctioned staff, it has become difficult to cope with the work. Due to very limited inspection staff provided in this organisation the inspection of stores is presently carried out by the officers of the indenting Departments in place of the officers of the Store Purchase Organisation. The Store purchase Organisation will be strengthened during the Eighth Plan periods. During the year 1991-92, funds to the extent of Rs. 2 lakh has been provided for this purpose. Against this, Rs. 3 lakh for the Annual Plan 1992-93 and Rs. 25 lakh for the Eighth Plan has been proposed under the Scheme.

### **8. Infrastructure Development Programme ::**

The Government of India have declared Kangra, Chamba, Kullu, Reckong-Peo and Lahaul Spiti Districts of the State as 'No Industry District' and have sanctioned Rs. 6 crore for the development of Industrial Areas in each District. Out of Rs. 6 crore, Rs. 2 crore will be contributed by the State Government, Rs. 2 crore by the Central Government and Rs. 2 crore by the IDBI. Under this scheme, Industrial Areas at Sansarpur Terrace is being developed. During the year 1991-92, Rs. 10 lakh has been approved under this scheme. In order to implement this scheme in other districts during the Eighth Five Year Plan, a provision of Rs. 75 lakh and Rs. 10 lakh for Annual Plan 1992-93 has been proposed.

### **9. Growth Centres :**

The Government of India, Ministry of Industry have sanctioned one Growth Centre for the State of Himachal Pradesh. This Growth Centre will act as magnet for attracting industries to Himachal Pradesh & would be endowed with infrastructure at par with the best available in the country, particularly in respect of power water, telecommunication and banking. For this Growth Centre, land about 400 to 800 Hectares will be acquired for the development of infrastructure and for allocation primarily to small and medium size units. Apart from the cost of land and its development, the other items that will be eligible for financing under this scheme would be :

1. Construction of access roads.
2. Provision for water supply.
3. Effluent dispersal system.
4. Upgradation of existing schools/colleges, Industrial Training Institutes, Hospitals and Dispensaries.
5. Upgradation of housing stock.
6. Provision for telecommunication facilities.
7. Distribution of network for within the Growth Centre.

During the year 1991-92, an amount of Rs. 30 lakh has been provided for the purpose. A provision of Rs. 200 lakhs and Rs. 30 lakhs has been proposed for Eighth Five Year Plan, and Annual Plan, 1992-93 respectively under the scheme.

### **10. Incentive & Subsidy :**

The State Government realising the locational disadvantage and topographical constraint is providing an attractive package of incentives and facilities to the industrial units in order to make them viable and competitive with those in the plain areas/other States. The detail of incentives which are being provided to the existing units is given as under :

1. Subsidy for the preparation of project reports by the approved consultants.
2. Interest subsidy to tiny units so as to bring the effective rate of interest 3% below the Government lending rate.



3. 15% subsidy on the cost of Generated sets subject to a ceiling of Rs. 75,000/- where project cost exceeds Rs. 1 crore.
4. Interest free loan against Central Sales Tax (CST) is available to Medium & Large Industries to the extent of 8% of the value of fixed assets in case of units with capital investment upto Rs. 50 lakh and 5% of the Capital investment Between 50 lakh to 12 crore for a period of 3 years from the date of going into production.
5. Additional incentives to scheduled caste entrepreneurs :
  - a) Additional Capital investment subsidy @ 10% with a maximum ceiling of Rs. 10,000/-
  - b) 90% subsidy for the preparation of feasibility report.
  - c) 100% subsidy for carriage and installation of Machinery.
  - d) Enhanced subsidy portion under RIF scheme from 33% to 50% on the pattern of IRDP coverage for identified families in the Blocks.
  - e) 75% subsidy for the purchase of Generating sets upto the maximum limit of Rs. 50,000/- in the small scale sector.

The State Government in its New Industrial Policy have announced new package of incentives to new industrial units set-up after 1/4/1991 detail of which is given as under :

1. 75% subsidy for the preparation of feasibility reports to be prepared by the entrepreneurs with a maximum of Rs. 15,000/- in each case to small scale industries.
2. In case of Medium & Large Industries 75% of the cost of preparation of feasibility report or 1% of the capital cost of the project in Land, Buildings, Plant & Machinery subject to the maximum of Rs. 1 lakh whichever is less.
3. Subsidy on power tariff.
4. Subsidy on rate of interest @ 3% below term lending rate.
5. Investment subsidy for installation of captive D.G. set @ 15% with a maximum of Rs. 1 lakh for each unit where the unit in question has already exhausted the limit of admissible State/ Central investment subsidy.
6. Subsidy on the development of manpower.
7. Special categories viz Scheduled Castes, Scheduled Tribes, Women, Ex-Servicemen, Physical Handicapped, Antyodaya and IRDP families entrepreneurs for setting-up new units will be entitled to the following additional incentives/facilities over and above the incentives/facilities admissible else-where to other categories :
  - a) 10% Capital investment subsidy to tiny units.
  - b) Subsidy on rate of interest @ 3% below the term lending rate.

- c) 90% subsidy for the preparation of feasibility reports.
  - d) 100% subsidy for the carriage and installation of Machinery.
- 6 Incentives to Priority Industries :
- a) State Capital investment subsidy.
  - b) Subsidy on rate of interest.
9. Incentive for the promotion of Exports :
- a) Assistance for shipment of Export Samples to SSI Units.
  - b) Marketing Development assistance.

For this purpose following provisions have been made :

(Rs. in Lakh)

Scheme	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Village & Small Industries	41.00	115.00	800.00
2. Large & Medium Industries	35.00	50.00	800.00
<b>Total :</b>	<b>76.00</b>	<b>165.00</b>	<b>1600.00</b>

#### 11. Arts & Exhibition :

Holding of exhibitions is very vital to educate the people at large of the development that takes place in the field of industries. On the one hand, people get the idea of industries that come up in production and on the other hand new ideas of improvements achieved in production techniques are disseminated. With a view to expose the products being manufactured by the Industrial units in Himachal Pradesh, the Department of Industries participates in all important National level exhibitions and fairs. The State Government also hold exhibition on the eve of important festivals and fairs within the State. A permanent pavillion at Pragti Maidan Exhibition Ground at New Delhi has been constructed. The Department have no separate cell/ machinery for this purpose and the participation in the exhibitions is confined to the limited staff drawn from various schemes temporarily in such occasions. This arrangement has not proved a success and has hampered the working and implementation of various schemes. Therefore, it is proposed to create a separate cell with adequate staff and other equipments during the Eighth Plan periods. An amount of Rs. 10 lakh has been approved during the year 1991-92 under the scheme. A provision of Rs. 100 lakh for Eighth Five Year Plan, and Rs. 12 lakh for Annual Plan 1992-93 has been proposed under this scheme.

## 12. Information and Publicity :

The State Government has decided a new policy of funding the publicity expenditure in respect of various departments and under this policy, the funds for this purpose is carved out/met-out of the plan ceiling of the concerned departments. An outlay of Rs. 1.56 lakh has been provided during the year 1991-92 for this purpose. A provision of Rs. 8 lakh for Eighth Five Year Plan and Rs. 1.35 lakh for Annual Plan 1992-93 has been proposed for the purpose.

## 13. Health Composite Testing Laboratory :

The State Government has decided a new policy for funding the expenditure on the composite testing laboratory at Kandaghat for analysing the samples in respect of various departments of Government. During the year 1991-92 Rs. 0.12 lakh has been kept for this purpose. In order to provide/meet the testing charges of the samples of the Store Purchase Organisation, a provision of Rs. 1 lakh for Eighth Five year Plan and Rs. 0.15 lakh for Annual Plan 1992-93 has been proposed.

## 14. Industrial Housing including Interest Subsidy for Industrial Housing :

With a view to facilitate creation of essential infrastructure for industry, it is very important to catalyse growth of industrial housing facilities around proposed industrial areas/Estates. Various schemes for assistance launched by different financial institutions have not been able to cut ice for the reasons like non-availability of land unwillingness of promoters. With a view to encourage promoters of new projects as well as existing industrialists/societies of workers, following activities are proposed to be undertaken under this programme :

1. Development of Housing sites/plots for allotment to units/workers cooperatives near Industrial areas/Estates.
2. Interest subsidy to industrial units against their borrowing from financial institutions for construction of worker houses/ staff colonies.

An outlay of Rs. 1 lakh for the Annual Plan 1992-93 and Rs. 28 lakh for the Eighth Plan under the scheme has been proposed.

## 15. Managerial Assistance to Service Sector Organisation for Promotional Activities :

The role of the public undertakings as commercial undertakings does not permit them to undertake many such activities of promotional nature which could not be taken-up as profit earning activities. Example would include creation of infrastructure by HPSIDC, HPSSIDEC and HPSEDC in the form of industrial areas by commercial borrowings, promotion of exports, opening of raw material depots in remote areas. Training of human resources development dissemination of information.

organising promotional seminars, rendering consultancy etc. which falls under their objectives but are not generally undertaken on issues of commercial viability. It is proposed to install this provision for offering managerial grants to various service organisations and cooperatives offset their expenses losses towards such desirable programmes. Support would also be offered under this programme to voluntary organisations and Cooperative societies for similar purposes. For this purpose, a provision of Rs. 30 lakh for Eighth Five Year Plan, and Rs. 0.50 lakh for Annual Plan, 1992-93 has been proposed.

**16. Assistance to Antyodaya Families for various Industrial Development Programmes :**

Under various Industrial development programmes, Antyodaya families are being provided following concessions :

1. For setting up of various industrial units in tiny sector, Antyodaya entrepreneurs are being provided capital investment /margin money facilities in accordance with the industrial policy. For this purpose,, there will be no term loan limit and only 4% rate of interest will be charged.
2. The maximum grant-in-aid limit for rural artisan programme and rural industrial programmes has been kept at Rs. 5000 per beneficiary.
3. 10% special capital investment subsidy.
4. To make available the margin money loan assistance at 1% rate of interest on total investment of Antyodaya Entrepreneur with the maximum limit of Rs. 50,000 or 10% of the project cost or whichever is less.
5. 3% interest subsidy to financial institutions extending long term loan facilities.
6. 90% subsidy for the preparation of Project Report with a maximum limit of Rs. 25,000.
7. Cent-percent subsidy for the carriage and establishment of machinery.
8. Allotment of industrial sheds in A B & C block categories at 25%, 50% and 70% concessional rates.
9. Allotment of industrial plots at concessional rates.

For providing the above assistance/concessions/facilities to the Antyodaya Entrepreneurs, a suitable provision of funds have been made in the respective schemes/programmes for the Eighth Plan 1992-97 and Annual Plan 1992-93.

### III. Mineral Development :

Mining is the world's oldest and the most important industry. Modern civilisation critically depends upon the availability of minerals. Since thousand of years back when the earlier man choose hard stone and shaped it into a pointed weapon to protect against predators and also to procure food, till date the history of mineral development has been history of civilisation. With the sharpening of geological sense and utilisation of minerals, man progressed from stone age to copper age to, present nuclear age. The exact assessment of mineral resources and their economic exploitation is the barometre of nations' strength. Thus the increasing requirement of mineral resources as a raw material to feed the existing industries as well as setting-up of new ventures, makes it essential to explore the minerals.

Geological wing of the Department of Industries is engaged in carrying out the detailed exploration and prospecting of some of these minerals so as to prove or disprove their economic viability and industrial potentials.

In addition to exploration of new minerals deposits, the Geological wing is also engaged in regulation & development of mineral resources, Geotechnical studies of bridges, multistorey buildings, medium irrigation projects, landslides, lakes and ground water investigation.

Himachal Pradesh, (due to its ragged terrain and inaccessible remoteness remained poorly explored. Only few minerals such as lime-stone, byrites, gypsum, rock-salt, silica-sand etc. were explored and proved to some extent because of marketability and industrial use. The Geological survey of India whose primary responsibility is to undertake systematic geological mapping of the country, has reported indications of occurrence of several minerals in the Pradesh. Some of the important minerals reported by the Geological Survey of India are lime-stone of various grades, quartzite, Glass-sand, Gold, Rock-salt byrites, copper, Cobalt, Nickel, Silver, Antimony, phospherit, gypsum, Uranium, Zinc, Lead, Granites, Slates, Slabstones, Kyanite etc. Mining and Mineral industrial units have generated employment for more than 30000 families in the interior of the State where other industries dread to venture.

Keeping in view the enlarged role for the geological wing for exploration and proving of mineral deposits, geotechnical studies and bridges, multistorey buildings, irrigation projects, glacial and lake studies and ground water studies for providing drinking water in remote and high altitudes villages, it is proposed to strengthen the existing activities by providing additional staff and machinery. During the plan period it is also proposed to set up a Remote Sensing unit in Geological wing.

In order to meet with these requirements, funds of the order of Rs. 45 lakh has been provided during the year 1991-92. Against this, a provision of Rs. 50 lakh for Annual Plan 1992-93 and Rs. 600 lakh for the Eighth Plan has been proposed under this head.

## VII. TRANSPORT :

### 1. Civil Aviation :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	755.50
Annual Plan actual expenditure	(1990-91)	37.02
Annual Plan approved outlay	(1991-92)	25.00
Annual Plan anticipated exp.	(1991-92)	25.00
Annual Plan proposed outlay	(1992-93)	25.00
Eighth Plan proposed outlay	(1992-97)	125.00

Prior to the commencement of the Seventh Five Year Plan, there was only one Airstrip in Himachal Pradesh at Shunter in Kullu District about 6 kilometres from Kullu town, which was made operational in the year 1967 where the Indian Airlines was giving flights to Kullu from Delhi. With this limited air services the other important tourist places in Himachal Pradesh like Shimla, Dharamsala, Dalhousie etc. were remained without a link which had a big drawback in our overall development in general and tourism in particular. During the Seventh Five Year Plan period two airports namely Shimla at Jubbar Hatti and Kangra at Gaggal were taken in hand and made operational with a view to boost tourism in Himachal Pradesh. The Shimla Airport, about 20 kilometres from Shimla town was inaugurated on 24th May, 1987 and made operational with the co-operation and financial assistance of the Central Government. The Kangra airport has been made operational on 13th May, 1990. With the operational of this Airport the Kangra valley has been connected with the rest of the country by Air.

During the Seventh Plan (1985-90) the actual expenditure incurred under this head was of the order of Rs. 755.50 lakh. The actual expenditure incurred during the year 1990-91 was Rs. 37.02 lakh under this head of development.

#### Eighth Plan (1992-97) and Annual Plan (1992-93) Approach :

During the Eighth Five Year Plan period the main emphasis would be laid for the construction of Airstrips and helipads which have been proposed for execution during the Seventh Five Year Plan and construction of Aerosports Institute Building, hostel and hanger at Gaggal. With the establishment of Aerosports Institute at Gaggal, it is expected that training in various aerosports activities like Hang Gliding, Para Gliding, Powered Hang Gliding will be imparted there as there is a vast scope for all these types of aerosports activities in Himachal Pradesh.

During the year 1991-92, an outlay of Rs. 25 lakh has been approved under this head of development for the implementation of various schemes. Against this, an outlay of Rs. 25 lakh for the year 1992-93 and Rs. 125 lakh for the Eighth Plan (1992-97) has been proposed under this head.

The schematic details are as under :

**1. Aerodromes/ Airstrips/ Helipads :**

**1. COMPLETION/EXTENSION OF JUBBER HATTI (SHIMLA) AIRPORT.**

Jubber Hatti airport was made operational in May, 1987 and was handed over to the National Airport Authority. This Airport at present is uni-directional and Aircraft cannot operate from both sides of the runway. Further, at present only the Dornier Aircraft can operate from this airport. Since the Government is keen on starting AVR0 aircraft operation to boost tourism in the State. This airport has to be extended and the Hillock next to the terminal building will have to be cut.

**2. CONSTRUCTION OF KANGRA AIRPORT AT GAGGAL.**

The Kangra Airport at Gaggal has been made operational on 13th May, 1990 but lot of work is yet to be completed. The remaining work will be completed during the Annual Plan 1992-93 period.

**3. CONSTRUCTION OF AIRSTRIPS AT BANIKHET, MANDI AND HAMIRPUR.**

The State Government has decided to construct Airstrips at Mandi, Banikhet and Hamirpur in the Non-Tribal Areas. Budget provision for these Airstrips were being made for the last three years but during the current financial year 1991-92, no budget provision has been made by the Government due to paucity of funds. Meteorological Observatories has been set-up at Mandi (Ratti) and Banikhet and the site is yet to be selected for construction of Airstrip at Hamirpur. For the construction of these Airstrips sufficient funds will be provided during the Eighth Plan and Annual Plan 1992-93.

**4. CONSTRUCTION OF HELIPADS IN HIMACHAL PRADESH :**

As the State Government is desirous to connect District, Sub-Divisional Headquarters and inaccessible areas of the State by air facilities by constructing helipads in these areas. The Government has already constructed helipads in Dodra-Kwar, Rohru, Rampur, Bankufar, Chharabra in the Non-Tribal areas and at Killar, Bharmour, Kaza and Tabo in tribal areas. At present in non-tribal areas helipad at Chamba is in progress and likely to be completed during the year 1992-93. In addition to this, Government has already decided to construct helipads at Bilaspur, Una, Nahan, Chopal in the Non Tribal Areas and Sangla in the Tribal Areas. To complete the Chamba helipad and to start construction work in other helipads, funds will be provided during the Eighth Plan and Annual Plan 1992-93.

**5. CONSTRUCTION OF AEROSPORTS INSTITUTE BUILDING, HOSPITAL AND HANGER :**

The Government has decided to set up an Aerosports Institute at Gaggal in district Kangra for imparting training in Powered Hang Gliding, Hang Gliding, Para Gliding etc. In the initial

stage Hang Gliding, Powered Hang Gliding,, Para Gliding training will be imparted in this institute as they are gaining popularity around the world, being adventurous as well as affordable. The Department of Tourism and Civil Aviation has already organising Hang Gliding and Para Gliding championship rallies in the Kangra valley at Bir/Billing and Delhu which are being attended participated by foreign pilots also. During the Eighth Plan and Annual Plan 1992-93, appropriate provision of funds will be provided for this purpose.

## **II. OTHERS :**

A survey was carried out by the National Council of Applied Economic Research and the payment amounting to Rs. 1.50 lakh was made by the H.P. Tourism Development Corporation, who have requested that the above amount may be re-imbursed to them. Hence a provision of reimbursement of these funds and payment of Grant-in-aid to H.P. Tourism Development Corporation will be made during the Eighth Plan and Annual Plan 1992-93.

## **III. GENERAL :**

### **1. DIRECTION AND ADMINISTRATION :**

During the year 1991-92 there is a budget provision of Rs. 3.40 lakh under head salaries etc. for the existing posts of Deputy Director, Civil Aviation, Assistant, Junior Stenographer, Clerks and Peon. During the Eighth Plan and Annual Plan 1992-93, the civil Aviation wing will be suitably strengthened and appropriate funds will be provided during the Eighth Plan and Annual Plan 1992-93.

### **2. TRAINING AND EDUCATION :**

During the current financial year there is a budget provision of Rs. 4 lakh. The Department is granting stipend to sponsored PPL, CPL and GPL candidates and reimburse the flying fee upto 70% and 75% of the actual cost. For providing stipend/reimburse the flying fee, sufficient provision of funds will be made during the Eighth Plan and Annual Plan 1992-93.

### **3. ORGANISING OF HANG GLIDING RALLIES :**

Hang Gliding rallies are being organised by the Government of Himachal Pradesh annually in Billing/Bir. During the year 1991-92 International Hang Gliding Championship was organised in the month of May, 1991 at Billing/Bir near Joginder-Nagar in which expenditure of more than Rs. 5 lakh has been incurred. During the current financial year there is a budget provision of Rs. 1 lakh. It is expected that in future these rallies will be held in large scale. For this purpose sufficient provision of funds will be provided during the Eighth Plan and Annual Plan 1992-93.



4. OPENING OF METEOROLOGICAL OBSERVATORIES :

Meteorological Observatories have been set-up at Mandi, Kangra, Banikhet and Jhubberhatti and five Assistant Observators have been appointed to run these observatories. During the year 1991-92 there is a budget provision of Rs. 1.60 lakh. During the Eighth Plan and Annual Plan 1992-93 sufficient provision of funds will be provided for making the salaries of these Assistant Observators etc.

5. PURCHASE OF EQUIPMENT ETC :

For the smooth functioning of Airports, Airstrips, Aerosports Institute some equipments like fire fighting equipment, Meteorological equipment, Aerosports equipments are to be made available in the Airports and Aerosports Institute. During the Eighth Plan and Annual Plan 1992-93 sufficient provision of funds will be allocated for the purchase of these equipments etc.

6. SETTING-UP AEROSPORTS INSTITUTE AND PROVIDING STAFF TO RUN THIS INSTITUTE :

The Government has decided to set-up an Aerosports Institute at Gaggai and for this purpose during the current financial year, a provision of Rs. 3 lakh had been made for the construction of Aerosports building. The Government of India has agreed in principle to meet the expenditure of the Institute for a period of five years. For this purpose sufficient provision of funds will be provided under this scheme during the Eighth Plan and Annual Plan 1992-93.

7. AERODROMES/HELIPADS/AIRSTRIPS IN TRIBAL AREAS H.P. :

To connect the remote Tribal areas of Pradesh with air services, the Government has proposed to construct Airstrips and helipads in these areas. Helipads at Kaza, Tabo, Killar, Bharmour have already been constructed by the Department of Tourism and Airstrip new helipad at Rangrik is in progress. Site for Sangla helipad has been identified and land is being acquired for this purpose. Though the helipad at Bharmour has been completed, yet some liabilities are to be cleared during the year 1992-93. During the year 1991-92 there is a budget provision of Rs. 2 lakh. During the Eighth Plan and Annual Plan 1992-93, sufficient provision of funds will be provided for this purpose under Tribal Area Sub-Plan.

2. ROADS AND BRIDGES INCLUDING ROPEWAYS AND CABLEWAYS :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	15889.13
Annual Plan actual expenditure	(1990-91)	4218.00
Annual Plan approved outlay	(1991-92)	4315.00
Annual Plan anticipated exp.	(1991-92)	4315.00
Annual Plan proposed outlay	(1992-93)	5305.00
Eighth Plan proposed outlay	(1992-97)	32960.00

In near absence of Railways and Water Transport, roads are the only means of communication in predominantly hill State of Himachal Pradesh. Out of its 55,673 sq. kms. area, 36,700 sq kms. is inhabited and its 16,807 villages are small and scattered over slopes of numerous hill ranges and valleys, there are 47 towns and 93% of population is rural.

Although Himachal Pradesh has been blessed with excellent agro-climatic conditions for horticulture, growing of cash crops, off season vegetables and seeds, has big potential for dairy development, tourism, establishment of horticulture, forest produce-mineral based industries and generation of hydro power, yet this potential for economic growth could not be exploited in the past due to utter lack of means of communication. There were just 288 Kms. motorable road in the State at the time of its formation in 1948. Inaccessibility of the area was not only handicap for exploitation of its resources but had kept population isolated from progressive influences resulting in social, cultural and political backwardness as well as poverty and leaving this hilly part of the country, a century behind in development from plains at the time of independence.

2. ROAD DEVELOPMENT PLANS AND ACHIEVEMENTS DURING THE PERIOD 1951-91 :

Realising importance of construction of roads for connecting production areas with market centres and for providing much needed employment to rural population so that marginal farmers with cash income from employment could sustain themselves as well as invest a little bit in development of their agro-horticulture based economy till the time it could be remunerative. Himachal Pradesh Government with inception of Five Year Plan gave first priority to road construction programme.

Starting practically from scratch, 17290 Kms. motorable road have been constructed in Himachal Pradesh till 31st March, 1991 and over-all achievements including central roads are as under :

Category	Motorable Road Length (in Kms)		
	Single lane	Double lane	Total
1.	2.	3.	4.
<u>1. Motorable Road.</u>			
a) <u>State Roads :</u>			
i) State Highway	2803	769	3572
ii) District & other roads	12149	246	12395
Total :	14952	1015	15967
b) <u>Central Roads :</u>			
i) National Highway	12	710	722
ii) Border Road with DGBRR	332	269	601
Total :	344	979	1323

Total length of motorable roads (Formation) 17290 Kms.

2. Road density achieved. 31.06 Kms./100 sq. Kms.

3. Length provided with cross-drainage / bridges out of total length of 17290 Kms. 7643 Kms. (44.20%)

4. Metalled & Tarred length out of total length of 17290 Kms. 6542 Kms. (37.84%)

5. Permanent bridges of all types construction upto March, 1991. 782 Nos.

a) Major bridges above 60 M span out of 782 bridges. 99 Nos.

6. Villages connected. 7456 (44.36%)

Anticipated achievement of road length upto 3/92 shall be 17113 Kms. detail of which is given as under :

Category	Motorable Road Length [in Kms], Total			Total Length (in kms)
	Single lane	Double lane	Total	
1.	2.	3.	4.	
<b>1. Motorable Road. (Formation)</b>				
<b>a) State Roads :</b>				
i) State Highway	2803	769	3602	
ii) Other District Roads	12149	246	12665	
<b>Total :</b>	<b>14952</b>	<b>1015</b>	<b>16267</b>	<b>16267</b>
<b>b) Central Roads :</b>				
i) National Highway	12	710	722	
ii) Border Road with DGER	332	269	601	
<b>Total :</b>	<b>344</b>	<b>979</b>	<b>1323</b>	<b>1323</b>

Total length of motorable roads (a+b) 17590 Kms.

2. Road density likely to be achieved upto 3/92. 31.60 Kms./100 sq. Kms.

3. Length likely to be provided with cross-drainages/bridges out of total length of 17590 Kms. 7768 Kms. (44.16%)

4. Length likely to be Metalled and Tarred out of total length of 17590 Kms. 6692 Kms. (38.04%)

5. Bridges of all types likely to be constructed upto March 1992. 812 Nos.

6. Villages likely to be connected. 7481 (44.51%)

Total expenditure incurred on Road Projects since independence and progress of development of roads in State Sector during various Five Year Plans is given as under :

Plan Period	Expenditure on Roads	Motorable Road Constructed in Kms During Plan period	Cumulative at the end of plan period
1.	2.	3.	4.
upto 1948			288 Kms.
1st Plan 1951-56	2125.40	216	504
2nd Plan 1956-61	5337.84	796	1300
3rd Plan 1961-66	10182.11	814	2114
3 rd Annual Plans 1966-69	12128.57	2439	
Merged area upto 1966	35000.00	1643*	6196
4th Plan 1969-74	28000.00	2846	9042
5th Plan 1974-79	47000.00	1352	10394
Annual Plan 1979-80	1497.00	573	10967
6th Plan 1980-85	10176.00	2670	13637
7th Plan 1985-90	15889.13	1867	15504
Annual Plan 1990-91	4216.00	407	15911
Annual Plan 1991-92	4315.00	300	16211

**Note :** * 1643 Kms. roads existed in area merged in Himachal Pradesh on Re-organisation of Punjab in 1966 on which expenditure of approximately 35 crore was incurred during the period 1951 to 1966.

It would be seen that only 44.36 percent of villages have been connected with motorable roads by 31st March, 1991 attaining road density of 31.06 Kms. per 100 square kilometre of area against all India average of more than 60 Kms. per 100 Sq.Kms. area. It will also be seen that work on even 17290 Kms. length of roads has not been completed in all respects for making these all weather roads as only 44.20 percent length has been provided with cross drainage and bridges whereas only 37.84 percent length has been metalled and tarred.

### 3. REQUIREMENT OF ROAD IN HIMACHAL PRADESH AND PERSPECTIVE PLANS :

According to National Policy all villages are ultimately to be connected with all weather motorable roads and according to the latest recommendations by the year 2001. As per Master Plan prepared 40,500 Kms. roads are required to be constructed in Himachal Pradesh to connect all villages giving density of 72.75 kms. per 100 sq. kms. area considering topography and location of isolated villages high-up on slopes of hill ranges it may however, be not feasible to provide motorable roads to connect all villages as such an attempt may lead to land slide problem and disturbance of ecological balance. Total motorable road length to connect 12347 villages excluding isolated villages has, therefore, been worked out, which comes to about 30,500 Kms. On construction of this road length all these villages will either

be connected or as cluster covered within 1 Kms. distance and altitude difference of 100 mtrs. leaving 4460 isolated villages un connected but which would fall within 2 to 3 kms. distance and altitude difference of 300 metres. These isolated villages can be connected by mule roads and gravity type aerial cableways for transportation of goods from such villages to the nearest motorable roads where feasible.

District-wise requirement of motorable roads to connect all villages except isolated villages has been worked out and achievements by march, 1991 (reconciled) are given as under :

Sr. No.	Name of District	Area in Sq. Kms.	Population as per 1981 Census.	Road Density required to connect all except isolated villages			Position of Motorable Roads in March, 1991		
				Required Length in Kms	Density in Kms.		Length in kms	Density in Kms.	
					Per 100 Sq. Kms.	Per 1000 Population		Per 100 Sq. Kms.	Per 1000 Population
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1	Bilaspur	1167	247368	1415	121.25	5.72	946	81.06	3.82
2	Chamba	6528	311147	3645	55.84	11.71	983	15.06	3.16
3	Hamirpur	1118	317751	1235	110.47	3.89	951	85.06	2.99
4	Kangra	5739	990758	4865	84.77	4.91	3284	57.22	3.31
5	Kinnaur	6401	59547	835	13.04	14.02	441	6.89	7.41
6	Kullu	5503	238734	1785	32.44	7.48	762	13.85	3.19
7	L & Spiti	13835	32100	1525	11.02	47.51	721	5.21	22.46
8	Mandi	3950	644827	4555	115.32	7.06	2389	60.48	3.70
9	Shimla	5131	510932	4075	79.42	7.98	2501	48.74	4.89
10	Sirmaur	2825	306952	2515	89.03	8.19	1582	56.00	5.15
11	Solan	1936	303280	2530	130.66	6.34	1551	80.11	5.12
12	Una	1540	317422	1515	98.38	4.77	1179	76.56	3.71
Total :		55673	4280818	30495	54.78	7.12	17290	31.06	4.04

Say : 30500

#### 4. SPILL OVER WORKS FROM SEVENTH FIVE YEAR PLAN :

Apart from National Highways and Border Roads work on 2550 State Highways and Rural Roads were taken in hand/ initiated till the end of March, 1991 having total length of about 28000 kms. Out of this length 16267 kms. length (excluding Central Roads) is expected to be made motorable by March, 1992 leaving spill over of 11733 kms. length and about Rs. 2138 crores would be required to complete the balance length, the details of which are given as under :

Sr. No.	Particulars/ Sub-Head	Position of works initiated upto 3/92 (likely) in Kms.		Spill over to Eighth Plan (Kilometres)	Cost of spill over works (in Lakh)	
		Total Length	Achievement upto 3/92 (likely)		Rate per Kms.	Amount
1.	2.	3.	4.	5.	6.	7.
1.	Single lane motorable formation.	28000	16267	11733	7.00	82131
2.	Cross drainage	28000	6540	21460	1.60	34336
3. i)	Metalling & Tarring (existing length).	16267	5473	10894	3.90	42487
	ii) M/T of new roads (SH, MDR/ODR).	1685	---	1685	3.90	6572
4.	Sub base (Soling) (25% of new rural roads)	1885	---	1885	1.10	2074
5.	Bridges full length for SH, MDR/ODR & 50% for rural roads	9692	6540	3152 @ 3.2 M/Km 10086 mtrs.	0.60/M	6052
6.	Aerial cableways Mule roads for connecting of isolated villages @ 3 Kms. per village. (4460 x 3 = 13380 Kms.)	13380	16	13364	3.00	40092
Total :						213744
						Say : 2138 crore.

During Eighth Plan,, it is proposed to construct 1750 kms. length of roads (excluding central roads) under various categories, detail of which is given as under :

**a) STATE HIGHWAYS :**

The length of state highways by the end of Eighth Plan will be 4250 kms. out of which 3572 kms. length (excluding central roads) has been constructed by the end of March 1991. During the Eighth Plan period length of 150 kms. is proposed to be constructed and 250 kms. are proposed to be metalled and tarred.

**b) RURAL ROADS AND MINIMUM NEEDS PROGRAMME INCLUDING SPECIAL COMPONENT PLAN ROADS :**

According to National policy, all villages having population of 1500 and above and 50% villages of population 1000-1500 are to be connected with all weather motorable roads by the end of Seventh Five Year Plan. In Himachal Pradesh 178 out of 196 (90.82%) villages having 1500 and above population and 214 out of 263 (81.37%) villages of 1000-1500 population were connected by March, 1991 whereas target of connecting 50% villages of 1000-1500 population group has been achieved. Out of balance 18 villages only 10 villages of 1500 and above population will be connected during the Eighth Plan.

Being hilly region, villages in Himachal Pradesh are small and scattered and composition of its villages is as under :

Category of Villages	Villages in H.P.		All India Percentage
	Number	Percentage	
1.	2.	3.	4.
a) Above 1500 population	196	1..17%	12.0%
b) 1000 - 1500 population	263	1.56%	9.5%
c) 500 to 1000 population	1244	7..40% )	
d) 200 to 500 population	4560	27..13% )	78.5%
e) Less than 200 population	10544	62..74% )	
<b>Total</b>	<b>16807</b>	<b>100..00%</b>	<b>100.00%</b>

Whereas at National level, under Minimum Needs Programme 16.7% villages falling in 1st two categories will get connected, only 1.74% such villages get connected under these norms in Himachal Pradesh by the year 1990. For providing equivalent coverage of connection of villages under MNP in a hilly state like Himachal Pradesh where 98% villages do not fall under these norms, atleast 50% villages having population of 200 to 500 and all villages having population of 500 and above should be connected by motorable roads by the end of March, 1995 which will provide coverage to 23.7% villages.

A special programme for construction of roads to connect predominantly scheduled caste population villages was launched in Himachal Pradesh from the year 1981-82. There are 2499 predominantly scheduled caste villages having more than 50% scheduled caste population. Work on 405 Rural Roads having



length of 7300 Kms. for connecting 957 predominantly scheduled caste villages has been initiated out of which 4856 Kms. motorable roads connecting 550 such villages have been made motorable by March, 1991.

During the year 1991-92 a length of 40 kms. has been proposed to be added and during 1992-93 a target of constructing 50 kms. has been kept.

**c) ROADS OF INTRA STATE ECONOMIC IMPORTANCE :**

It is proposed to improve the following roads of intra state economic importance by widening/strengthening the existing lane to double lane and providing necessary cross-drainage and Metalling/Tarring during the Eighth Plan for which a provision of Rs. 38.70 crores will be earmarked including the provision for important works within the State Capital Scheme e.g. parking places, widening of narrow reaches etc. During the Annual Plan 1992-93 an outlay of Rs. 5 crores will be earmarked for these works :

Sr.No.	Name of Roads	Length in Kms.
1.	Mehatpur to Dehra road	75 Kms.
2.	Kala Amb to Nahan	18 Kms.
3.	Rajgarh Nehri-Sainj road	44 Kms
4.	Brahmpukhar-Ghages-Haritalyangar-Bhota, Hamirpur Nadaun-Jawalamukhi-Ranital road.	151 Kms.
5.	Nadaun-Jawar-Amb Road	38 Kms.
6.	Palampur-Sujanpur-Hamirpur Bhota-Jahu-Kallehar road.	106 Kms.
7.	Theog-Kotkhai-Hatkoti road.	70 Kms.
<b>TOTAL :</b>		<b>502 Kms.</b>

These roads are the main arteries of State Highway network and their upgradation/strengthening of pavement etc. to cater for the traffic needs is proposed to be undertaken during the five year plan on project basis.

**d) RURAL ROADS :**

Total motorable road length to connect 12347 villages excluding isolated villages has been worked out which comes to about 30500 kms. Out of this about 20800 kms/ length is exclusively rural roads (except state highways and central roads). Upto 3/91, 12395 kms. length of rural roads has been constructed.

During the Eighth Plan, 1600 kms. length of rural roads is proposed to be constructed in whole of the state including tribal and predominantly scheduled caste areas.

During the year 1991-92 a target of 270 kms. length of rural roads will be achieved and during 1992-93 a target of 285 kms. length has been proposed.

#### 5. EIGHTH FIVE YEAR PLAN (1992-97)

An outlay of 329.60 crores including 3 crores for Cableways for the Eighth Plan has been proposed. The sub-head wise break-up of the proposed outlay are given as under :

(Rs. in Lakh)

Sr. No.	Sub-Head	Special Component Plan	Backward Area Sub-plan	Other than Tribal Area	Tribal Area Sub-Plan	Total	M.N.P.
1.	2.	3.	4.	5.	6.	7.	8.

#### I. ROADS AND BRIDGES

##### I. DIVISIBLE

1. Rural Roads under M.N.P.	1715	730	2760	1445	6650	)	
2. Rural roads in special disparity area	200	100	200	--	500	)	9150
3. Compensation of land under M.N.P.	600	85	1215	100	2000	)	
4. Distt. & other rural roads	--	--	1450	--	1450	)	
5. Compensation of land	--	--	200	--	200	)	
Sub-Total-I :	2515	915	5825	1545	10800	)	

##### II. INDIVISIBLE

1. State Highways	--	--	1300	200	1500	)	
2. State priority works	--	--	400	--	400	)	
3. Major bridges costing more than Rs.25 lakh	--	--	1625	375	2000	)	
4. Bridges costing Rs.5 lakh to Rs.25 lakh	--	--	2010	490	2500	)	
5. Improvement of geometrics	--	--	25	--	25	)	
6. Strengthening of crust	--	--	50	--	50	)	
7. Inservice training	--	--	50	--	50	)	
8. Research and Development	--	--	120	--	120	)	

1.	2.	3.	4.	5.	6.	7.	8.
9. Investigation of roads and bridges		--	--	40	10	50	
10. Road side plantation		--	--	25	5	30	
11. Road side facilities		--	--	25	5	30	
12. Minor works		--	--	125	25	150	
13. Repairs to roads and removal of snow		--	--	2000	500	2500	
14. C/o mule/ pedestrian crossings		--	--	45	10	55	
15. Roads taken from Zila parishads		--	--	10	--	10	
16. Machinery							
a) Repayment of HIMFED Loan	)	--	--	1055	300	1355	
b) Tools & Plants	)						
17. Establishment		--	--	5915	800	6715	
18. Intra-State eco. imp. roads & imp. works within the State Capital, Shimla e.g. parking places, widening of narrow reaches etc.		--	--	3870	--	3870	
19. PWD workshop/ Nahan Foundry.		--	--	450	--	450	
Sub-Total-II :		--	--	19140	2720	21860	
Grand Total Roads & Bridges		2515	915	24965	4265	32660	
2. Cableways / Ropeways		--	--	150	150	300	
Grand Total Roads & Bridges including Cableways/ Ropeways		2515	915	25115	4415	32960	

**Note :** Notional prorata adjustment has been made for SCP outlay i.e. total outlay for S.C.P. = 2515 + 1352 = Rs. 3867 lakh.

With the proposed outlay of Rs. 329.60 crore including Rs. 3 crore for cableways for the Eighth Plan (1992-97), the following targets are likely to be achieved.

Sr. No.	Item/Sub-Head of work	Unit	Target		Total
			Non-Tribal	Tribal	

1.	2.	3.	4.	5.	6.
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**A. ROADS & BRIDGES :**

i) Motorable Road.	Kms.	1610	140	1750
ii) Jeepable.	Kms.	120	50	170
iii) Cross-drainage.	Kms.	705	45	750
iv) Metalling & Tarring.	Kms.	850	50	900
v) Bridges.	Nos.	152	8	160

<b>B. CABLEWAYS.</b>	Kms.	30	20	50
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By construction of 1750 Kms. motorable road length during the Eighth Five Year Plan, road density of 34.75 Kms. per 100 Sq. Km. area will be achieved and 190 villages will be connected as per details given below :

Sr. No.	Category	Total No. of Villages	Villages connected by 3/92 (likely)	Target for Eighth Plan (1992-97)
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i.	2.	3.	4.	5.
a) 1500 & above population		196	180	10
b) 1000 - 1500 population		263	216	20
c) 500 to 1000 population		1244	819	30
d) 200 to 500 population		4560	2431	70
e) Less than 200 population		10544	3835	60

<b>Total</b>	<b>:</b>	<b>16807</b>	<b>7481</b>	<b>190</b>
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**Note :** Some more villages will be connected by cableways.

**Information for villages having population 1500 and above**

**I) To be connected during Eighth Five Year Plan.**

1.	Jamanabad	(Kangra)
2.	Sulial	(Kangra)
3.	Chalwara Khas	(Kangra)
4.	Rote	(Kullu)
5.	Buruwah	(Kullu)
6.	Bachher	(Kullu)
7.	Seraj	(Kullu)
8.	Tonan	(Kullu)
9.	Manjhli	(Kullu)
10.	Parli	(Kullu)

The information on the the villages yet to be connected having different ranges of population indicated in the above table at Sr. No. 2 to 5 is under compilation.,

**6. Annual Plan 1991-92 :**

The approved outlay for 1991-92 is Rs. 43.15 crore which includes Rs. 0.25 crore for cableways, Rs. 1.20 crore for Nahan Found-ry, work-shop and Rs. 3 crore for repairs and maintenance. With this investment the following targets are likely to be achieved by March, 1992 :

Sr. No.	Item of work	Unit	Target		Total
			Non-Tribal	Tribal	
1.	2.	3.	4.	5.	6.
<b>A. STATE ROADS :</b>					
1.	Single Lane.	Kms.	280	20	300
2.	Cross-drainage.	Kms.	120	5	125
3.	Jeepable.	Kms.	24	6	30
4.	Metalling & Tarring.	Kms.	144	6	150
5.	Bridges.	Nos.	29	1	30
6.	Villages to be connected	Nos.	22	3	25
<b>B. Cableways.</b>					
		Kms.	2	3	5

With the above achievements road density of 31.60 Kms. per 100 Sq. Kms. area will be achieved.

**7. DRAFT ANNUAL PLAN 1992-93 :**

For the Annual Plan 1992-93 an outlay of Rs. 53.05 crore which includes Rs. 0.50 crore for cableways, Rs. 0.90 crore for PWD workshop/Nahan Found-ry, Rs. 4 crore for repair and maintenance has been proposed. The sub-head-wise break-up of the proposed outlays are given as under :

(Rs. in Lakh)

Sr. No.	Sub-Head	Special Component Plan	Backward Area Sub-plan	Other than Tribal Area	Tribal Area Sub-Plan	Total	M.N.P.
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1. 2. 3. 4. 5. 6. 7. 8.

**I. DIVISIBLE**

1.	Rural Roads under M.N.P.	275	115	489	221	1100	)
2.	Rural roads in special disparity area	20	15	40	--	75	) 1465
3.	Compensation of land under M.N.P.	110	16	149	15	290	)
4.	Distt. & other rural roads	--	--	240	--	240	)
5.	Compensation of land	--	--	25	--	25	)
Total :		405	146	943	236	1730	)

**II. INDIVISIBLE**

1.	State Highways	--	--	220	30	250	)
2.	State priority works	--	--	75	--	75	)
3.	Major bridges costing more than Rs.25 lakh	--	--	310	60	370	)
4.	Bridges costing Rs. 5 lakh to Rs. 25 lakh	--	--	357	80	437	)
5.	Improvement of geometrics	--	--	5	--	5	)
6.	Strengthening of crust	--	--	10	--	10	)
7.	Inservice training	--	--	10	--	10	)
8.	Research and Development	--	--	15	--	15	)
9.	Investigation of roads and bridges	--	--	7	3	10	)
10.	Road side plantation	--	--	4	2	6	)
11.	Road side facilities	--	--	4	2	6	)
12.	Minor works	--	--	20	10	30	)
13.	Repairs to roads & removal of snow	--	--	310	90	400	)

1.	2.	3.	4.	5.	6.	7.	8.
14. C/o mule/ pedestrian crossings		--	--	7	3	10	
15. Roads taken from Zila parishads		--	--	1	--	1	
16. Machinery							
a) Repayment of HIMFED Loan		--	--	150	50	200	
b) Tools & Plants							
17. Establishment		--	--	980	120	1100	
18. Intra-State eco. imp. roads & imp. works within the State Capital. Shimla e.g. parking places, widening of narrow reaches etc.		--	--	500	--	500	
19. PWD workshop/ Nahan Foundry.		--	--	90	--	90	
<b>Total</b>	:	--	--	3075	450	3525	

Grand Total							
Roads & Bridges	405	146	4018	686	5255		
2. Cableways / Ropeways		--	--	25	25	50	
Grand Total							
Roads & Bridges including Cableways/ Ropeways	405	146	4043	711	5305		

**Note :** Notional prorata adjustment has been made for SCP outlay  
i.e. total outlay for S.C.P. = 405 + 217 = Rs. 622 lakh.

There are deficiencies in the existing road system as only 44.20% existing roads have cross drainage and 37.84% roads are metalled and tarred by March, 1991. As such during the year 1992-93 more thrust will be on providing cross drainage and metalling and tarring.

With the proposed outlay of Rs. 5305 lakh for roads and bridges i/c Rs. 50 lakh for cableways during the year 1992-93, following targets are likely to be achieved :

Sr. No.	Item/Sub-Head of work	Unit	Target		Total
			Non-Tribal	Tribal	
1.	2.	3.	4.	5.	6.

**A. ROADS & BRIDGES :**

i) Motorable Road.	Kms.	290	25	315
ii) Jeepable.	Kms.	20	10	30
iii) Cross-drainage.	Kms.	124	6	130
iv) Metalling & Tarring.	Kms.	152	8	160
v) Bridges.	Nos.	29	1	30

**VILLAGES TO BE CONNECTED :**

a) 1500 & above population	Nos.	2	-	2
b) 1000 - 1499 population	Nos.	2	-	2
c) 500 to 1000 population	Nos.	3	1	4
d) 200 to 500 population	Nos.	9	1	10
e) Below 200 population	Nos.	6	1	7

<b>Total :</b>		<b>22</b>	<b>3</b>	<b>25</b>
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<b>B. Cableways</b>	<b>Kms.</b>	<b>2</b>	<b>3</b>	<b>5</b>
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With the above achievements road density of 32.16 Km. per 100 Sq. Kms. area will be achieved.



### 3. ROAD TRANSPORT :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	2908.28
Annual Plan actual expenditure	(1990-91)	742.04
Annual Plan approved outlay	(1991-92)	890.00
Annual Plan anticipated exp.	(1991-92)	890.00
Annual Plan proposed outlay	(1992-93)	1189.00
Eighth Plan proposed outlay	(1992-97)	7575.00

Himachal Pradesh is hilly terrain and road transport is the only source of transportation of goods as well as passengers in the State excepting two narrow gauge railway lines from Kalka to Shimla and Pathankot to Jogindernagar. Transport department is thus playing a very vital role in the progress and economic development of the State. While goods are carried by the private operators through public carriers, passenger transport is mainly provided by the H.R.T.C. which is a State Government undertaking. It is, therefore, highly essential to strengthen the passenger transport services in the State as also to issue more permits to the operators for pl-ying of more public carrier vehicles for providing adequate transport facilities in the State. At present the regular activities include enforcement of Motor Vehicles Laws /Rules in the State and collection of taxes and the Motor Vehicle Act/Rules and H.P. Motor Vehicles Taxation Act/Rules made there under. Besides Secretary, State Transport Authority, Himachal Pradesh Shimla, two Regional Transport Officers, stationed at Shimla and Dharamsala. Registration, periodical inspection, realisation of taxes and the passing of vehicles is done by the Sub-Divisional Magistrates in their ex-officio capacity as Registering and Licensing Authorities. As the vehicle population is increasing year after year and the registering and licensing authorities are finding it difficult to cope with the increased work due to paucity of staff, it is highly essential to strengthen departmental strength of the staff and also to provide some staff to the Registering and Licensing Authorities.

Under Road Transport head, the actual expenditure incurred during the Seventh Five Year Plan (1985-90) was of the order of Rs. 29.08 crore. During the year 1990-91 Rs. 7.42 crore was spent on different schemes and against this, an amount of Rs. 8.90 crore has been provided during the year 1991-92 under this head of development. For the Annual Plan 1992-93, an outlay of Rs. 11.89 crore and for the Eighth Plan an outlay of Rs. 75.75 crore has been proposed.

The schematic details are, as under :

#### I. Transport Department :

##### 1. R.T.A. Mandi :

A new office of RTA Mandi was opened in 1988 to meet with the long outstanding public demand in view of gradual and anticipated expansion of the public Transport system. The said

office was provided with skelaton staff to start with but with the passage of time and in view of increased activities of the office, full strength of staff infrastructure for the office is considered inevitable. In order to make this functional it is of utmost importance to provide full staff strength as also to provide Jeep to Regional Transport Officer so as to enable him to discharge his duties effectively and efficaciously. It is proposed to create 4 new posts i.e. Driver, Peon, Chowkidar and Sweeper. For the the purpose an outlay of Rs. 5 lakh has been kept for the year 1991-92. Against this, an outlay of Rs. 8.10 lakh has been proposed under this scheme for the Annual Plan 1992-93. For the Eighth Plan (1992-97) an outlay of Rs. 125 lakh has been proposed for the following schemes :

1. R.T.A. Office Mandi.
2. Establishment of Check Barriers.
3. Flying Squads.
4. Adviser Transport Office expenditure.
5. Strengthening of Staff at Headquarters.
6. Pollution Control Measures.
7. Road Safety Measures.
8. Computerisation.

## 2. Checking Barriers :

The proposal to set up checking barriers at appropriate places will go a long way in strengthening checking measures so as to discourage evasion of taxes. It is feared that Government is losing substantial amount of revenue for lack of adequate checking and such measures can help plug, such losses. It is proposed to create 3 posts each of Assistant Secretaries/ Inspectors and one Peon during the year 1992-93. In case all five big barriers i.e. Parwanoo, Damtal, Swarghat, Mehatpur and Paonta are approved to be manned during the next five year plan, then it is expected that an amount of Rs. 2 to 3 crore directly and indirectly will be earned. The expenditure and revenue ratio of these barriers will be approximately 1:10 to 1:15. From the above it is quite clear that creation of these barriers is worth consideration and will give a big boost towards mobilisation of resources. For the Annual Plan 1992-93 an outlay of Rs. 3.50 lakh has been proposed for meeting the expenditure of staff and other office expenses.

## 3. Mobile Courts/Flying Squads :

The Government has already agreed in principle to set up three mobile courts one for each of the three regions.

The experience indicates that there is frequent infringement of Motor Vehicles Act/Rules by unscrupulous operators and considerable evasion of tax/fees is feared. The authorised checking Officers presently find little time for field checking as they are sufficiently engaged with their office activities. Any further lack of adequate checking is likely to accelerate unwanted activities of such unscrupulous operations resulting in considerable loss of revenue to the State Exchequer. It is to plug such nefarious activities that the proposal is strongly

advocated. It is estimated that the increases in Government revenue by way of fines and penalties as also increase in non-payment of Government dues among operators will be manifold as compared to the expenditure involved in the implementation of the proposal in question. An outlay of Rs. 5 lakh has been kept for the year 1991-92. A sum of Rs. 5.75 lakh has been proposed for the year 1992-93.

#### **4. Adviser Transport and Agriculture :**

It is continuing scheme. The State Government has appointed Adviser for Transport and Agriculture to study and recommend measures for improvement in existing Transport services especially concerning perishable Agricultural Produce. The provision of funds under the scheme represents expenses on honorarium and TA/DA for the Adviser. For the purpose a provision of Rs. 0.50 lakh has been kept for the year 1991-92. For the Annual Plan 1992-93 Rs. 0.50 lakh has been proposed.

#### **5. Strengthening of Staff :**

Consequent on the fervent requests and convincing pleading of the Deptt. the Administrative Reforms Unit of the State studied and minutely examined the working requirement of the offices so as to bring about efficiency as also to alleviate the over burden on the existing staff. The said unit conclusively recommended the additional posts of various categories. It is, therefore, proposed to implement the recommendation of the ARU. New Motor Vehicles Act has put more burden on staff and necessitates creation of more posts in addition to what was recommended by the A.R.U. An outlay of Rs. 5.06 lakh has been kept for the Annual Plan 1991-92 and Rs. 8.50 lakh has been proposed for the year 1992-93 for the strengthening of staff.

#### **6. Pollution Control Measures :**

Of late it has been observed that level of pollution in the lower atmosphere is alarmingly increasing, creating a dangerous position as far as environmental safety is concerned. The plying of defective vehicles emitting lot of unburnt hydro-carbons is one of the major causes polluting the air. It has, therefore, been decided to exercise a frequent check on the vehicles with regard to emission of smoke and resist their plying till these are brought to national standard. For this purpose smoke meters and gas analysers are proposed to be installed at appropriate places besides the mobile ones. An outlay of Rs. 0.50 lakh has been kept for the year 1991-92. For the Annual Plan 1992-93 an outlay of Rs. 2.50 lakh has been proposed.

#### **7. Imparting Education on Road Safety Measures :**

According to the recommendation of the Road Safety Council, at least, 1% of the total income accruing from the Road Transport should be spent on educating public about various safety measures and norms.

Day after day, the incidence of accidents is increasing. There are many reasons for the increase of accidents. There is a need to impart education to the people to undertake safety measures. For this purpose, set of audiovisual, radio talk, distribution of literature of road safety has to be resorted to. Similarly, many people drive the vehicles under the influence of liquor and other drugs. In order to take these manage, use of breath-analyser is proposed to be taken. Also the department proposes to conduct orientation/refresher courses for drivers belonging to private sector. However, there are lot of safety measures which can be taken but keeping in view the financial constraints, it is proposed to spend a sum of Rs. 1 lakh during the Annual Plan 1992-93.

#### **8. Computerisation :**

The Government after thoughtful consideration decided to go in for computerisation in the department which will help speedy and accurate maintenance of various data and statistics of surface transport for gauging future trends and requirements. The computer hard and software for the purpose has already been purchased and it is being brought to use shortly. However, a properly trained computrist for efficient operation could not be provided with the result that it may not be possible for the department to fully utilise, the capacities of the computer. It is, therefore, proposed to provide for the services of a trained/qualified computer operator besides the running expenses for its maintenance. An outlay of Rs. 1 lakh has been kept for the year 1991-92. For the Annual Plan 1992-93 an outlay of Rs. 1.15 lakh has been proposed for the purpose.

#### **1(a) Construction of Bus Stands/Rain Shelters/Office Building :**

The Government of Himachal Pradesh has decided to provide appropriate basic amenities to the passengers and this Department is therefore financing the construction of Bus Stands and Rain Shelters in the Pradesh through HP, PWD & HRTC. The criteria fixed for providing Bus Stands in the Pradesh is as under :

1. State Headquarters.
2. District Headquarters.
3. Sub Divisional Headquarters.
4. Assembly assurances.
5. Places of importance.

The scheme came to be entrusted to this Department in the beginning of Seventh Five Year Plan and a sum of Rs. 2 crore stood allotted for this plan. As yet 3 District Headquarters are without Bus Stands, namely Solan, Lahaul & Spiti and Kinnaur. The proposals have been made to construct Bus Stands at the above District Headquarters. At present work of 35 Bus Stands is going on in the Pradesh. Many more Bus Stands are likely to be taken-up during the Eighth Five Year Plan period.

### **Rain Shelters :**

No criteria is fixed for the Rain Shelters. However, HP PWD is also one of the agencies to provide such shelters on National Highways and other roads.

#### **(b) Inter State Bus Terminus Shimla.**

Government has proposal to construct Inter State Bus Terminus at Shimla which has been finalised. The land for this Bus Stand has been indentified at Tutikandi. This is quite huge project where in the modern amenities and facilities have to be provided to the passengers and crew of the vehicles. This bus stand will have parking complex also.

#### **(c) Office Building :**

All the offices of the department including the head office are presently housed in rented buildings. Since these are public dealing offices, a large number of people visit these offices daily but due to lack of adequate space and other facilities such as waiting rooms, toilets and shelter etc., the people have to face considerable inconvenience and uneasiness. The impression of this office is also impaired. Besides, the working staff is also deprived of the genuine facilities available to their counterparts in other offices housed in Government accommodation which causes a constant heart burn telling adversely upon their efficiency and capacity. Moreover, with the over increasing activities of the department, additions to existing staff becomes inevitable and in the absence of additional accommodation in the hired building, the congestion becomes unbearable. The present accommodation hired in January 1975 is miserably insufficient for the present needs. The Department being a permanent entity bringing considerable revenue to the Government annually deserves some better consideration. Besides, the Government will be saving revenue expenditure to the extent of rental charges. It is, therefore, proposed to construct office building in the phased manner during the Eighth Plan period.

To implement the above schemes, an outlay of Rs. 72 lakh has been provided during the year 1991-92. Against this, an outlay of Rs. 75 lakh for the Annual Plan 1992-93 and an outlay of Rs. 450 lakh for the Eighth Plan has been proposed under this scheme.

### **II. Investment in H.R.T.C. :**

The Himachal Road Transport Corporation is an Undertaking which is providing efficient co-ordinated Transport Services to the people of the Pradesh and playing an important role in the economy of the country. This Corporation has three schemes in the plan outlay i.e. purchase of vehicles, purchase of machinery and construction of buildings.

During the year 1987-88, the State Government contribution was Rs. 1120 lakh and Central Government contribution was Rs. 185 lakh. There should have been increase in the same during the subsequent years. But, the Central Government has totally discontinued its contribution to HRTC from the year 1988-89 and the State Government contribution also reduced to Rs. 506 lakh in 1988-89 and further to Rs. 325 lakh during the year 1989-90. Although there is slight increase in State Government contribution from 1990-91, yet to cover-up the back-log and normal ratio of replacement of oldage buses and normal growth etc. more funds from State Government are needed.

The actual expenditure incurred as a investment in HRTC was of the order of Rs. 2639.34 lakh during the Seventh Five Year Plan (1985-90). During the Annual Plan 1990-91 Rs. 680 lakh was spent and against this, an amount of Rs. 800 lakh has been provided for the year 1991-92. For the Annual Plan 1992-93, an outlay of Rs. 1083 lakh has been proposed out of the total amount of Rs. 7000 lakh proposed for the entire Eighth Plan (1992-97). The schematic details of these proposed outlays are as under :

(Rs. in Lakh)				
Sr. No.	Name of Scheme	Requirement under 8th Five Year Plan (1992-97)	Approved Outlay for the year 1991-92.	Requirement for 1992-93 Annual Plan
1.	Purchase of 1179 buses @ Rs. 5.30 lakh per bus.	6250	710	933
2.	Purchase of Machinery	250	40	45
3.	Construction of Buildings.	500	50	105
Total :		7000	800	1083

#### STRATEGY FOR THE EIGHTH FIVE YEAR PLAN

Road Transport constitute the very life-line of economy in the mountainous State of Himachal Pradesh as any scope for other machinised mode of Transport in the Pradesh is very limited. Rail facilities are only nominal and development of this mode of Transport is hardly possible to any appreciable extent. Therefore, to boost the economy of the Pradesh and to remove the Inter-State imbalances, it is very essential that Road Transport facilities reach every nook and corner of the Pradesh so that the produce of Himachal Pradesh State can reach the market with speed and safety and that the general public of the Pradesh are

provided with Road Transport facilities. The operation in hilly areas is difficult and there is excessive wear and tear due to steep gradients, narrow curves and difficult terrains. The average life of a bus is only 5 lakh Kms. which is less than that obtained from a bus in the plains. Due to inadequate availability of funds, it has not been possible to replace equal number of vehicles that had become overaged. It is needless to emphasize that plying of overaged bus is not free from risk as accidents in hills are almost always fatal. The replacement of overaged vehicles is essential so as to avoid accidents and to run the public utility service efficiently. Moreover, the running expenses of the overaged vehicles are very high as compared to other vehicles, adequate allocation for replacement is therefore, absolutely essential. It is pointed out here that 1179 buses (1017 buses for replacement and 162 buses for normal growth) will be purchased during the next five year plan out of the total funds proposed in case the cost of bus will not increase from Rs. 5.30 lakh per bus. No funds are available for purchase of cabs (for replacement and normal growth) for efficient maintenance of fleet and for providing facilities to the travelling public. The scheme-wise and Year-wise financial and physical proposed targets for the Eighth Plan period are as under :

Sr. No.	Year	Purchase of Buses @ Rs. 5.30 Lakh per bus (Nos.)	Proposed Outlay (Rs. in Lakh)	Purchase of Machinery (Rs. in Lakh)	Construction of Buildings (Rs. in Lakh)
1.	1992-93	176	933.00	45.00	105.00
2.	1993-94	213	1128.90	48.00	96.00
3.	1994-95	236	1250.80	50.00	98.00
4.	1995-96	259	1372.70	52.00	100.00
5.	1996-97	295	1564.60	55.00	101.00
Total		: 1179	6250.00	250.00	500.00

#### 4. INLAND WATER TRANSPORT :

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	22.23
Annual Plan actual expenditure (1990-91)	1.44
Annual Plan approved outlay (1991-92)	2.00
Annual Plan anticipated exp. (1991-92)	2.00
Annual Plan proposed outlay (1992-93)	6.00
Eighth Plan proposed outlay (1992-97)	37.00

In order to regulate the Water Transport Services on a uniform pattern throughout the State and to help and encourage private ferry operators to ensure safety measures and to bring improvement in their existing ferries, it is essential to subject

all ferries in the State to "State Ferry Rules" and to improve/construct the ghats on the coast of various water resources/lakes etc. in the State. The private ferry operators also need to be helped and encouraged by providing subsidies for adopting various safety measures in their boats to ensure safer transport of passengers/goods through the water ways.

During the Seventh Five Year Plan (1985-90) the actual expenditure incurred under this head was of the order of Rs. 22.23 lakh. During the year 1990-91, Rs. 1.44 lakh was spent and against this an amount of Rs. 2 lakh has been approved for the year 1991-92. For the Annual Plan 1992-93, Rs. 6 lakh and for the Eighth Plan an outlay of Rs. 37 lakh has been proposed under this head of development.

The schematic details are as under :

**1. Staff :**

An office assistant and atleast four ferry Inspectors are required to look after licensing work and inspection of ferry boats on various ferries spread over the Pradesh. The necessary provision for their salaries and incidentals have to be made. A sum of Rs. 14 lakh has been proposed in the Eighth Plan out of which Rs. 2 lakh will be utilised during the year 1992-93. An outlay of Rs. 1.50 lakh has been kept for the year 1991-92.

**2. Survey & Investigation :**

To explore additional points and scope of development of existing spots on the basis of latest research and technology, it is proposed to undertake extensive study by experts. A sum of Rs. 3 lakh has been proposed for the Eighth Plan and Rs. 1 lakh for the Annual Plan 1992-93 respectively.

**3. Improvement of Ghats :**

The Ghats already under progress need to be completed and some old ghats need be improved and brought up-to date. The proposal for construction of floating Ghats on the Govind Sagar lake and Pong Dam will be got examined and if found technically feasible, the construction work of such ghats will be taken in hand to provide maximum benefit to the people of the surrounding areas. Besides, such ghats will provide joy rides in the lakes to attract tourists. A sum of Rs. 20 lakh has been proposed for Eighth Plan. Against the anticipated expenditure of Rs. 0.50 lakh during 1991-92, an outlay of Rs. 3 lakh has been proposed for the Annual Plan 1992-93.



5. OTHER TRANSPORT SERVICES :

(a) INTER-MODEL TRANSPORT :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	2.31
Annual Plan actual expenditure	(1990-91)	--
Annual Plan approved outlay	(1991-92)	5.00
Annual Plan anticipated exp.	(1991-92)	5.00
Annual Plan proposed outlay	(1992-93)	10.00
Eighth Plan proposed outlay	(1992-97)	50.00

In view of limited land available in cities, the scope of additional roads/bypasses within the cities is impossible. The existing roads being already ever-crowded, it is imperative that some alternate means for atleast pedestrians be explored. It is, therefore, proposed to go in for the construction of lifts/Ropeways etc. at focal points to alleviate the unbearable rush on existing roads/paths. Accordingly financial provision has been made for detailed study for the possibility and investigation purposes.

Under this head of development Rs. 2.31 lakh were spent during the Seventh Five Year Plan (1985-90). No expenditure was incurred during the year 1990-91. During the year 1991-92, an outlay of Rs. 5 lakh has been approved which will be utilised in full. For the Annual Plan 1992-93, an outlay of Rs. 10 lakh and for the Eighth Plan an outlay of Rs. 50 lakh has been proposed for the implementation of different schemes under this head of development.

**VIII. TELE-COMMUNICAITON :**

		(Rs. in Lakh)
Annual Plan actual expenditure	(1990-91)	51.78
Annual Plan approved outlay	(1991-92)	50.00
Annual Plan anticipated exp.	(1991-92)	50.00
Annual Plan proposed outlay	(1992-93)	92.00
Eighth Plan proposed outlay	(1992-97)	510.00

At present there is Telephone Exchange at Kalpa. Presently, the tele-communication link between Shimla and Kalpa and with other places in Kinnaur district (viz. Nichar, Moorang, Pooh, Yangthang, Peo and Sangla) is through wireless telegraphy circuits. There is a proposal to link Shimla with Kalpa through radio telephone circuit. The P&T Department has approved the provision of Earth Satellite system for Kalpa and Keylong. The P&T Department is also considering the proposal to install telephone exchanges at Keylong also.

Under this head of development an expenditure of Rs. 51.78 lakh was incurred on different schemes during the Seventh Plan and against this an amount of Rs. 50 lakh has been provided for the year 1991-92 which will be utilised in full. For the Annual Plan 1992-93, an outlay of Rs. 92 lakh has been proposed out of the total outlay of Rs. 510 lakh proposed for the Eighth Plan under this head.

## IX. SCIENCE, TECHNOLOGY & ENVIRONMENT :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	63.68 )*
Annual Plan actual expenditure	(1990-91)	21.00 )
Annual Plan approved outlay	(1991-92)	50.00
Annual Plan anticipated exp.	(1991-92)	50.00
Annual Plan proposed outlay	(1992-93)	80.00
Eighth Plan proposed outlay	(1992-97)	430.00

### 1. Scientific Research including Science & Technology :

The importance of Science and Technology to the economic development was recognised in the country quite early; mainly because of Pt. Jawaharlal Nehru's strong commitment for utilising Science and Technology in all our national efforts. It is felt that there is now a reservoir of expertise well acquainted with most modern and advanced S&T for basic and applied areas in India. The operational strategy for the Seventh Plan was identified as comprising the following steps :

Preparation of an inventory of the existing Science and Technology institutions available in the State.

Pre-empt of larger share of plan allocation for the Science and Technology effort for the Seventh Plan as compared to earlier plans in all relevant sectors.

Establishment of the Science, Technology and Environment Department in the States as also strengthen the infrastructure wherever necessary.

Ensure evolution of mechanism for co-ordination between Central and State agencies engaged in Research and Development effort as also develop suitable system for a close relationship between the pure and applied research to take the knowledge available in the laboratories to field.

Decentralisation of Planning process including the decentralisation of planning for Science and Technology.

Launching model experiments in various areas to evaluate the impact of S&T effort on development of the State.

Analyse regional imbalances in development and find ways and means - through science and technology effort to rectify them.

Identify voluntary agencies which could be of use in over all development and attempt close association with them by supporting their activities wherever found appropriate.

***Including Ecology and Environment***

The Himachal Pradesh Government initiated a comprehensive exercise on the above lines. A separate Department of Science & Technology was established alongwith the State Council for Science, Technology and Environments. The council was set-up under the Chairmanship of Chief Minister with the primary objectives of :

- a) Building up rural based technologies by upgradeing local village based skills.
- b) Popularisation of Science & Technology through educational programmes and demonstrations and
- c) Involvement of high technology research establishments of the Central Government for surveying and identifying and evaluating rich geo-climatic resources of the State.

#### Seventh Five Year Plan (1985-90)-Achievements

Though the Council was created in 1985 but it started effective functioning from April, 1987. The brief resume of the activities of Council during the short span of 2 and 1/2 years is as under :

Dissemination of science in rural areas by holding regular vigyan melas.

Constitution of five technical task force to consider and suggest measures for improving the Horticulture Industries in the State.

Setting up of task forces to study ways and means for locating and exploiting the mineral wealth of the State and for conducting an indepth study regarding the problems of vegetables growers.

Conducting a study of the health problems of the tribal areas of the State for suggesting measures of health promotion.

The Council has also been entrusted with the responsibility of establishing a Remote Sensing Application Centre in Himachal Pradesh. A small Cell has already been set-up for this purpose. The Department of Space, Government of India is assisting us in this task.

At the request of the Council, Scientists of the Department of Atomic Energy, Government of India have prepared and submitted a proposal indicating high technology schemes that could be taken-up by the State Government with the assistance from the Department of Atomic Energy. The State Government has evinced interest in the following projects :

Food irradiation technology for increasing the shelf life of fruit and improving quality of timber.

Nuclear Medicine Centre.

Application of isotopes in Agriculture and Hydrology.

Three Working Groups were set-up by the State Government jointly with the Department of Atomic Energy for working out the financial and manpower inputs required for the proposed programmes. These reports have been submitted to the Department of Atomic Energy, Government of India.

The State Council has organised following workshops/Seminars:-

1. Audio-Visual Presentation on Remote Sensing
2. Workshop on Earthquake Disaster Mitigation.
3. Workshop on Remote Sensing Applications and its relevance to Himachal Pradesh State.
4. Celebration of National Science Day.
5. Regional workshop on IRS-I. A Mission and its relevance to H.P. State.
6. NCSTC-AIR joint workshop
7. Celebration of World Environment Day.
8. Workshop on NCSTC net work proposal
9. One day State Level Orientation Workshop on ground water exploration and low cost technology for drinking water.
10. Training Workshop on Explaining Miracles by Sh. B. Premanand
11. Workshop on Science Based Development of Himachal Pradesh in the field of Bio-technology.
12. Workshop on Management of Roads in Hilly Areas with particular reference to District Kinnaur of Himachal Pradesh.
13. Environment Improvement and village development camps at Khajiar in Chamba District, Sahora in Kangra District and Bharnu in Shimla District.
14. Repair and maintenance of India Mark II and III handpumps training programme at J/Mukhi, Palampur and Sundernagar.
15. Training-cum-demonstration programme for laying LDPE film in water harvesting structure at Nalagarh.
16. National Seminar on Angora Rabbit farming at Palampur.
17. Students Scientists meet programme at Palampur.
18. Mobile Science Exhibitions for school students in the State.
19. Workshop on low cost teaching aids for school teachers at Shimla.
20. Floriculture popularisation programme for progressive farmers at Palampur.
21. Seminar on use of Plastics in Agriculture at Shimla.

While sophisticated and high technology is necessary to sustain development effort, our rural areas have to be constantly nurtured and nourished through innovative and appropriate technology.

The Council has already made a modest beginning in the transfer to appropriate technology for rural development. This includes our programme of water management in water scarcity areas by excavating water storage ponds and lining them with LFDE film to prevent seepage losses.

Other activity undertaken by us is towards improving the efficiency of our traditional grain grinding watermills, the GHARATS. This involves the replacement of the conventional wooden turbines by a more efficient metallic turbine and by channelising water through a storage tank so that the gharat remains operational even with reduced supply of water. There has been an enthusiastic response to the two units installed by the Council at Nerwa in Chopal Sub-Division and demand for more such units is coming in.

The Council is also working on a scheme for raising drought resistant fodder grasses on the "GHASNIES" of the State. One pilot project is already under execution at Bhattakufer village near Shimla where the local people have handed over four hect, of land to the Council for this purpose. This pilot project was also visited by officials of the Planning Commission and was greatly appreciated.

The Council in a bid to popularise Science and Technology and creating scientific temperament among school children, launched a massive programme of holding science Melas in Schools. The melas have been organised at the Block Level. Selected items were displayed at the District level and then at the State level. The whole process of holding of Science Melas culminated at the National Science Day. These melas gave equal opportunity to the students of Rural and Urban areas.

Other projects taken-up by the council include preparation of a management action plan for conserving some selected lakes of the State, popularising the construction of low cost and fire retardant buildings, harvesting of rain water and improvement of sanitation in schools and many more. We are receiving assistance from the Union Ministry of Environment Department of Science and Technology, Government of India, Central building Research Institute UNICEF and CAPART in these projects.

Despite all these efforts, fruit of science and technology have not reached the bulk of people who are still illiterate, below poverty line and without access to drinking water, proper sanitation and adequate shelter.

#### Proposal for Eighth Five Year Plan-1992-97

Taking into consideration the directives contained in the approach paper to the Eighth Five Year Plan, the Council has prepared the plan for carrying out activities aimed at poverty alleviation water management and land use in additon to technology dissemination, and scientific awareness.

These programmes are exclusively aimed at the benefit of rural poor. During the year 1991-92, an amount of Rs. 50 lakh has been approved under this head for the implementation of different schemes. Against this, an outlay of Rs. 80 lakh for the Annual Plan 1992-93 and Rs. 430 lakh for the Eighth Plan has been proposed under this head of development. The detailed projects/schemes proposed to be undertaken by the Council during the Eighth Plan (1992-97) are as under :

## **1. Remote Sensing :**

The Himachal Pradesh Remote Sensing Cell has started functioning since March, 1989. This Cell is organising its activities to accomplish the following objectives in the field of land use :

- a) To create centralised facility and infrastructure for the use of all potential users
- b) To create an effective information base for optimum planning.
- c) To provide specialised assistance to various user agencies.
- d) To impart training and education in the use of Space Technology

During the Eighth Five Year Plan, this cell proposes to undertake the following activities :

1. Land use/land cover mapping
2. Preparation of Hydrogeomorphological maps.
3. Preparation of Geological maps indicating prospective mineral locations.
4. Temporal assessment of snow-cover and snow-melt.
5. Integrated district level planning using Geographical Information System (GIS) approach.
6. Extensive training education and awareness campaign.
7. Research and Development Activities.
8. Consultancy Services

### **i) Land Use/ Land Cover Mapping :**

One of the basic input required for an effective agricultural plan is the availability of authentic landuse maps. In order to prepare agricultural plan for the country as a whole, Planning Commission has decided that land use maps at 1:250:000 scale should be prepared using satellite data. The Himachal Pradesh Remote Sensing Cell has been entrusted the job of preparing such maps for the entire State of Himachal Pradesh. Action has been initiated to procure satellite data and other collateral information required for the preparation of land use maps. The job of preparing landuse/landcover maps for each district on 1:250:000 scale using satellite data of two seasons namely, Kharif and Rabi will be completed by 1993. The preparation of such regional maps will be completed during first phase. In the second phase Remote Sensing Cell will take-up the

job of preparing detailed district-wise maps at 1:50:000 scale. These maps will be used for (i) understanding various elements of environment-its assessment and monitoring and (ii) for making optimal landuse plan for resource management.

#### **ii) Preparation of Hydrogeomorphological Maps :**

National drinking water mission in its first phase had indicated Kangra District as one of the problematic districts. Under this mission, emphasis was laid down on scientific management of water resources. For drinking water source finding, remote sensing data was considered as base information for subsequent geophysical surveys and drilling. Hydrogeomorphological mapping for the entire Kangra District was carried out using LANDSAT-TM data. Using these maps prospective location, potential features were also transferred on to 1:50:000 scale topographical maps. Getting information from the scientific approach adopted in 55 mini mission districts of the country, Technology Mission has decided to replicate this approach for all the districts of the country.

During the Eighth Five Year Plan, the remote Sensing Cell proposes to prepare detailed Hydrogeomorphological maps at 1:50:000 scale for all the Districts. These maps will indicate prospective locations for the development of ground water. In addition, sites will be identified where water harvesting structures could be constructed for the conservation of rain-water. Priority will be accorded to problem villages. This job will be completed in two phases. In the first phase preparation of Hydrogeomorphological maps at 1:250:000 scale will be completed. In the second phase Hydrogeomorphological mapping will be taken-up at 1:50:000 scale indicating potential locations around problem villages and also sites for constructing water harvesting structures.

#### **iii) Preparation of Geological Maps Indicating Prospective Mineral Locations :**

Remote Sensing data has been found to be of immense use in Geological and Geomorphological studies. The information extracted from satellite data has been used for mineral exploration and for various engineering^{and} geological applications. The State of Himachal Pradesh has been bestowed with all kinds of mineral deposits. Small traces of mineral deposits have been located in the remote and inaccessible areas of the State. During this plan period, the Remote Sensing Cell proposes to take-up a detailed analysis of multispectral, multitemporal and multi-resolution aerospace data to understand the control of mineralisation and to trace its regional continuity. Attempt will be made to identify potential zones where detailed ground investigations could be carried out. In addition, with the help of satellite images attempt will be made to understand the processes responsible for land slides and hence in taking preventive measures. The use of satellite images in planning communication means like roads and railways will also be assessed and demonstrated.



**iv) Temporal Assessment of Snow-Cover and Snow-Melt :**

One of the unique and outstanding advantage of Remote Sensing Technology is to provide temporal and repetitive information about the dynamic resources like snow-cover. During this period, this cell will take up the task of generating snow-cover maps, measure its aerial extent and will make repetitive assessment of snow-melt. This information will be provided to concerned departments engaged in managing major Hydroelectric projects in the State. The use of satellite data will be also made for inventoring glaciers, identifying various features of glaciers and snow fields.

**v) Integrated District Level Planning Using Geographical information System (GIS) Approach :**

Having generated multithematic base level information, the cell will take up the task of integrated district level planning. The information about various natural resources will be generated to make an integrated developmental plan for the District. This activity is proposed to be completed in two phases. In the first phase, model district will be taken up to generate methodology and approach on an experimental basis. After a proper validation, replication in other district will be done during the second phase.

**vi) Extensive Training Education and Awareness Campaign :**

Space Technology is new and to exploit its full potential, consistent training and education is required. For such purpose regular workshops, training, seminars and symposium will be organised.

**vii) Research and Development Activities :**

Space Technology is rapidly advancing and new area are being explored. For instance at present Remote Sensing Technology is exploiting visible 4 thermal parts of the electromagnetic spectrum. Satellite in the 90's will carry new Microwave Sensors. R&D activities will be initiated in all the areas of applications. Himachal Pradesh Remote Sensing will take up experimental project in collaboration with National Research Institutes.

**viii) Manpower and Office Expenses :**

For making a Remote Sensing Centre fully operational during the 8th Five Year Plan the following staff is required to be provided.

Sr. No.	Category / Post	1991-92 (Services of existing staff or the Council are being utilised)	No. of posts proposed	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1.	Head	1	1	1
2.	Scientific officer	1	1	5
3.	Senior Technical Asstt./ Junior Scientist	2	2	5
4.	Draughtsman	1	1	1
5.	Tracer	-	-	2
6.	Photo Technician	-	-	1
7.	Driver	1	1	2
8.	Field Assistant	-	-	3
9.	Section Officer	-	-	1
10.	Office Clerk	2	2	2
11.	Steno Typist	-	-	1
12.	Chowkidar	1	1	1
13.	Peon	1	1	2
14.	Sweeper	-	-	1
<b>Total :</b>		<b>10</b>	<b>10</b>	<b>28</b>

For the strengthening of Remote Sensing, an outlay of Rs. 10 lakh for the Annual Plan 1992-93 and Rs. 85 lakh for the entire Eighth Plan periods has been proposed.

## 2. Poverty Alleviation Programme :

### a) Low Cost Housing Structures :

The Council proposes to construct one low cost Housing Structure in each district except Bilaspur where one has already been constructed for the Primary School at Mangrot. The cost of one such structure would be Rs. 1 lakh. The total number of Seven to Eight buildings are proposed to be constructed in some of the remaining Districts during the Eighth Plan periods.

### b) Low Cost Construction Technology :

The Council is giving considerable importance to the low cost construction techniques which are suited to hilly terrain. People have mud structures built with thatched roof. But generally it is seen that mud plaster is not durable and thatched roof has the danger of getting fire. Now the Council with the collaboration of CBRI has constructed low cost houses at Dhaula Kuan and Bhagwan-pur near Kala Amb in Sirmour District. With a non erodable mud plaster and fire retardant thatched roof technique. This construction has found favour with local people and now they have started constructing their houses using this technology. The Council wants to do such construction in each district for demonstration purposes so that the rural people all over the State can adopt this technology.

**c) Programme for Introduction of True Potato Seeds (TPS) Technology :**

The Council organised a Workshop on Science Based Development of Himachal Pradesh in the field of Biotechnology in which the representative of International Potato Centre New Delhi also participated. He made a presentation on the use of Potato seeds as propagule to reduce the cost of production of potato. Director, Agriculture evinced interest in the programme. The council in collaboration with department of Agriculture intends launching the programme on popularising of TPS among the potato growers. It is proposed that in the beginning two experimental plots will be started one in lower hills and one in Lahaul-Spiti where the TPS technology will be used. The seeds will be procured from International Potato Centre, New Delhi. After looking to the success of these two experimental plots this experiment will be extended to other areas.

**d) Improvement of Seri-Culture :**

Though the State of Himachal has potential of producing good quality silk, yet it has not been able to compete with other States. The Council proposes to launch a scheme in collaboration with State Department of Industries with the following objectives:

- To increase production of silk.
- Develop high yielding silk work.
- Improvement of host plants through the use of Biotechnology.

The Council proposes to have liaison with department of Biotechnology New Delhi, Central Silk Board Bangalore, Seri-Bio-Tech Institute and others involved in the projects of improvement of silk and silk worm. This project will help in generating alternate source of employment to the rural people.

**e) Fruit Processing :**

The Eighth Plan approach paper aims at providing employment to the rural people. State is known as fruit bowl of the Country but due to non availability of fruit processing unit, lot of it gets destroyed there by resulting in loss of revenue to the State. The Council, in order to provide an alternate means of employment to the rural youth, plans to provide training for establishing small fruit processing units. This project will be carried out in collaboration with CFTRI Mysore, RRL Jammu and CSIR Palampur.

**f) Improved Technology for Leather and Leather Goods and use of Animal Waste and wool Weaving, Carding & Spinning :**

This project aims at upliftment and well being of scheduled castes and scheduled tribes population and women through the use of improved technology for production of leather and leather goods and wool. The technology for these has been developed by CSIR and the Council, proposes to popularise the same among the rural poor especially the SC/ST.

**g) Development of Fisheries :**

The State is bestowed with immense water sources. These have a large variety of fishes but these have not been exploited properly. Also there has been no concerted efforts to propagate the technology of pond fisheries. The Council in collaboration with State fisheries department intends training rural youth in this technology to usher in blue revolution in the villages of the State.

**h) Geo-Thermal Energy :**

The Pradesh has rich potential of geothermal resources as proved by G.S.I./State Geological wing along Beas river, Manikaran valley, Tattapani and Sumdoh area of Kinnaur District. The resource can provide energy for cold storage, and space heating etc.

Pilot Project on use of geothermal energy, is proposed to be taken-up in interior areas of the Pradesh.

**i) Cultivation of Medicinal Plants :**

The Council proposes to raise medicinal plants as a pilot project. To demonstrate, the possibility of large scale cultivation of medicinal and aromatic herbs in the following District will be explored

1. Chamba	1992-95
2. Shimla	1992-95
3. Mandi	1992-96
4. Kangra	1992-96
5. Kinnaur	1992-95

The Project will be of three years duration. The area for plantation will be one hectare in each District.

**List of the herbs proposed to be cultivated :**

1. Dioscorea	deltoidea
2. Solanum	laciniatum
3. Digitalis	lanata
4. Picrorhiza	Karrooa
5. Angelica	Gauca
6. Swrtia	Chirata
7. Valeriana	Sp.
8. Aconitum	heterophullum
9. Aconitum	chamanthum
10. Artemisia	sp.
11. Ejphedra	qeradiana
12. Podophyllum	hexandrum
13. Carum	carvi
14. Atropa	acuminata
15. Atropa	belladona

16. Hyocymus	niger
17. Jurinea	macrocephala
18. Acorus	calamus
19. Rauwolfia	Serpentina
20. Matricaria	chamomilla
21. Rheum	emudii

For the implementation of the above programme, an outlay of Rs. 9 lakh for the Annual Plan 1992-93 and Rs. 42 lakh for the Eighth Plan has been proposed.

### 3. Dissemination of Technology & Popularisation of Science :

#### a) Extension Cell at Polytechnic, Sundernagar :

The Council has set-up an Extension Cell at Polytechnic Sundernagar for undertaking Research and Development activities in appropriate technology. The cell is working in developing adopting the technology for the use of rural poor. Also the Cell is preparing the brochures in the form of working and repair and maintenance manuals of appliances being used in the rural sector. Training in the field of using, repair and maintenance of the appliances is also being provided by the cell. This will help in preparing a work force of rural youth to carry out the repairs/maintenance of the appliances usually used to the rural area. The cell is assisted by the following supporting staff with a technical officer :

1. Junior Engineer	1
2. Stenotypist	1
3. Peon	1

The position of the existing strength of staff of different categories and the additional staff required during the Annual Plan 1992-93 and Eighth Plan periods are as under :

Sr. No.	Name of the Post	Existing Strength 1991-92	Additional Staff required for	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1.	Chief Executive Officer	1	-	-
2.	Directors	-	2	2
3.	Principal Scientific Officers	3	-	-
4.	Senior Scientific Officers	4	-	-
5.	Scientific Officers/ Technical Officers	4	-	-
6.	Technical Assistants	1	1	1
7.	Draughtsman	1	-	-
8.	Assistant Librarian	1	-	-
9.	Section Officer	1	-	-
10.	Senior Scale Stenographers	2	-	1
11.	Junior Scale Stenographers	4	-	3

1.	2.	3.	4.	5.
12. Stenotypist		1	-	1
13. Assistants		3	-	2
14. Clerks		3	-	2
15. Drivers		5	1	3
16. Computer Operator		1	-	-
17. Data Entry Operator		-	1	1
18. Xerox Operator		1	-	-
19. Helper-cum-Ferns		7	-	9
20. Chowkidars		2	-	-
21. Junior Engineer		1	-	-
22. Beldar-cum-Helper		1	-	-
23. Sweeper		-	1	1
<b>Total</b>		<b>47</b>	<b>6</b>	<b>26</b>

**Note :** The Government of India is at present reimbursing the salary of the staff of the State Council for Science, Technology and Environment, Himachal Pradesh to the tune of Rs. 20 lakh approx per annum. The total estimated expenditure under this head is estimated at Rs. 170 lakh during the Eighth Plan period and as such only Seventy lakh has been proposed in the State Plan.

**b) Model Villages :**

In order to ensure dissemination of Science and Technology for rural development, the Council proposes to adopt and develop two model villages during Plan period in different districts of the State. Through these model villages, the Council will be providing linkage between education, training science and Technology component to upgrade artisans skills.

**The following activities will be undertaken :**

1. Installation of low cost sanitation
2. Soakage pits for waste water disposal
3. Energy/fooder plantation
4. Smokeless chullahs
5. Community/family size biogas plants.
6. Construction of low cost village ponds lined with LDPE film.
7. Pasture improvement.
8. Eco-Development camps to create awareness amongst the rural population.
9. Popularisation of Bee-keeping, Fish rearing, improved weaving techniques etc. in order to raise the financial status of the rural poor.

**c) Establishing of Planetarium in Places of Tourists attraction**

In order to develop Scientific temper among masses and attract tourists in Shimla/Manali/Kullu, it is proposed that one planetarium at each place may be established. In the beginning, however, efforts will be made to procure mobile planetarium from NCSM who will also train the man power.

**d) Scheme for Science Talent Promotion :**

Under this scheme 25 bright school children who are selected for participation in the National Talent Search Scheme for the State but after interview at the National Level are not selected for National Scholarship, The Council under this scheme proposes to give scholarship to such students @ Rs. 200/-.

**e) Organisation of Science Melas :**

The Council since its inception is organising Vigyan Melas. During 1991-92, these melas have been organised from the Education Block level and moved upwards to district level and finally State Level. Looking at the success of the programme, the Council during the plan period proposes to start the programme from grassroot level i.e. complex schools then take it to Educational Block Level, District level and finally State level.

Till now, we had been holding exhibitions of scientific models, quiz contests and on the spot painting competitions. From the next year, the Council proposes to introduce mathematical olympiad, science essay writing competitions etc. to develop and nurture excellence in Science and provide encouragement to young people in particular for pursuing science as a career. We also propose to introduce scholarships on the pattern of National Talent Search Exam. Another proposal on the anvil is to organise visits of students to places of scientific and Environmental interest.

**f) Use of Mud Block Machines :**

In order to provide alternate low cost building material for rural use, the Council proposes to popularise the use of mud blocks. The machines have been procured for demonstration. It can be used for manufacturing 4,000 block per shift of 8 hours. These blocks have been proved to withstand the vagaries of weather for some 11 to 12 years. The cost of production of these blocks as compared to fired bricks is very low though strength-wise and other-wise they are equal in quality. This technology will help in reducing the cost of construction in rural areas and will provide an alternate source of income to the people involved in the manufacturing of bricks. The cost per machine is Rs. 5,000 & the Council intends introducing it in all the 69 blocks.

**g) Teachers Orientation Programme :**

In the paper entitled "Approach to perspective plan for 2001 A.D. Role of Science and Technology, it has been pointed out that the national scenario in Science and Technology education is not encouraging and steps need to be taken to upgrade the infrastructure of institutions and promote excellence. It is, therefore, necessary to initiate various programmes for human resources development particularly training/retaining programmes and for teachers to develop community science programmes. The Council proposes to run orientation programmes for trained Science Teachers in the preparation of low cost science kits.

Keeping in view the large number of teachers to be trained, there will be a need of holding many workshops for this purposes.

**h) Programme for Rural Youth :**

There is a need for creating scientific literacy among the rural youths. The Council proposes to plan and support location specific, region-wise Science and Technology based programmes for integrated holistic development of the less developed region. The efforts will basically be directed towards generating awareness about the role of S & T that it plays in life of the common man. This programme will be executed in collaboration with the Directorate of Youth Services.

**i) Assistance to Young Technologists :**

There are various Technical Institutions imparting training to the students in various fields. The students are expected to present project reports for their final year examination but they do not get any opportunity to show the utility of their projects to the people. Due to this lack of interaction most of the projects either get shelved or do not leave the drawing board. The Council, in an effort to propagate a culture of interaction between the public and the students and to give an opportunity to them to show their progress in innovative technology for ameliorating the lot of rural poor proposes to hold exhibitions-cum-seminars of the technical institutes working in Himachal and the neighbouring States.

**j) Seminar, Training and creation of Scientific Awareness :**

In order to create awareness among policy makers, administrators and scientists for adopting new scientific and technological methods in raising the living standards of the society, it is essential to up-date the knowledge and keep abreast with the research and discoveries in the scientific field. To achieve these objectives, it is proposed to organise :

- i) Workshops and Seminars on experience training programme for the resource scientists from different deptts. of the State for giving practical training in the basics of Remote Sensing and analysis of aero-space data.
- ii) To provide partial financial assistance to the Scientist for participation in International/National Conference, Seminars and Symposia to encourage interaction of our Scientists with the leading researchers from other countries.
- iii) To provide support for holding Seminars/Symposia on Science and Technology at State/National Level to facilitate communication and exchange of information among the Scientists, Administrators and Policy makers.

**k) Establishment of Sub Regional Science Centre :**

In collaboration with the NCSM, it is proposed to set-up a Sub-Regional Science Centre in the State.



A Science Centre provides activity based learning process to inculcate a spirit of inquiry, foster creative talent and create scientific temper in the community as a whole. It is characterised by its two pronged channel of communication - exhibits & activities. The exhibits are interactive and cover a wide variety of subjects such as physical, applied, natural and social sciences, engineering, technology, agriculture, health services, energy, environment, crafts, industries and such other areas as broadly linked with science to fulfill the requirements of a wide spectrum of population. Activities include year around demonstration and training programmes, temporary and mobile exhibitions and similar sort of exposure oriented programmes. In addition, each science centre must have a Children's Science Park to occupy the entire open area of land containing many participatory exhibits which will help children to have an exposure to the basic principals of science through fun.

From the H.P. State Council for Science, Technology and Environment, we had taken-up with the National Council of Science Museums the matter of setting-up a Science Centre in H.P. in response to our request, the NCSM informed us that they would be willing to include our proposal in their Eighth Plan provided.

- a) The State Government would be willing to share 50% of the total plan expenditure of Rs. 100 lakh i.e. Rs. 50 lakh.
- b) The State Government shall transfer to the NCSM a plot of land measuring about 7 acres.

Recurring expenses for operation of the Science Centre after establishment will be borne by the NCSM.

For the management of the Centre a Local Advisory Committee will be set-up.

1) **Task Forces/Working Groups :**

The following task forces have been set-up by the Council and the reports that have been received are under process for further action :

1. Working Group for Nuclear Medicines in H.P.
2. Working Group for setting-up of proposed 60 Gamma Irradiator labs in the R & D Sector in Himachal Pradesh.
3. Working Group for research in basic and applied sciences in Himachal Pradesh.
4. Task forces on mineral exploration in H.P.
5. Technical Task Force - Fruit Technology Group.
6. Technical Task Force - Research Group.
7. Technical Task Force - Use of Bio-Technology.

8. Technical Task Force - Cold Storage.
9. Technical Task Force - Substitution of Wood and packing cases.
10. Task Force on Vegetables.

The Department of Atomic Energy has proposed establishment of an Advanced Cell on Science & Technology.

**m) Popularisation of Plastics in Agriculture & Horticulture :**

Innovation materials like plastic will be tested for use in the agriculture/horticulture sector with a view to replace conventional energy wasting methods.

**n) GIA to NGO's for Dissemination of Science and Technology :**

Grants would be made available to NGO's for trial of various low cost technologies.

An outlay of Rs. 24 lakh for the Annual Plan 1992-93 and Rs. 101 lakh for the entire Eighth Plan periods has been proposed for the implementation of the above programme under this head of development.

**4. Water Management :**

**a) Installation of Hand Pumps :**

This project was started in collaboration with the UNICEF and CAPART. In 1991-92 Council has demonstrated the feasibility of installation of handpumps in Changar area of Kangra District and was successful in installing 41 handpumps. 28 more handpumps have also been installed in Bilaspur, Hamirpur and Solan Districts. In the wake of the success of this programme the Council proposes to extend the activity in other districts also.

**b) Rain Water Harvesting Structures :**

The Council has constructed some LDPE Lined Ponds in Kangra District for demonstration purposes which have been functioning successfully and the demand for more such ponds is pouring everyday. The Council wants to establish such demonstration ponds in all the Districts of the State.

For the implementation of these programmes, an outlay of Rs. 2 lakh for the Annual Plan 1992-93 and Rs. 12 lakh for the entire Eighth Plan periods has been proposed under this scheme.

**5. R & D Sector :**

The State Government had set up 3 working groups jointly with the Department of Atomic Energy. Their reports have been received and keeping in view the recommendations, the following actions are proposed :

- a) Setting-up of the material Science & Quantitative analysis laboratory at H.P.U. Shimla.
- b) Instrumentation and Physical Applications laboratory.
- c) Isotope laboratory.
- d) Food Irradiation Laboratory.
- e) Polymer Research Laboratory.
- f) Setting up a Co-Balt-60 Radiation Plant.
- g) Setting-up of Nuclear Medicine Centre.

An outlay of Rs. 7 lakh for the Annual Plan 1992-93 and Rs. 60 lakh for the entire Eighth Plan periods has been proposed under this scheme for implementation of the above programmes.

#### **6. Direction & Administration :**

For the strengthening of S&T, an outlay of Rs. 14 lakh for the Annual Plan 1992-93 and Rs. 70 lakh for the entire Eighth Plan has been proposed.

#### **7. Construction of Technology Bhawan :**

An outlay of Rs. 4 lakh for the Annual Plan 1992-93 and Rs. 25 lakh for the entire Eighth Plan periods has been proposed for the construction of Technology Bhawan in the Pradesh.

#### **8. Library and Documentation Centre :**

A sum of Rs. 1 lakh and Rs. 5 lakh has been proposed for this purpose for the Annual Plan 1992-93 and Entire Eighth Plan periods.

#### **9. STEP :**

Under this programme an outlay of Rs. 5 lakh for the Annual Plan 1992-93 and Rs. 10 lakh for the entire Eighth Plan periods has been proposed.

#### **10. Forensic Laboratory :**

The Forensic Laboratory of the Pradesh was a non plan activity. But keeping in view its utility and proposed expansion it is proposed to cover its activities under Plan. For it an outlay of Rs. 20 lakh for Eighth Plan and Rs. 4 lakh for Annual Plan 1992-93 has been proposed.

## 2. ECOLOGY AND ENVIRONMENT :

(Rs. in Lakh)

Annual Plan actual expenditure	(1990-91)	5.00
Annual Plan approved outlay	(1991-92)	5.00
Annual Plan anticipated exp.	(1991-92)	5.00
Annual Plan proposed outlay	(1992-93)	10.00
Eighth Plan proposed outlay	(1992-97)	75.00

The Schematic details are as under :

### 1. Survey of Natural Resources :

The State of Himachal is endowed with vast wealth of economically important plants. These plants yield wood, industrially important chemical materials and medicines. In the recent years due to the expansion of horticulture, agriculture, industrialisation and urbanisation in the State, depletion in the forest area has taken place. Also because of the over exploitation of the forest wealth it is becoming necessary to have fresh look in flora and fauna of the State. The study will help in understanding the natural ecological balance, taking stock of species which are dwindling and those which are on the verge of extinction. This survey will particularly help in restoring environmental health of the Pradesh. The survey of flora will be carried out through the different institutions working in the field of taxonomy viz. Himachal Pradesh University & Dr. Y.S. Parmar Horticulture and Forestry University; Forestry Department.

#### i) Survey (Botanical)

##### a) Staff :

1. Research Associate	2
2. Museum Curator	1
3. Helpers	2
4. Driver	1
5. Stenotypist	1

##### b) Research

##### c) Investigation

##### d) Other expenditure-vehicle 1

#### ii) Survey (Zoological)

Though Himachal Pradesh has 29 wildlife sanctuaries and 2 National Parks, representing a diverse Western Himalayan fauna, systematic wildlife management is in its infancy. The fauna ranges from 500m. to 4500m. above sea level and represents a distinct oriental and palearctic biogeographical influence.

Present status of the Wildlife species in Himachal Pradesh ranges from the highly endangered (IUCN Red Data Book, 1971) Western Trvgopan. Musk deer, Snow leopard to the vulnerable sps. As such a proper estimate of the present status of most of the

birds and mammals is not known. There does not exist any record of other species also. The carrying capacity of most of the sanctuaries and unprotected areas for various wildlife sps is unknown thus extensive surveys with intensive studies in indicator species is required to be taken-up.

**Thrust Areas :**

1. Extensive surveys in unexplored regions.
2. Intensive studies & Repeat Surveys.
3. Regular census to monitor population.
4. Formulation of new protected areas/biosphere reserve/ National Parks/Sanctuaries.
5. Bird migration studies Ringing, Radio telemetry and identification of wetland reserves.

a) Direction and Administration :

- |                       |   |
|-----------------------|---|
| 1. Research Associate | 2 |
| 2. Museum Curator     | 1 |
| 3. Helpers            | 2 |
| 4. Driver             | 1 |
| 5. Stenotypist        | 1 |

b) Training

c) Research

d) Investigation

e) Other expenditure-vehicle 1

**iii) EIA of Hydel, Mining & Industry :**

Environmental impact assessment of all future projects, to be set up in the State would be done so as to analyse the cost-benefit ratio from the environmental angle.

For the implementation of the above programmes under this scheme, an outlay of Rs. 1 lakh for the Annual Plan 1992-93 and an outlay of Rs. 10 lakh for the entire Eighth Plan period has been proposed.

**2. Environment Research and Ecological Regeneration :**

a) Environment Education Training and Extension

No programme on Environment Conservation & Preservation can be successful without the involvement of masses. The Council proposes to organise a massive programme :

- 1) To generate environment awareness by organising Padyatras, Cultural Programmes, Camps and by bringing out literature commensurate with local needs.
- ii) By co-ordinating the efforts of various voluntary organisation & non-government organisation.
- iii) By providing technical & financial support to voluntary efforts.

- iv) By encouraging rural youth and college students to undertake regular plantation programmes.
- v) Inducting environmental bias in school education.
- vi) Training school children for healthy environment.
- vii) Teachers training programme for taking the message of healthy environment to the masses.
- viii) Training programme for the rural youth.

**b) Assistance to Voluntary Organisation :**

Voluntary organisations would be identified and provided with grants for undertaking various environment awareness programmes.

**c) Raising of Sandal Wood Plants & Bamboo through Biotechnology :**

The Council has raised an experimental plot of Sandal Wood Plants and raised nursery in Gumber Forest near Jawalamukhi during 1990-91. These seedling will be transplanted for further propagation.

**d) Bamboo Plantation :**

It is proposed to raise plantation of bamboo in 3 hect. near Ranital in Kangra District. The plantlets of Dendro-Calamus Stricuts, Bambosa, Arundanesea and B. Balcoa raised through tissue culture by Botany Department of Delhi Uni. will be given field trial on an experimental basis.

**e) Fodder Grasses :**

The Council for STE undertook a Pilot Project during 1987-88 for the cultivation of drought resistant fodder grasses in the temperate zones of the State with the following objectives.

- i) To replace the inferior local grasses by better quality nutritious and drought resistant fodder grasses.
- ii) To increase bio-mass production.
- iii) To observe the effect of these grasses on the Quality of Soil.

Grasslips have also been planted in one hectare near Devidhar which is about 32 kms. from Shimla and is located at an elevation of about 1200 metres. Besides maintaining the fodder plantation at Bhattakuphar and Devidhar area of 1 hect. will be taken up during 1992-93 in the lower hills and in Kinnaur Distt.

**f) Status Survey for Biosphere reserve**

Identification of suitable areas encompassing major elements of the Western Himalayan ecosystem for conservation under Biosphere reserve.

### **g) Himalayan Survey Methodology Documentation :**

Documentation of survey methods applicable to the study and exploration of habitats in Himachal Pradesh to ensure standardisation of environmental information for naturalists students and environmental activities.

An outlay of Rs. 3 lakh for the Annual Plan 1992-93 and Rs. 30 lakh for the Eighth Plan period has been proposed for the implementation of these programmes.

### **3. Conservation Programme :**

#### **i) Eco-Development camps for improving waste degraded forest lands :**

The Council in collaboration with the Department of Environment, Govt. of India has launched a programme of regeneration of degraded forests through eco development camps. In this programme, the college students are encouraged to take-up plantation in the degraded forest areas, using the techniques of remote sensing degraded forest areas will be identified. In addition inventory of waste lands will be carried out. Students will not only undertake the plantation work but subsequently will also look after the plants. The results in the past have been encouraging. The Council therefore, proposes to extend these schemes and involve school and college children through the eco-development camps for regeneration and conservation programme.

#### **ii) Study of Garbage Disposal Methods :**

All tourist resorts in the hills are now being confronted with the problem of garbage disposal.

It is proposed to undertake surveys to identify scientific methods of garbage disposal. The scope of the work would include:

Data collection, availability of municipal solid waste, its source whether domestic, commercial, industrial etc.

Present mode of collection, transportation & disposal etc.

Problems involved in the present mode of solid waste management and their solutions.

Pollution and Environmental Impacts.

Market for end product electricity, steam biogas sludge etc.

Market for recyclable materials.

Physical chemical analysis, including moisture content, seasonal variation of representative sample etc. The laboratory tests are to be carried out in reputed approved laboratories. Physical analysis and determination of moisture content is as per IS-9235-1979.

Colorific value of representative samples of garbage.

Present status of the various technologies available for water disposal and energy recovery.

Technical, financial & social, viability of various established energy recovery alternatives such as :

- i) Sanitary Land fills
- ii) Pyrolysis
- iii) Anaerobic digestion
- iv) RDF methods
- v) Incineration
- vi) Other methods

Functional specifications and preliminary layout. Based on the field surveys, laboratory tests and evaluation studies, the consultant has to recommend the various viable energy recovery routes applicable to the location taking due consideration of direct and indirect benefits. If establishment of energy recovery plant is not viable, the same may be reported with justification.

iii) Mining Reclamation :

Ecological restoration of mined areas would be taken-up after assessing the flora to be planted on such sites with a view to beautify the area & avoid any after effects of mining.

iv) Conservation of Wet Lands :

Renukaji lake has been selected as a wet land by the National Wetland Committee. There are 15 more wet lands in the States which need conservation programme on the lines of one started at Renuka-Ji.

Systematic studies on the wetland flora and fauna factors responsible for the reduction of wetlands will be undertaken, before initiating any conservation activity. A sum of Rs. 3 lakh for the Annual Plan 1992-93 and Rs. 15 lakh for the entire Eighth Plan has been proposed for the implementation of the above programmes.

#### **4. ENVIRONMENTAL PLANNING & CO-ORDINATION**

i) Implementation of EPC Recommendation :

Environment Protection Council is the apex body in the State that takes stock of the various aspects of health of environment of State. It comprises members from the Government voluntary agencies as well as political representatives. State Council for Science Technology and Environment, helps to give a practical shape to the various recommendations made by the Council by extending departmental coordination as well by gathering information and by taking-up pilot demonstration studies independently or in collaboration with central and state agencies. The Hon'ble Governor of H.P. is Chairman and Hon'ble Chief Minister is Senior Vice Chairman of this Council.



**ii) Creation of Environmental Information System Centre with Envis of Doe :**

Collection of environmental information from various institutions and NGO's in H.P. and dissemination of this information to potential users. Formulation of NGO's directory, Status paper and press clipping service.

**iii) Review of the Protected Area Network in H.P. :**

The existing sanctuaries and national parks should be reviewed so as to make the protected area fully representative of the biological diversity available in various ecological zones of the State.

**iv) Starting of District Environmental Councils :**

With a view to have effective machinery to monitor environment impact of various activity of the State. It is necessary that Distt. Level Committees on the line of Environmental Protection Council be created. These committees will act as co-ordinating agencies between various developmental departments and the district administration with a view to create healthy environment in the State.

**v) Status Report on Environment of H.P. :**

To have an over view of the health of environment of the Pradesh the Council is working on status report and the same will be out soon. It will be a regular activity.

An outlay of Rs. 3 lakh for the Annual Plan and Rs. 20 lakh for the entire Eighth Plan period has been proposed for the implementation of the above programmes under the scheme Environmental Planning and Co-ordination.

### 3. WATER AND AIR POLLUTION PREVENTION :

(Rs. in Lakh)

Seventh Plan actual expenditure (1985-90)	27.75
Annual Plan actual expenditure (1990-91)	15.00
Annual Plan approved outlay (1991-92)	20.00
Annual Plan anticipated exp. (1991-92)	20.00
Annual Plan proposed outlay (1992-93)	38.00
Eighth Plan proposed outlay (1992-97)	300.00

As a result of enforcement of Water (Prevention & Control of Pollution) Act, 1974, in this State, the H.P. State Board for Prevention & Control of Water Pollution was constituted on 5.12.1974. As per Section-17 of the aforesaid Act, the functions of the State Board are as under :

1. To plan a comprehensive programme for the prevention, control and abatement of pollution of streams and wells in the State and to secure the execution thereof;
2. To advise the State Government on any matter concerning the prevention, control and abatement of water pollution;
3. To encourage, conduct and participate in investigations and research relating to problem of water pollution and prevention, control or abatement of water pollution;
4. To collaborate with the Central Board in organising the training of persons engaged or to be engaged in programmes relating to prevention control or abatement of water pollution and to organise mass education programme relating thereto.
5. To inspect sewage or trade effluents, works and plants for the treatment of sewage and trade effluents and to review plans, specifications or other data relating to plants set-up for treatment of water, works for the purification thereof and the system for the disposal of sewage or trade effluents or in-connection with the grant of any consent as required by this Act;
6. To lay down, modify or annual effluent standards for the sewage and trade effluents and for the quality of receiving waters not being water in an inter-state stream resulting from the discharge of effluents and to classify water of the State;
7. To evolve economical and reliable methods of treatment of sewage and trade effluents, with regard to the peculiar conditions of soil, climate and water resources of different regions and more especially the prevailing flow characteristics of water in streams and wells which render it impossible to attain even the minimum degree of dilution;

8. To evolve methods of utilisation of sewage and suitable trade effluents in agriculture;
9. To evolve efficient methods of disposal of sewage and trade effluents on land, as are necessary on account of the predominant conditions of scant stream flows that do not provide for major part of the year, the minimum degree of dilution; and
10. To lay down standards of treatment of sewage and trade effluents on land, as are necessary on account of the predominant conditions of scant stream flows that do not provide for major part of the year the minimum degree of dilution.

Later on the implementation of Air (Prevention & Control of Pollution) Act, 1981, was also entrusted to the State Pollution Control Board and recently some functions under the Environment (Protection) Act, 1986 have also been entrusted to the State Boards.

In addition to above, the Government of India has also enforced the Water (Prevention & Control of Pollution) Cess Act, 1977 in this State and the State Board has been entrusted with the work to provide for levy and collection of cess on water consumed by persons carrying on certain industries and by local authorities. The aforesaid Act also requires the State Board to see that :

1. The standards for the meters and the places at which such meters are to be affixed under sub-section (1) of Section-4 are got affixed;
2. The returns are furnished promptly by the consumers;
3. The bill of the cess are sent to the concerned consumer and money got remitted to the Government of India;
4. Inspect the water supply systems and installation, including storm water disposal in the plant of the consumer;
5. Inspect drainage system and installation, including storm water disposal in the plant of the consumer;
6. Call for and inspect records relating to the use and consumption of materials and water and hose relating to production in the plant of the consumer;
7. Call for any other information or records relating to the supply, consumption and treatment of water in the plant of the consumer.

## Seventh Plan (1985-90) - Physical Achievements :

The physical achievements during the Seventh Plan under this head of development are as under :

1. Out of 557 polluting industries identified by the board, 257 industries are working with the treatment plants and another 183 are of such nature where the level of pollution is negligible and no treatment is necessary at present.
2. 100 designs of Effluent Treatment Plants were received for approval and 96 designs were approved by the board.
3. 70 nos. of industries completed their effluent treatment plant during the first four years of the plan period.
4. The Board has started evolving design of effluent treatment plant during the first four years of the plan period.
5. River Monitoring of the three major rivers i.e. Sutlej, Beas and Ravi is being carried out quarterly and from 1987-88 the water quality of river Markanda, Sukhna Choe, Giri and lakes like Pong Dam lake, Gobindsagar, Rewalsar, Renuka etc. has also been started and interim report submitted to the State Environmental Protection Council during its fifth meeting.
6. The National Ambient Air Quality Monitoring for Shimla town has been started from Aug, 1987. Under this 2 stations have been established at Shimla and are still continuing. Two stations under this programme have been established at Paonta Sahib and Parwanoo also.
7. 16 new posts have been sanctioned mostly for Scientific and Technical personnels.
8. The Board's Water Testing laboratory has been approved by the Ministry of Environment, Government of India, under the Environment (Protection) Act, 1986.
9. The Board's Air laboratory has been set-up and has been notified as State Air Testing laboratory under Section-28(1)(b) of the Air (Prevention & Control of Pollution) Act, 1981.

Under this head ~~Rs. 27.75~~ lakh were spent during the Seventh Plan period. An amount of Rs. 15 lakh was spent during the year 1990-91 and against this, Rs. 20 lakh has been provided during the year 1991-92. Against this, Rs. 38 lakh for the Annual Plan 1992-93 and Rs. 300 lakh for the Eighth Plan has been proposed for the implementation of different schemes under this head of development.

The schematic details are as under :

**1. Air Quality Monitoring :**

The Central Pollution Control Board is financing three National Ambient Air Quality Monitoring (NAAQM) Programme at Shimla, Parwanoo and Paonta Sahib, with total commitment of Rs. 3 lakh/year. They have desired that the State Board should also take up atleast 3 Stations from their resources. These 3 Stations will be started in industrial area of Damtal, Mehatpur and Kala Amb during the Annual Plan 1992-93. This will give us the present air quality status of the area and will be quite helpful in deciding more industries in these complexes during the Eighth Plan period.

**2. Water Quality Monitoring :**

At present the Board is monitoring water quality of rivers Beas, Sutlej and Ravi. During the Eighth Plan and Annual Plan (1992-93) Board intends to undertake monitoring of river Yamuna and its tributories, Chanderbhaga, Rivers Parvati, Pabbar, Sainj, Larji, Giri, Bata, Kaushlya Khad, Sukhna Choe, Binwa Khad, Sawan Khad and some of the lakes like Rewalsar, Pong Dam, Gobind Sagar, Khajjiar, Renuka etc. This will give us an idea of the affect of urban waste on the quality of rivers and lakes.

**3. Development of Laboratories :**

At present the Board has only one Board Laboratory at Parwanoo, but as per our experience it becomes very difficult to collect and transport samples from far flung areas. So the Board wanted to establish four Regional laboratories at Shimla, Nahan, Una and Jasur. Ministry of Environment has agreed to finance all the four laboratories under the World Bank Programme with a total commitment of Rs. 1.42 crore during the Eighth Five Year Plan. But under this Programme the complete cost of instrumentation, manpower and construction of laboratory will be provided by the Ministry, but some very nominal charges on the cost of land for laboratories as well as furniture and fixtures are required to be paid by the State Board.

**4. Common Effluent Treatment Plant :**

Ministry of Environment and Forests have sanctioned a sum of Rs. 30 lakh under this Programme for survey and preparing the Feasibility Technical Expertise etc. The amount has been released to National Environment Engineering Research Institute (NEERI) Nagpur. The estimated cost of CEPT at Parwanoo, Kala Amb, Barotiwala and Mehatpur is roughly Rs. 4 crore. Ministry wanted a commitment that 25% cost will be borne by the State Government.

**5. Training of Manpower :**

The matter of training specially in the field of environment protection is being stressed at various forums. It was considered that the training in the field of environmental engineering conservation, environmental health, social and cultural aspects of ecology and matters pertaining to prevention and abatement of pollution is necessary.

**6. Board's Building :**

At present the Board's office and laboratories are housed in rented buildings. As the Board's work is of technical nature, it is not possible to carry out the activities in the rented buildings as lot of additions and alterations are required from time to time. As such, it is proposed to construct Board's own buildings for office and laboratory during the Eighth Plan and Annual Plan (1992-93).

**7. Salary and Allowances including Technical and Scientific Manpower :**

No programme can be implemented without adequate man power both administrative and technical. As the working of the Board is quite different from the other Departments most of the work is of technical/scientific nature for that purpose the Board requires more technical/scientific staff to maintain the environment of the State. The technical and administrative staff of the Board will be suitably strengthened during the Eighth Plan and Annual Plan 1992-93.

**8. Office Expenses for running of Head Office and Regional Offices :**

For the smooth functioning of the State Pollution Control Board and its Regional Office, the Board requires to spend for rent of office buildings, running and maintenance of vehicles, telephones, stationery, furniture and fixtures, hot and cold weather charges, advertisement, printing, library etc. during the Eighth Plan and Annual Plan (1992-93).

## X. GENERAL ECONOMIC SERVICES :

	(Rs. in Lakh)
~~~~~	~~~~~
Seventh Plan actual expenditure (1985-90)	196.66
Annual Plan actual expenditure (1990-91)	57.12
Annual Plan approved outlay (1991-92)	66.00
Annual Plan anticipated exp. (1991-92)	66.00
Annual Plan proposed outlay (1992-93)	67.00
Eighth Plan proposed outlay (1992-97)	413.00
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### A. STATE PLANNING MACHINERY :

The functions of the State Planning Machinery have been grouped under the eight broad divisions :

1. Plan Formulation and Perspective Division.
2. Project Formulation and Appraisal Division.
3. Monitoring and Evaluation Division.
4. Manpower Planning, Employment & Information Division.
5. Programme Implementation Division.
6. Regional and District Planning Division.
7. UNICEF Assisted Planning Cell.
8. Administration Division.

During the Seventh Five Year Plan (1985-90), the actual expenditure incurred under this head of development was of the order of Rs. 196.66 lakh. The actual expenditure incurred during the year 1990-91, was to the tune of Rs. 57.12 lakh and against this an amount of Rs. 66 lakh has been provided during the year 1991-92. For the Annual Plan 1992-93 an outlay of Rs. 67 lakh has been proposed out of the total provision of Rs. 413 lakh proposed for the Eighth Plan period.

A brief resume of the functions of various divisions is summarised as under :

#### 1. PLAN FORMULATION AND PERSPECTIVE DIVISION :

This division has been charged with the function of formulating Five Year Plans and Annual Plans of the State and keeping liaison with the Planning Commission. A perspective Cell also works under this division which has recently started functioning. This Cell is engaged in the preparation of perspective Plans of agriculture and allied sectors, infrastructural facilities in the field of social services like education, medical and public health, water supply etc. Apart from the preparation of Annual and Five Year Plans, the following publications have been brought out by the Plan Formulation and Perspective Division :

1. Component Analysis of Important Crops in Himachal Pradesh.
2. Plan-wise Growth Trends of Important Agricultural Crops in Himachal Pradesh.

3. A study into the Disaggregation of the Contribution of Different Factors in the Production of Foodgrains in Himachal Pradesh.
4. The Task Group on Cold Storage.
5. Development and Growth Trends on Fish Production in Different States/Union Territories in India.
6. Financial Appraisal of Fish Ponds in Himachal Pradesh.
7. Apple Production Forecast in Himachal Pradesh.

In addition to above returns, this Division has also been entrusted with the work of implementation of Point No. 13 of Prime Minister's 15-Point Programme relating to Minorities Development. In this direction, a detailed quarterly review in respect of various Departments implementing developmental schemes is sent to the Home Department of the State Government for onward transmission to the Government of India, Ministry of Home, New Delhi.

## **2. PROJECT FORMULATION AND APPRAISAL DIVISION :**

This division not only coordinates the work of externally aided projects which are ongoing but also actively participates in the new projects both at the formulation stage and its coordination with the concerned Ministries. The Division has been associated with the formulation of Eco-Development Project of Changer Area and Water Shed Development Project of Kandi Area. A high powered Committee for Formulation, Monitoring, Appraisal and Review Committee including externally aided projects has been constituted under the Chairmanship of Chief Secretary Himachal Pradesh Government.

## **3. MONITORING AND EVALUATION DIVISION :**

This Division is charged with the function of doing post and concurrent evaluation of current interest besides monitoring of schemes/projects to avoid cost and time overruns. The Departmental monitoring committees have been set-up under the chairmanship of Administrative Secretaries which meets monthly to review the achievements of targets set in the Plan. The following Evaluation Studies have been completed :

1. Evaluation Study of Biogas Plants in Himachal Pradesh.
2. Evaluation Study of Mushroom Farming in Himachal Pradesh.
3. Evaluation Study of Ahemadnagar Experiment in Sirmour District.
4. Evaluation Study of Earn while you learn in Himachal Pradesh.
5. Evaluation Study of IRDP in Mandi and Bilaspur District of Himachal Pradesh.
6. Evaluation Study on Forest Plantation in Himachal Pradesh.
7. Evaluation Study on Adult Education Programme in Himachal Pradesh.
8. Evaluation Study of Inter-caste Marriages in Himachal Pradesh.



9. Evaluation Study of Outturn and Utilisation Pattern of Ex-ITI's Trainees.
10. A study of Free Travel Concession to Freedom Fighters in Himachal Pradesh.
11. Repeat Evaluation Study of Bio-Gas Plants in Himachal Pradesh.
12. A study of Socio-economic Status of Minorities in Himachal Pradesh.
13. Evaluation Study on Free Travel Concession to Disabled Persons in H.R.T.C. Buses.
14. Evaluation Study on New Family Planning Incentive Schemes in Himachal Pradesh.
15. Evaluation Study on IRDP in Himachal Pradesh.
16. Evaluation Study on Free Single Light Point and Wiring of Harijan Houses.
17. Evaluation Study on D.W.C.R.A. Project in Kangra District.

**The following Evaluation Studies are in the pipe line :**

1. Study on Micro Watershed in the Context of Dry Land Farming in Himachal Pradesh.
2. Evaluation Study on Water Storage Structure in Himachal Pradesh.
3. Development of New and Renewable Sources of Energy in Himachal Pradesh.
4. Evaluation Study on Smokeless chullahs in Himachal Pradesh.
5. Evaluation Study on the works executed under Local District Planning in Himachal Pradesh.

**4. MANPOWER PLANNING, EMPLOYMENT AND PLAN INFORMATION DIVISION :**

**(a) Manpower Planning & Employment Division :**

This division is charged with the function of preparing :

1. Fact Book on Manpower.
2. Manpower Profile of H.P.
3. Estimates of Employment and Un-Employment on the basis of 43rd round of National Sample Survey.
4. Review of Self Employment Programmes.
5. Series of Quick estimates of Employment in Organised Sectors under EMI Programme.

The above publications are prepared by the Manpower and Employment Division regularly.

**(b) Plan Information Division :**

This division also caters to the need of all Plan information data needed for planning purposes. For this, a data bank has been established in the division which collect data and store it in the computer unit established in the department. The following publications have been brought out by this division :

1. An Overview of Planning in Himachal Pradesh.
2. Final Annual Plan document 1989-90.
3. Status of Women in Himachal Pradesh.
4. Economic Indicators of Himachal Pradesh.
5. Study on occupancy of Rest Houses.
6. Constituency-wise Data on Development Trends in Himachal Pradesh.
7. Study on Development Trends of Special Category States.
8. Final Annual Plan document 1990-91.
9. Maps Depicting Infrastructural Facilities in Himachal Pradesh.
10. Atlas of Himachal Pradesh.
11. Directory of Forest Rest Houses in H.P.
12. Directory of Rest Houses in H.P.
13. Directory of Godowns in H.P.

The following publications are in the pipe line :

1. Directory of Drinking Water Supply in H.P.
2. Directory of Assets Created under Rural Employment Programme.
3. Final Annual Plan - 1991-92 document.
4. Revised Economic Indicators of H.P.
5. Revised Overview of Planning in H.P.
6. Directory of Milk Chilling Plants in H.P.

#### 5. REGIONAL AND DISTRICT PLANNING DIVISION :

The State Government has already initiated the decentralisation of Planning process in the State in a phased manner. For this, both at the headquarters and at the district level, the units have been suitably strengthened. The District Planning units are engaged in the preparation of district plan, implementation and monitoring of the funds given under Local District Planning. Antyodaya, Vikas and Grievances Committee has been set-up under the Chairmanship of Minister-in-charge which meets on quarterly basis to review the overall implementation and monitoring of the pace of expenditure and levels of development reached. In order to tackle the problem of micro-regional disparities, the backward areas in the State are identified on the basis of remoteness and inaccessibility and on other specific indicators devised. A specific outlay of ten percent is earmarked for the development of so identified backward areas under the various plan development heads. So far 321 panchayats stand declared as Backward Panchayats. For the proper implementation of backward areas Sub-Plan, the State Government has declared Adviser (Planning), Himachal Pradesh Government as Head of Department concerned with functional heads of the development and Deputy Commissioners as Head of Offices in their district in so far as these developmental heads are concerned. The backward area sub-Plan schemes are implemented effectively and the progress is reviewed/monitored regularly by the Regional and District Planning Division both at the State level and also at the District level.

## **6. UNICEF ASSISTED PLANNING CELL :**

A significant quantum of resources is received by the State Government through various UNICEF assisted programmes. Some of the important programmes which are going-on in all the 12 districts of the State are assistance for ICDS project, Urban Basic Services in Una District, DWCRA Project in Kangra ditrict and for Shimla District etc. This cell regularly coordinates the implementation of the projects with the concerned departments since, most of the projects are inter-disciplinary and inter-departmental in nature.

## **7. PLAN IMPLEMENTATION DIVISION :**

While monitoring the plan expenditure vis-a-vis its physical targets, this division transmits the various returns to the Government of India, Ministry of Finance and Planning Commission. These returns are of high priority in nature and have a strong bearing on the releases of Central Assistance for plan financing to the State by the Government of India. The quarterly, Mid-Term and Annual Reviews of the Annual Plans and Five Year Plans are also prepared by this division.

The details of the various returns/reports submitted to the Government of India, Planning Commission and Ministry of Finance are as under :

1. Quarterly Progress Reports of Plan Expenditure :
  - a) First Quarter
  - b) Second Quarter
  - c) Third Quarter
  - d) Fourth Quarter
2. Monitoring of Progress of Achievements in Physical terms in Earmarked/Unearmarked Sectors Programme :
  - a) First Quarter
  - b) Second Quarter
  - c) Third Quarter
  - d) Fourth Quarter
3. Proposals for diversions in Earmarked Sectors.
4. Proposals for diversions in other sectors.

## **8. STRENGTHENING OF STATE PLANNING MACHINERY :**

It would be evident from the foregoing paragraphs that the State Planning Machinery has been fully set-up in the State. However, in order to make its all Divisions fully functional and to gear-up the Plan work down to the District level it is essential that the State Planning Machinery is further suitably strengthened by providing the following functional posts for 1992-93. These new posts are essential for administering, supervising and monitoring aspects :

<u>Name of the Post</u>	<u>No.</u>
1. Joint Director	1
2. Sr. Scale Stenographer	1
3. Steno-Typist	8

The above posts will be created/filled-up during the year 1992-93 for smooth working of the State Planning Machinery at the State Level.

The District Planning Cells established at the District levels are housed in the Deputy Commissioner's offices. In order to have the independent offices for the District Planning Cell, it is proposed to provide Rs. 2 lakh per annum for construction of these office buildings in Eight Districts during the Eighth Plan period.

#### **B. OTHER SECRETARIAT ECONOMIC SERVICES :**

Over time, a need has been felt to strengthen the other Secretariat Economic Services at the level of Secretariat. For this a few branches in the Secretariat have been opened during the year 1988-89 for which a sum of Rs. 6 lakh was provided which was utilised in full. For the Annual Plan 1990-91, the actual expenditure of the order of Rs. 12 lakh was incurred under this sub-head. During the year 1991-92, an amount of Rs. 14 lakh has been approved for Secretariat Administration and Treasury and Accounts. During the Eighth Plan (1992-97) and Annual Plan (1992-93) the funds for the continued expenditure and strengthening of Secretariat Administration and Treasury and Accounts will be provided out of the total provision of funds as proposed under head Secretariat Economic Services.

#### **2. EXCISE AND TAXATION :**

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	--
Annual Plan actual expenditure (1990-91)	4.59
Annual Plan approved outlay (1991-92)	4.00
Annual Plan anticipated exp. (1991-92)	4.00
Annual Plan proposed outlay (1992-93)	8.00
Eighth Plan proposed outlay (1992-97)	60.00

Under this head provision of funds has been provided for the strengthening of primary/secondary/ supervisory agency, other mobility and communication, computerisation and implementation of Ahmed Nagar Pattern, construction of office building for M.P. Barrier, District and Tehsil offices and Residential accommodation for staff etc. An expenditure of Rs. 4.59 lakh was incurred during the year 1990-91, against which an outlay of Rs. 4 lakh has been kept for the year 1991-92. For the Eighth Plan and Annual Plan 1992-93, an outlay of Rs. 60 lakh and Rs. 8 lakh has been proposed respectively under this head of development.

### 3. TOURISM :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	636.67
Annual Plan actual expenditure	(1990-91)	226.05
Annual Plan approved outlay	(1991-92)	260.00
Annual Plan anticipated exp.	(1991-92)	260.00
Annual Plan proposed outlay	(1992-93)	300.00
Eighth Plan proposed outlay	(1992-97)	2000.00

Tourism in Himachal Pradesh from its origin in the times when it had a very modest plan budget of Rs. 2 lakh has taken impressive strides within a decade. Himachal Pradesh is proverbial for its snowy mountains, picturesque valleys and water falls, lush green forests, ancient cultural heritage and salubrious climate and has much to offer to tourists hungry for scenic beauty exotic culture, cultural antiquity and richness; and recreational and environmental variety. In fact the visual diversity of Himachal is simply stupendous and fascinating as stupendous as its scenic panorama.

With the reorganisation of the Punjab areas, tremendously rich and tourist potential areas like those of Kullu, Manali, Kangra, Dharamsala, Shimla, Kasauli, Chail and Dalhousie came over to Himachal Pradesh. As a result thereof, the Pradesh today is next to none in the matter of potential that it holds for promotion of tourism. Himachal Pradesh infact presents an alternative to Kashmir where the political situation can at any time be un-predictable and as a result, tourists have to divert to the resorts of the Pradesh.

#### 1. LEVEL OF DEVELOPMENT :

The Tourism Development Corporation has already started earning revenue by way of income from its hotels, cafeterias and transport. In addition, sports like skiing and other mountain sports like trekking and high altitude climbing etc. have also developed. Development of these activities would help us not only in the diversification of tourist activities, but also promote the use of facilities during the off season periods which remain at present under utilised.

Out of 12 lakh foreign visitors who come to India every year, Himachal gets only about 20,000 foreign visitors. This number is almost negligible. The reason for very low tourist traffic from abroad is the absence of high standard hotels and other allied facilities. The Airport at Shimla which has been commissioned during the year 1987 has given an impetus not only to the domestic tourist traffic but to the foreign as well. As such there is a great need to have atleast a 5 star hotel at Shimla, and similar such hotels at Mandi, Dharamsala and Dalhousie.

2. PROBLEMS AND DIFFICULTIES :

The proper growth and development of tourism in Himachal Pradesh is faced with many problems like financial constraints, limited brief tourist seasons, high cost of construction/production and limited modes of communication. Due to limited allocation of funds from time to time the required level of infrastructure of basic facilities of accommodation, catering, transport and entertainment houses/ places and adequate publicity could not be fully provided except at a few selected centres. Another bottleneck, in brief tourists season during summer and autumn and the facilities provided for the tourists remain considerably under utilised during the remaining period. Therefore, the entrepreneurs running hotel/restaurant and other tourist projects have a tendency to earn higher profits during tourist season so as to meet the gap during off season. The cost of construction provision of eatables, the operational costs of projects are considerably higher than in the plains, making thereby the tourist services costlier than the ones available in the neighbouring States in the plains. The last but not the least hurdle is the limited means of communication. At present, road transport happen to be main mode of communication. It is a well known fact that the hilly roads are tiresome and time consuming.

The details of the expenditure made in the Tourism Sector during the various Five Year Plans and Annual Plan is given as under :

		(Rs. in Lakh)
Five Year Plan / Annual Plan		Plan Investment
1.		2.
Second Five Year Plan	(1956-61)	2.08
Third Five Year Plan	(1961-66)	5.02
Annual Plan	(1966-67)	6.64
Annual Plan	(1967-68)	12.43
Annual Plan	(1968-69)	0.50
Fourth Five Year Plan	(1969-74)	97.84
Fifth Five Year Plan	(1974-78)	224.00
Annual Plan	(1978-79)	71.66
Annual Plan	(1979-80)	80.00
Sixth Five Year Plan	(1980-85)	605.00
Seventh Five Year Plan	(1985-90)	636.67
Annual Plan	(1990-91)	226.05
Annual Plan	(1991-92)	260.00

From the above table it is seen that Tourism Industry in Himachal Pradesh got its due place in the plan priorities only from the Sixth Plan period. In fact till then tourism in Himachal Pradesh has grown by way of tradition or say without much deliberate efforts from the side of Government. Now it is

in a highly vulnerable stage when this industry is on the verge of take off and concerted efforts in space, time and activities are needed to take this industry towards the self sustained growth.

**PROGRAMME THRUST :**

1. Expansion of Tourist Accommodation.
2. Development of religious places.
3. Providing of way side amenities and construction of Ghats.
4. Effective administration.
5. To make a sound data base, for planning and policy making.
6. To develop leisure time tourism for younger and old age group.
7. Promotion of conference/meeting facilities in major tourism centres.
8. Development of sports and adventure tourism.
9. Promotion of 'Off Season Tourism in attractive Packages.
10. Creation of Health Resorts.
11. Develop Tourist Infrastructural facilities.

An outlay of Rs. 260 lakh has been provided for the different schemes under this head of development which will be utilised in full. Against this, an outlay of Rs. 300 lakh for the Annual Plan 1992-93 and an outlay of Rs. 2000 lakh for the Eighth Plan (1992-97) has been proposed under this head.

The schematic details are as under :

Schemes	Anticipated Expenditure (1991-92)	(Rs. in Lakh)	
		Proposed Outlay Annual Plan (1992-93)	Proposed Outlay Eighth Plan (1992-97)
1.	2.	3.	4.

**CONTINUING SCHEMES**

**A Tourism Infrastructure**

1. Tourist Centres.	11.00	30.00	150.00
2. Tourist Accommodation.	45.00	70.00	450.00
3. Assistance to Public Sector and other undertakings	26.00	10.00	50.00
4. Other expenditure	4.00	5.00	50.00

**B General**

1. Direction & Administration	5.50	12.00	80.00
2. Training	12.00	15.00	90.00
3. Promotion & Publicity	38.50	50.00	268.00
4. Other expenditure	10.00	18.00	80.00
5. Investment in Public sector and other undertakings.	40.00	20.00	100.00

1.	2.	3.	4.
<b>C Area Development</b>			
1. Infrastructural project for Shimla Region.	38.00	40.00	500.00
Sub-Total :	230.00	270.00	1818.00
<b>D Tribal Area</b>			
1. Tourism Accomodation	15.00	20.00	130.00
2. Promotion & Publicity	10.00	6.00	25.00
3. Other expenditure	5.00	4.00	27.00
Sub-Total :	30.00	30.00	182.00
Grand Total :	260.00	300.00	2000.00

The brief description of the important schemes is as under :

To make it a pleasant experience and to prolong the stay of visitors, there is a need to provide facilities of entertainment, adventure etc. in the tourist centres which will enable the tourists to involve themselves in active enjoyment and there by prolong their stay in the Tourist Centres. The following activities are covered under this scheme :

- i) Development of Lakes.
- ii) Development of Adventure Sports.
- iii) Development of Trekking Routes.
- iv) Club Houses etc.
- v) Development of Wayside facilities.
- vi) Development of Amusement Parks.
- vii) Development of Parking Places etc.
- viii) Development of Picnic Spots.
- ix) Development of religious places etc.

During the year 1991-92, an amount of Rs. 11 lakh has been provided under this scheme. Against this, an outlay of Rs. 30 lakh for the Annual Plan 1992-93 and for the Eighth Plan, an outlay of Rs. 150 lakh has been proposed for this purpose.

The following activities are covered under this scheme :

1. Tourist Reception Centre Shimla
2. Tourist Reception Centre Manali
3. Participation in Centrally Sponsored Scheme (old)
4. New Scheme to be sanctioned in 1992-93.

Out of these schemes, Tourist Reception Centre Manali would be completed in 1991-92. To square up the work, a token provision of Rs. 4 lakh has been made for the year 1992-93.



The construction work of Tourist Reception Centre, Shimla will be started in the year 1991-92 for which a provision of Rs. 12.00 lakh exists. The estimated cost of this work is 72 lakh. Out of this Rs. 30 lakh would be required in the year 1992-93 and the remaining amount will be provided in the subsequent years.

Apart from above, various Centrally Sponsored Schemes for which a provision of Rs. 19 lakh is there in the budget of 1991-92. To complete these schemes a sum of Rs. 19 lakh has been proposed for the year 1992-93.

In addition to above the following Centrally Sponsored Schemes are expected to be sanctioned during 1991-92 by the Government of India :

1. Construction of Tourist Complex at Kangra estimated cost. = 20.00 lakh
2. Constructin of Tourist Complex at Dalhausie estimated cost. = 40.00 lakh
3. Construction of Skiers Hostel at Narkanda, estimated cost. = 20.00 lakh

For these schemes also State share is required which has been estimated at Rs. 17 lakh.

In the new tourism policy which has been accepted by the Government in principal, Tourist Reception -cum-Guidence Centres on the anology of the tourist Reception Centres at Shimla, Manali where information, communication, reservation and guidance facilities alongwith luggage lock overnight shelter accommodation and haye arrangements for disposal of Tourists to peripheral location during peak season haye to be created. Such Centres are required to be created at Parwanoo, Paonta Sahib and Dalhausie which are the entry points of Himachal Pradesh. The estimated cost of these centres are Rs. 72 lakh each. The other policy requirement is the creation of cheap type accomodation for budgeted Tourists such as senior citizen, Hostels, Youth Hostels etc. in various Tourists Centres.

An outlay of Rs. 45 lakh has been allocated under this scheme for the year 1991-92. Against this, an outlay of Rs. 70 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 450 lakh proposed for the entire Eighth Plan period.

### **3. ASSISTANCE TO PUBLIC SECTOR AND OTHER UNDERTAKINGS :**

Under this scheme subsidy on resturants, Dhaba Schemes and Paying Guest House Scheme is paid to the Private investors and Banks. There is an annual expenditure of Rs. 6.00 lakh on these schemes upto 1991-92. An outlay of Rs. 26 lakh has been provided under the scheme for the year 1991-92. Against this, an outlay of Rs. 10 lakh for the Annual Plan 1992-93 has been proposed out of Rs. 50 lakh proposed for the Eighth Plan period.

#### 4. OTHER EXPENDITURES :

Under this head expenditure is booked for construction of Food Craft Institute, Kufri, The estimated cost of this project is Rs. 49.69 lakh. Upto the year 1990-91 a sum of Rs. 53.80 lakh have been booked. A sum of Rs. 4 lakh has been provided for the year 1991-92. There is a demand of Rs. 5 lakh from the Public Works Department to complete this work as such a sum of Rs. 5 lakh has been kept to square up the work during the year 1992-93. There is a proposal to start 3 year diploma course in Food Craft Institute, Kufri, as such if the scheme materialises the scope of the Building is to be enlarged. As such a sum of Rs. 50 lakh has been proposed for the Eighth Plan.

#### 5. DIRECTION AND ADMINISTRATION :

There are 21 posts of different categories in the Directorate of Tourism at present. Infact there is only one Assistant Commissioner, One Superintendent, 3 Assisants, One Statistical Assistant to run the whole show. The other staff is supporting Staff who are either engaged in perepherial activities of typing, despatch, peon etc. and 7 posts of Senior Inspectors and Inspector Hotels are for looking after the Tourist Trade Act.

The staff is not sufficient to do the regulatory work even, what to talk of doing developmental work. Because of this the entire developmental work is at stand still which require strengthening. As such the following new posts are proposed for the Eighth Plan periods.

- |                                     |     |
|-------------------------------------|-----|
| 1. Planning and Development Officer | = 1 |
| 2. Publicity and Informtion Officer | = 1 |
| 3. Assistant                        | = 4 |
| 4. Clerks                           | = 8 |
| 5. Peons/Chowkidars etc.            | = 8 |

During the year 1991-92, an amount of Rs. 5.50 lakh has been provided under this scheme. Againt this, an utlay of Rs. 12 lakh for the Annual Plan 1992-93 has been proposed out of Rs. 80 lakh proposed for the Eighth Plan period for the strengthening of staff.

#### 6. TRAINING :

Training includes two parts :

1. Stipend to trainees in Food Craft Institute, Kufri, and Himachali candidates outside the State.
2. Grant in Aid to Food Craft Institute, Kufri, for the Staff.

There is a proposal to increase the stipend from Rs. 150/- to Rs. 300/- and also increase amount of Grant in Aid will have to be given due to increase in DA rates etc.

During the year 1991-92, an amount of Rs. 12 lakh has been approved. As such a provision of Rs. 15 lakh for 1992-93 and Rs. 90 lakh has been made for the entire Eighth Plan period under this scheme.

**7. PROMOTION AND PUBLICITY :**

Under this scheme, salaries to tourist information staff and expenditure of Publicity is incurred. An annual expenditure of Rs. 3.50 lakh is made on the staff and Rs. 35 lakh is made on Publicity annually. For the Eighth Plan (1992-97) a provision of Rs. 200 lakh is made for publicity @ 40 lakh per year and a sum of Rs. 68 lakh is earmarked for the creation of three regional offices at Dharamshala, Kullu and Shimla for promotional work. This provision includes for the creation of developmental activities at A-1 besides private sector will be involved in creating tourism infrastructure in the Tourist Centres. As such the following offices are proposed to be created at Dharamshala Manali and Shimla and each office is to be manned by the following staff :

1.	Deputy Director Tourism	1
2.	Superintendent Grade-II	1
3.	Assistant	2
4.	Clerk	2
5.	Peon/Chowkidar	3
6.	Trekking Guide Cum Store Keeper	1
		-----
	Total :	10
		-----

Under this scheme an amount of Rs. 38.50 lakh has been kept for the year 1991-92. Against this, an outlay of Rs. 50 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 268 lakh proposed for the Eighth Plan (1992-97).

**8. OTHER EXPENDITURE :**

Under this, provision of funds are provided for construction of office building fairs and festivals and hospitality to writers/mediamen/other departmental guests. An outlay of Rs. 10 lakh has been provided for this purpose during the year 1991-92. Against this, an outlay of Rs. 18 lakh for the Annual Plan 1992-93 has been proposed for this purpose out of Rs. 80 lakh proposed for the Eighth Plan period.

**9. INVESTMENT IN HIMACHAL PRADESH TOURISM DEVELOPMENT CORPORATION :**

During the year 1991-92 Rs. 40 lakh has been provided as a investment for Himachal Pradesh, Tourism Developmet Corporation. Against this, Rs. 20 lakh for the Annual Plan 1992-93 has been proposed for this purpose out of Rs. 100 lakh proposed for the entire Eighth Plan period.

**10. AREA DEVELOPMENTAL INFRASTRUCTURAL ACTIVITIES FOR SHIMLA REGION :**

It was decided at the Government level that an Integrated Area Development Plan may be formulated for the development of Tourism in Shimla region. The basic idea was that at least in one region Tourism activity may be so planned that the activities become visible. The major schemes formulated at an estimated cost of Rs. 1000 lakh but due to resource constraints the scheme has been slashed and a new scheme of Rs. 500 lakh has been formulated for the Eighth Plan period. The details are as under :

(Rs. in Lakh)			
Item	Approved Outlay Annual Plan (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Construction of Health Resort at Mashobra.	--	--	100
2. A Small recreation Park at Naldehra and laying of benches in the Wilderness area.	--	--	50
3. Development of Narkanda and Kupper Ski Slops.	--	--	50
4. Lift from Revoli cinema bus stand Shimla to Ridge or some other suitable place.	15	15	50
5. Development of picnic spots at Taradevi, Glen, Mashobara at Jakhoo temple or at some other suitable places where the land would be easily available.	-	--	50
6. Parking places in Shimla with facilities of local phone for public conveniences.	10	10	50
7. Way side facilities along the routes to satellite spots of Shimla town.	13	15	50
8. Development of Trekking.	--	--	50
9. Development of Civic amenities in Shimla town.	--	--	50
<b>Total :</b>	<b>38</b>	<b>40</b>	<b>500</b>

During the year 1991-92 an amount of Rs. 38 lakh has been approved under this scheme. Against this, an outlay of Rs. 40 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 500 lakh proposed for the entire Eighth Plan period.

**11. TRIBAL SUB-PLAN :**

During the year 1991-92, an amount of Rs. 30 lakh has been provided for the implementation of different schemes in tribal areas of the Pradesh. Against this, an outlay of Rs. 30 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 182 lakh proposed for the Eighth Plan period.

The scheme-wise break-up of these outlays is as under :

(Rs. in Lakh)

Scheme	Approved Outlay Annual Plan (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Tourist Accommodation	15	20	130
2. Promotion & Publicity	10	6	25
3. Other Expenditure	5	4	27
<b>Total :</b>	<b>30</b>	<b>30</b>	<b>182</b>

#### 4. SURVEY AND STATISTICS

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	44.14
Annual Plan actual expenditure (1990-91)	15.00
Annual Plan approved outlay (1991-92)	17.00
Annual Plan anticipated exp. (1991-92)	17.00
Annual Plan proposed outlay (1992-93)	21.00
Eighth Plan proposed outlay (1992-97)	135.00

With more and more emphasis on scientific planning, the need for reliable data on various aspects of economy has increased. In order to meet the growing demand of statistics for planning and administrative purpose, the statistical system in the States requires to be strengthened so as to enhance the availability of data with the minimum time lag and without sacrificing its quality. In view of this, the gradual expansion of the statistical organisation up-to block level is essential.

The Economics and Statistics Department is the apex statistical body in the State. The broad functions of this department are (i) coordination of all statistical activities in the State (ii) dissemination of all essential statistics (iii) organising special enquiries and surveys including participation in the National Sample Survey Programme, (iv) estimation of State income (v) Classification of budget of State and local self governments (vi) Collection of price data (vii) construction of index numbers (viii) census of Government employees (ix) preparation of reviews of economy of Himachal Pradesh (x) maintenance of liaison with the Central Statistical Organisation and other State Governments.

##### Seventh Five Year Plan (1985-90)

The Seventh Five Year Plan of Economics and Statistics Department was approved for a total outlay of Rs. 28 lakh including Rs. 4 lakh as State share for tribal-sub-plan. Besides, under the special central assistance for tribal areas, there was a provision of Rs. 25 lakh. During the period of Seventh Five Year Plan, an expenditure of Rs. 44.14 lakh including Rs. 3.16 lakh under tribal sub-plan was incurred under State Plan and Rs. 9.86 lakh under special central assistance for tribal areas as detailed below :

EXPENDITURE DURING SEVENTH PLAN

(Rs. in Lakh)				
Years	State Plan (other than Tribal)	Tribal Sub-Plan	Total	Special Central Assistance
1.	2.	3.	4.	5.
1985-86	3.69	0.46	4.15	3.33
1986-87	3.97	0.60	4.57	1.53
1987-88	5.29	1.00	6.29	1.60
1988-89	13.93	1.00	14.93	1.40
1989-90	14.10	0.10	14.20	2.00
<b>Total :</b>	<b>40.98</b>	<b>3.16</b>	<b>44.14</b>	<b>9.86</b>

During the Seventh Five Year Plan, there were three plan schemes viz (i) Strengthening of Staff of Economic Advice and Statistics, (ii) Provision of Statistical Staff at Sub-district/block level (iii) Capital Formation and preparation of district level estimates of SDP. The staff component in these schemes was as under :

Name of Scheme	Staff			Total
	Continued from Sixth Plan	Created during Seventh Plan		
1.	2.	3.	4.	
<b>A. State Plan Schemes :</b>	DSO = 1			
1. Strengthening of Staff of Economic Advice and Statistics.	Clerk = 1 Peon = 2	Assistants = 10 Chowkidar = 9		
	4	19	23	
2. Provision of Statistical Staff at sub-distt./ Block level.	--	S.A.'s = 23	23	
3. Capital Formation & Preparation of Distt. Level estimates of SDP	--	--	--	

1.	2.	3.	4.
<b>B. Tribal Sub-Plan :</b>			
4. Continuation of exp. for State Headquarters	F.I. = 2*	--	2*
5. Expenditure of Const. of Staff Quarters at Reckong Peo.	--	--	--
<b>Total Posts</b>	<b>4</b>	<b>42</b>	<b>46</b>

* Posts have been surrendered.

All these posts continued as a plan posts during the year 1990-91 and 1991-92. During the Annual Plan 1990-91 the actual expenditure incurred under head survey and statistics was of the order of Rs. 15 lakh and against this, an amount of Rs. 17 lakh has been provided for the Annual Plan 1991-92, which will be utilised in full.

#### Strategy for the Development of Statistics in Eighth Plan

A meeting with the Directors of Economics and Statistics of various States was held in New Delhi on 20th and 21st April, 1989 in the Central Statistical Organisation. As per recommendations, the broad strategy for the development of statistics during Eighth Five Year Plan would be the continuation of the major schemes taken-up during the Seventh Five Year Plan to fill up the data gap in vital sectors of economy and inclusion of certain new schemes :

1. Strengthening of Statistical Machinery at State/ District/ Block Level.
2. Capital formation and S.D.P. estimation at District level.
3. Strengthening EDP infrastructure at state/district level and Desk Top Printing Facilities for timely processing and dissemination of data.
4. Pooling of results of Central and State sample of NSS.
5. Housing and Building Statistics.
6. Statistics on newly emerging areas viz (i) Environment Statistics, (ii) Women and Children etc.
7. Provision for construction of office and residential buildings.



Besides, a central scheme on the 3rd Economic Census has been undertaken on a uniform pattern throughout the country and the field work is over by now.

Out of the above schemes, the scheme at Sr.No. 1 was implemented in the Pradesh during the Seventh Five Year Plan under two schemes viz (i) Strengthening of staff at sub-district/Block level.

Whereas during the Annual Plan 1990-91 and 1991-92, the scheme (ii) i.e. provision of statistical staff at sub-district/Block level was not implemented as a separate scheme but merged with the scheme (i) and only one scheme viz, strengthening of staff of Economic Advice and Statistics was implemented. During the Seventh Five Year Plan, 10 posts of Assistants and 9 posts of chowkidars were created and filled-up under the scheme 'strengthening of staff of Economic Advice and Statistics'. No technical staff could be created under this scheme during Seventh Five Year Plan due to financial constraints. Similarly during the Annual Plan 1990-91 and 1991-92, no post was sanctioned due to financial constraints. Further, with the passage of time need is now being felt for the generation of statistics for certain new sectors like environment statistics and women and children statistics. Environment statistics are needed by organisations primarily responsible for environmental protection, formulation of policies and programmes and implementation etc.

The scheme, Provision of Statistical Staff at sub-district/block level could be implemented partially during the Seventh Five Year Plan. During the Seventh Five Year Plan the State Government has agreed to provide one Statistical Assistant in each non-tribal C.D. blocks in view of the growing needs of data at village, panchayat and block level in the wake of decentralisation of planning process. During 1988-89, a beginning in this direction was made and 23 posts of Statistical Assistants were created and the persons were posted in 23 blocks. During 1989-90, similar number of posts were proposed to be created but these could not be created due to financial constraints. Further no post was created during 1990-91 and 1991-92 under this scheme.

As regards the scheme on Capital Formation and preparation of SDP at district level, the State Government realised the importance of this in the light of the requirements of the Planning Commission and the recommendation of the Central Statistical Organisation. The Government had agreed for the implementation of this scheme during the last year of the Seventh Plan i.e. 1989-90 but the scheme could not be implemented due to non-creation of posts.

There is no office accommodation for this department at Shimla and need was felt to acquire office accommodation at Kasumpti Zonal Centre-I under the self financing schemes of the Shimla Development Authority. This scheme has not been included in the Eighth Plan due to financial constraints. Further, under Tribal Sub-Plan (State Sector) the scheme 'Expenditure on construction of staff quarters at Reckong-Peo' which is a

continuing scheme from 6th Five Year Plan is proposed to be continued during the Eighth Plan. Under this scheme, 1 type IV, 2 type III, 4 type II, and 2 type I staff quarters were envisaged to be constructed at Reckong-Peo with an estimated cost of Rs. 6.77 lakh, later revised to Rs. 7.52 lakh. Funds are being allotted from year to year w.e.f. 1983-84. Upto the end of Seventh Five Year Plan, an amount of Rs. 4.70 lakh (Rs.2.10 lakh under SCA scheme, Rs. 2.60 lakh under Tribal Plan State Sector) has been placed at the disposal of the PWD authorities at Reckong-Peo. Further, during 1990-91 an amount of Rs. 1.00 lakh was placed at the disposal of PWD authorities. During 1991-92 Rs. 1 lakh is proposed to be spent under this scheme. As against this amount of Rs. 3.11 lakh has been spent by the PWD and one type IV quarter has been completed. For other quarters, site has been earmarked and construction is expected to be started soon. The balance amount with the PWD at the end of 1990-91 is Rs. 2.59 lakh.

The expenditure on Tribal Research Institute/Project is a continued scheme. During 1979-80, it was proposed to establish a Tribal Research Institute/Projects under Special Central Assistance. But the setting-up of such an Institute and appointment of huge team of Officers was not feasible within the meagre amount. As such research work on anthropological, sociological, linguistic, cultural, physiological etc. aspects in tribal areas was proposed to be got done by awarding scholarships to Ph.D students of the universities of the Pradesh. In addition, certain evaluation studies were also got done in the tribal areas through the universities. The studies completed under this scheme were (i) study on Agronomic Constraints of Cash Crops (Other than fruits) in Lahaul Valley, (ii) Study on Wood Carving in Bharmour, (iii) study on Agronomic constraints of fruits crops in Kinnaur District (iv) Evaluation study of Kinnaur I.T.D.P.

This type of research work is proposed to be continued during the Eighth Five Year Plan by opening a separate cell in the department and conducting most of the studies ourselves.

Under this head an outlay of Rs. 135 lakh for the Eighth Plan (1992-97) and an outlay of Rs. 21 lakh for the Annual Plan (1992-93) has been proposed for the implementation of different schemes. The scheme-wise details under this head are discussed as under :

**I. STATE PLAN SCHEMES :**

**1. Strengthening of staff at State Headquarter, Districts and Block Level :**

Under the scheme relating to strengthening of staff of Economic Advice and Statistics, there were four posts continuing from the Sixth Plan (District Statistical Officer - 1, Clerk - 1 & Peon - 2) and 10 posts of Assistants and 9 posts of Chowkidars were newly created and filled-up during Seventh Five Year Plan. Under a Tribal Sub-plan scheme, 2 posts of FIs were continuing from the Sixth Plan which were surrendered during 1989-90.

Similarly under the scheme relating to provision of staff at sub-district/block level, 23 posts of Statistical Assistants were created in the first phase to be provided in block for collection and maintenance of block, panchayat and lower level data. Out of these 48 posts, 2 posts of FIs have already been surrendered and the remaining 46 posts will continue during the Eighth Plan. A provision of Rs. 16 lakh has been made for the year 1991-92 which will be utilised in full. During 1992-93, a provision of Rs. 20 lakh has been proposed out of Rs. 127 lakh proposed for the entire Eighth Plan period.

**2. Really New Schemes :**

**Estimation of Capital Formation and preparation of District Estimates of State Domestic Product :**

Estimation of Capital Formation at the State level is as important as the estimation of the State Domestic Product (State Income). Whereas State Domestic Product is a composite indicator which reflects the growth of an economy, the estimates of Capital Formation provide an indicator of growth of productive potential of the economy. The estimates of the Capital formation are also required for developing a system of accounts at the State Level. The Planning Commission and State Government has also been laying emphasis for the generation of these estimates. In this background, this scheme has already been approved by the State Government and was included in the budget for 1989-90. However, due to financial constraints the posts could not be created till 1991-92 and as such, this scheme now comes as a really new scheme in the Eighth Plan. The staff under this scheme will be as below:

Name of the post	Number
Deputy Director	1
Research Officer	1
Total	2

An outlay of Rs. 5 lakh for the Eighth Plan (1992-97) and an outlay of Rs. 0.50 lakh for the Annual Plan (1992-93) has been proposed under this scheme.

**II. TRIBAL SUB-PLAN :**

**Continuing Scheme :**

**1. Continuation of expenditure on the construction of staff Quarters at Reckong-Peo :**

Under this scheme one type IV, two type III, four type II and two type I staff quarters were envisaged to be constructed at Reckong-Peo with an estimated cost of Rs. 7.52 lakh. The original estimated cost of this project was Rs. 6.77 lakh. Under this

scheme, the funds for this project are being allotted on year to year basis with effect from 1983-84. Upto the end of Seventh Plan, an amount of Rs. 4.70 lakh has been placed at the disposal of Himachal Pradesh P.W.D. authorities at Reckong-Peo and one type IV quarters has already been completed with a cost of Rs. 3.11 lakh. Thus a balance of Rs. 2.59 lakh is lying with the PWD at the end of 1990-91. The site for the remaining accommodation has already been earmarked in sector No. - I at Reckong Peo.

A provision of Rs. 1 lakh has been kept for the year 1991-92 which will be utilised in full. Accordingly a provision of Rs. 1 lakh is proposed for the year 1992-93 and Rs. 8 lakh for the Eighth Plan period.

### **III. SPECIAL CENTRAL ASSISTANCE :**

#### **Really New Scheme :**

#### **Establishment of a Cell for Tribal Research Studies :**

In 1979-80 it was proposed to establish a Tribal Research Institute/Projects under the Special Central Assistance. But the setting-up of such an institute and the appointment of huge team of officers and staff requires a large sum of money. As such research work on anthropological, sociological, linguistic, cultural physiological etc. aspects in tribal areas was proposed to be got done by awarding scholarships to Ph.D students of the universities of the State under the scheme tribal research institute/projects. Under this scheme, 9 scholarships were awarded for conducting the research work on various socio-economic aspects of tribal areas. Besides, 15 evaluation studies were also got done through the universities etc. It has been observed that the scholarships awardees did not submit the thesis in time and as result of late submission of these thesis the purpose for which the scholarships were awarded was not served to the desired extent. Similar is the case of evaluation studies. As such it is proposed to establish a cell for tribal research studies in this department with suitable staff strength. This cell will be strengthened during the Eighth Plan periods. During the year 1991-92 an amount of Rs. 2 lakh has been approved under this scheme. Against this, an outlay of Rs. 2 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 15 lakh proposed for the entire Eighth Plan period.

### **IV. CENTRALLY SPONSORED SCHEME :**

#### **(Really New Scheme)**

#### **1. Third Economic Census :**

The first Economic Census was conducted in the last quarters of 1977 and the second was conducted in 1980 alongwith the house-listing operations of 1981 population census. This economic census has now become a regular decennial feature and now the field work of 3rd Economic Census has been done alongwith the

Houselisting Operations of the 1991 Census. During the previous Economic Census, some posts were created for 2 years and expenditure was borne by the Government of India. These posts were later disbanded. Now for the 3rd Economic Census, the Government of India have given 4 posts to smaller states for 2 years i.e. 1990-91 and 1991-92. These posts are as below :

1.	Deputy Director	1
2.	Technical Assistants	2
3.	Investigator	2
4.	Clerk-cum-Typist	1
~~~~~		
	Total :	6
~~~~~		

These persons will do the scrutiny, coding and report writing for the entire data emanating from the listing operations. During 1990-91 an expenditure of Rs. 5.08 lakh was incurred whereas during 1991-92 an amount of Rs. 8 lakh has been provided under this scheme. During 1992-93, a skelton staff consisting of one Deputy Director and one Technical Assistant is proposed to be kept for computing and report writing etc. For the year 1992-93, a provision of Rs. 3 lakh is proposed for which the Government of India is being approached.

#### 4. WEIGHTS AND MEASURES :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	18.70
Annual Plan actual expenditure	(1990-91)	5.54
Annual Plan approved outlay	(1991-92)	8.00
Annual Plan anticipated exp.	(1991-92)	8.00
Annual Plan proposed outlay	(1992-93)	10.00
Eighth Plan proposed outlay	(1992-97)	60.00

The Weights & Measures Organisation has an important role in every sphere of developing economy. The progress of trade and industry depends upon the correct Weights & Measures. It is the duty of the Government to ensure that the consumer gets the correct quantity in weights or measures in return of the value of money tendered by him to the shopkeeper. Also it has to ensure that shopkeeper charges correct retail sale price on the packaged commodities from the consumers. To meet up the above requirements, the Government has set-up the Weights & Measures Organisation under the administrative control of the Food & Supplies Department of Himachal Pradesh to maintain the accuracy and Standards in all Weights/Measures/Weighing and measuring instruments by verifying them with the Working Standards every year and ensure through its enforcement agency that correct delivery of goods are made to the consumers and correct retail sale price is charged on the packaged commodities.

The Weights & Measures Organisation Himachal Pradesh has been entrusted to enforce the following laws in the Pradesh :

1. State Law                      The Standards of Weights & Measures (Enforcement) Act, 1985 and Rules, 1988.
2. Central Law                    The Standards of Weights and Measures Act, 1976 and Packaged Commodities Rules, 1977, and other Rules made thereunder.

Under the State Act/Rules, all the Weights and Measures, weighing and measuring instruments are verified and stamped by the Weights & Measures Organisation once in every twelve months so as to maintain accuracy in them and thereby ensuring fair transaction in trade and commerce.

Under the Central law, the enforcement staff of Weights & Measures Organisation H.P. is exercising check on the Pack-aged Commodities with regard to the mandatory declarations under Rule 6(1) including sale price and net quantity of the commodities. It is ensured that the traders charge correct retail sale price on Packaged Commodities and deliver correct quantity of such commodities to the consumers.

Besides safeguarding the interests of the consumers, this Organisation is also earning revenue by way of verification and stamping fees of Weights & Measures and composition sum on account of composition of offences under the said laws. The revenue figures for the last three years are as under :

1988-89	Rs. 12,57,451/-
1989-90	Rs. 12,73,267/-
1990-91	Rs. 13,68,839/-

At present, the Pradesh has been divided into 22 circles under charge of one Inspector, Weights & Measures each. The volume of work has increased manifold due to the entursting of the enforcement of Standards of Weights and Measures Act, 1976 and Packaged Commodities Rules, 1977 (Central Law) to the Weights & Measures Organisation, Himachal Pradesh. More and more activities pertaining to Legal Meteorology in the fields of human and animal protection and Industrial Measurements are now covered under the newly enforced Act. i.e. Standards of Weights & Measures (Enforcement) Act, 1985/Rules, 1988 for which the enforcement agency is required to be strengthened adequately.

During the Annual Plan 1990-91, Rs. 554 lakh were spent under this head for the different schemes and against this an amount of Rs. 8 lakh has been provided for the year 1991-92 which will be utilised in full. Against this, an outlay of Rs. 10 lakh for the Annual Plan (1992-93) and Rs. 60 lakh for the Eighth Plan has been proposed under this head of development.

The schematic details are as under :

**1. Continued Expenditure of Staff and Contingency Expenditure :  
(Non Tribal Areas )**

There are 11 posts of different categories existing under TNS Plan during the year 1991-92 which are required to be continued during the Eighth Plan to protect the interest of the consumers and to enforce the provisions of the State and Central laws on Weights & Measures and packaged commodities. For this purpose an outlay of Rs. 52 lakh for the Eighth Plan and an outlay of Rs. 9 lakh for the Annual Plan 1992-93 has been proposed. The beak-up of these outlays are as under :

Scheme	(Rs. in Lakh)	
	Eighth Plan Outlay (1992-97)	Annual Plan (1992-93)
1. Establishment Charges	45.00	6.00
2. Purchase of sets of working standards balances tools and other equipments & contingencies.	7.00	3.00
<b>Total :</b>	<b>52.00</b>	<b>9.00</b>

## 2. Continued Expenditure of Staff Tribal Area Sub Plan :

There are 2 posts viz. Assistant Controller and Manual Assistant exist in the Tribal Sub-Plan which will be continued in the Eighth Plan to protect the interest of Tribal people and ensure fair transaction in Weights & Measures and packaged commodities. An outlay of Rs. 8 lakh has been proposed for the Eighth Plan and Rs. 1 lakh for the Annual Plan 1991-92 under this scheme.

## 5. CIVIL SUPPLIES :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	265.32
Annual Plan actual expenditure	(1990-91)	534.16
Annual Plan approved outlay	(1991-92)	364.00
Annual Plan anticipated exp.	(1991-92)	364.00
Annual Plan proposed outlay	(1992-93)	893.00
Eighth Plan proposed outlay	(1992-97)	4667.00

The department of Food and Civil Supplies is entrusted with the responsibilities of making available essential commodities through out the State through Public Distribution System and Private Trade Channel besides, implementation of the Essential Commodities Act, 1955 and other Central Acts and orders made thereunder. The basic strategy adopted for the Eighth Plan (1992-97) is proposed as under :

- a) Augmentation of Administrative machinery and essential commodities Act and other Central Acts.
- b) Creation of Infrastructure for supplying essential commodities especially in far flung areas.
- c) Strengthening of Public Distribution System.
- d) Construction of office/residential accommodation.

To meet the aforesaid goal, the department has also to ensure that the prices of essential commodities being sold through Private Trade Channel are reasonable and not speculative. As such administration of various control orders issued under the State and Central Acts is one of the responsibilities of the Department of Food and Supplies. The department is also involved in procuring and supply of food-grains. The stocks are procured from the Central pool through the Food Corporation of India, transported and stored at various central points in the interiors including Tribal Areas for further distribution to the consumers.

The actual expenditure incurred under this head of development during the year 1990-91 was of the order of Rs. 534.16 lakh and against this Rs. 364 lakh has been approved for the year 1991-92 which will be utilised in full. Against this, an outlay of Rs. 893 lakh for the annual plan 1992-93 and Rs. 4667 lakh for the Eighth Plan periods has been proposed.



The schematic details are as under :

(अनुसूची 1)

Sr. No.	Name of Scheme	Annual Plan 1991-92		Proposed Outlay	
		Approved Outlay	Anticipated Expenditure	Eighth Plan (1992-97)	Annual Plan (1992-93)
1.	2.	3.	4.	5.	6.
<b>1. Price Stabilisation Scheme :</b>					
a)	Augumentation of Staff.	31.88	31.88	247.00	36.86
b)	Consumer Protection.	10.00	10.00	78.00	12.00
c)	Kerosene oil Subsidy.	1.50	1.50	12.00	2.00
<b>2. Procurement &amp; Supply :</b>					
a)	Construction of Godowns	14.00	14.00	109.00	16.00
3.	Construction of Office/ Residential Buildings.	5.50	5.50	60.00	9.00
4.	Investment of H.P.State Civil Supplies Corp.	1.00	1.00	60.00	1.00
5.	Subsidy on Wheat to the Antodaya Families.	266.00	266.00	3504.00	738.00
6.	Subsidy on Wheat, Wheat Flour, Salt and Rice.	34.00	34.00	576.00	78.00
7.	Other Schemes.	0.12	0.12	21.00	0.14
<b>Total :</b>		<b>364.00</b>	<b>364.00</b>	<b>4667.00</b>	<b>893.00</b>

A description of each scheme is given as under :

**I. PRICE STABILISATION SCHEMES :**

**1. Augmentation of Staff :**

In Himachal Pradesh there are 3255 Fair price Shops and approximately 65,000 Commercial establishments, which require effective enforcement of various order, regulation and instructions issued by the Government under Essential Commodities Act. The Fair Price Shops coming under the jurisdiction of one Inspector for the purpose of inspection and ensuring proper supplies comes in certain cases to the tune of 80 which is far in excess keeping in view the remoteness of the Pradesh. Besides, the Department continue to handle procurement and distribution of Wheat, which is the main item of consumption and constitutes the bulk of supplies. There are 96 Tehsils/Sub-Tehsils, 44 Government owned and 81 privately hired godowns from where the

Department is arranging distribution of wheat. Against this, the Department has only 144 posts of Inspectors/Sub-Inspectors which is far less than the actual requirement. As a consequence, one Inspector has had to handle 5-6 godowns which is practically not feasible. Hence, it is of paramount importance to strengthen the administrative machinery particularly in the field. During the year 1991-92 Rs. 31.88 lakh has been proposed for augmentation of the staff at the State and district level under this scheme. Against this provision, Rs. 36.86 lakh for the Annual Plan 1992-93 and Rs. 247 lakh for the Eighth Plan has been proposed under the scheme.

## **2. Kerosene Oil Subsidy :**

The Department is subsidising transportation cost of Kerosene in respect of supplies being made to Pangi and Dodra-Kawar from out of plan funds. The other areas that is Kinnaur and Lahaul and Spiti district, Bharmour Division of Chamba District, Chhota Bangal and Bara Bangal of Kangra district, Barrel and Mangal Panchayats of Solan district and Karga and Kusva areas of kullu district are also proposed to be provided the facility of subsidizing the transportation cost of Kerosene oil. The department is also subsidizing the transportation cost of Iodized Salt in respect of supplies being made to far-flung areas. Under this Scheme funds to the tune of Rs. 1.50 lakh has been provided for the year 1991-92. Against this, an outlay of Rs. 2 lakh for the Annual Plan 1992-93 and Rs. 12 lakh for the Eighth Plan has been proposed for subsidy on Kerosene oil.

## **3. Consumer Protection :**

For consumer protection scheme. Rs. 10 lakh has been approved for the Annual Plan 1991-92. Against this, an outlay of Rs. 12 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 78 lakh for the Eighth Plan.

## **II. CONSTRUCTION OF GODOWNS :**

Under this scheme, construction of godowns for the storage of foodgrains at strategic points have been taken up to generate storage capacity. So far, the department has constructed 44 godowns with a storage capacity of 13650 M. tonnes. The target under the scheme is to construct 28 godowns out of which 24 godowns were under construction during the Seventh Plan period. It is proposed to complete these godowns in the Eighth Plan in addition to start the work of four more new godowns during the year 1992-93. For this purpose funds to the extent of Rs. 14 lakh has been provided for the year 1991-92. Against this provision, Rs. 16 lakh for the year 1992-93 and Rs. 109 lakh for the Eighth Plan has been proposed under this scheme.

### III. INVESTMENT OF H.P. STATE CIVIL SUPPLIES CORPORATION :

The authorised Share Capital of H.P. State Civil Supplies Corporation has been enhanced from Rs. 3 crore to 4 crore. Against this, the paid-up share capital is of the order of Rs. 3.40 crores. A sum of Rs. 60.00 lakh has been proposed to be spent during Eighth Plan and Rs. 1 lakh during the Annual Plan 1992-93.

### IV. SUBSIDY ON WHEAT TO THE ANTYODAYA FAMILIES AND OTHERS :

From 15th August, 1990 the State Government has introduced a new scheme to provide subsidized ration every month to the Antyodaya families in the Pradesh. The scale of ration to be provided is as under :

WHEAT	4 Kg. each adult and 2 Kg. to each.	Rs. 1.50 per Kg.
RICE	1 Kg. to each adult and 1/2 Kg. to child.	Rs. 2.50 per Kg.
SALT	1 Kg. to each family.	Rs. 0.20 per Kg.

In the first phase (1990-91) this is provided to about one lakh families identified by the Antyodaya Department, on the ration cards. It has been decided to provide subsidised ration to about two lakh Antyodaya families during the year 1991-92. The scheme will be continued during the Eighth Plan periods. For this purpose funds to the tune of Rs. 267.84 lakh has been provided during the year 1991-92 and against this Rs. 400 lakh will be spent. Against this, an outlay of Rs. 816 lakh for the Annual Plan 1992-93 and an outlay of Rs. 4000 lakh has been proposed for the Eighth Plan period under this scheme.

### V. OTHER SCHEMES :

#### a) REPLACEMENT OF VEHICLES :

An outlay of Rs. 20.10 lakh has been proposed for the replacement of departmental vehicles during the Eighth Plan periods.

#### b) OTHER CHARGES (COMPOSITE TESTING LAB.) :

Under this scheme, funds to the tune of Rs. 0.12 lakh has been provided during the Annual Plan 1991-92. Against this, an outlay of Rs. 0.14 lakh for the Annual Plan 1992-93 and Rs. 0.90 lakh for the Eighth Plan periods has been proposed under this scheme.

6. OTHER GENERAL SERVICES :

a) Institutional Finance and Public Enterprises :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	23.92
Annual Plan actual expenditure	(1990-91)	3.00
Annual Plan approved outlay	(1991-92)	6.00
Annual Plan anticipated exp.	(1991-92)	6.00
Annual Plan proposed outlay	(1992-93)	8.00
Eighth Plan proposed outlay	(1992-97)	50.00

Institutional Finance and Public Enterprises was set-up in November, 1982. The main activities of the organisation with relevance to banks and public sector undertakings are as listed below :

1. To function as a nodal agency between the financial institutions and sectoral Government departments where more than a department is concerned, on matters relating to programmes implemented with institutional credit support.
2. To monitor the performance of commercial banks towards developmental programmes in the State.
3. To monitor the programmes and activities of public sector undertakings in consultation and coordination with concerned Government departments.
4. To act as Finance Department on all service matters, pay scales, creation of posts and financial sanctions.
5. To evaluate the implementation of social security scheme for poor families.

The Institutional Finance & Public Enterprises Department has no-direct developmental activity as is clear from the functions indicated above. The plan outlay for this department is utilized for staff support only annually and for investment in Regional Rural Banks occasionally as and when there is a directive of the Government of India for participation in the share capital of these banks.

During the Seventh Five Year Plan (1985-90) the actual expenditure incurred under this head was of the order of Rs. 23.92 lakh. The actual expenditure incurred under this head during 1990-91 was to the tune of Rs. 3 lakh and against this an amount of Rs. 6 lakh has been approved for the Annual Plan 1991-92 which will be utilised in full. For the Annual Plan 1992-93,

an outlay of Rs. 8 lakh has been proposed out of Rs. 50 lakh proposed for the entire Eighth Plan periods under this head of development. The proposed outlays for the Eighth Plan (1992-97) will be spent on the following schemes :

1. Strengthening of Financial Institutions and Public Enterprises.
2. Investment in Regional Rural Banks.
3. Subsidising the cost of establishing a stock Exchange at Shimla.

**b) District Planning :**

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	1215.30
Annual Plan actual expenditure (1990-91)	655.82
Annual Plan approved outlay (1991-92)	984.00
Annual Plan anticipated exp. (1991-92)	984.00
Annual Plan proposed outlay (1992-93)	1000.00
Eighth Plan proposed outlay (1992-97)	10,000.00

**LOCAL DISTRICT PLANNING :**

As a step in the process of decentralised Planning a nucleus budget for local district planning has been provided for all the districts except tribal areas to be utilised by the Deputy Commissioners for local development works where adequate normal and specific provisions are not available. The Deputy Commissioners are the sanctioning authorities on the recommendations of the Antodaya Vikas and Grievance Committee. Each scheme to be sanctioned under the local District Planning works must benefit at least five households as per the definition of a household in the Census 1981. The funds are allocated to the districts on the basis of 60 percent population and 40 percent area basis.

During the Seventh Five Year Plan (1985-90) an expenditure of Rs. 1215.30 lakh was incurred under this head of development on different schemes. The actual expenditure incurred under this head during the year 1990-91 was of the order of Rs. 655.82 lakh and against this, an amount of Rs. 984 lakh has been approved for the year 1991-92 which will be utilised in full. For the Annual Plan (1992-93) an outlay of Rs. 1000 lakh has been proposed out of Rs. 10,000 lakh proposed for the entire Eighth Plan periods.

**B. SOCIAL SERVICES :**

**XI. EDUCATION, SPORTS, ART AND CULTURE :**

**1. Primary Education :**

(Rs. in Lakh)

Seventh Plan actual expenditure	(1985-90)	1619.45
Annual Plan actual expenditure	(1990-91)	519.60
Annual Plan approved outlay	(1991-92)	628.00
Annual Plan anticipated exp.	(1991-92)	628.00
Annual Plan proposed outlay	(1992-93)	944.00
Eighth Plan proposed outlay	(1992-97)	6290.00

Education particularly at the primary stage is one of the most important national activity. It is the back-bone of envisaged progress of any country. The aim of education is not only to equip the child with skills necessary for earning a livelihood but also to create an awareness and sensitivity to social and environmental realities, from time to time great stress has been laid upon the elementary education.

Himachal Pradesh came into being in 1948 and at the time of its formation it ranked lowest in the comity of States/Union territories in literacy. The literacy percentage was just 7% (census 1951) as against national average of 16.6%. During the year, 1948-49 there were only 268 primary schools in the Pradesh.

In order to provide education to all children in the age group of 6-11 and strengthening the standard of primary education, a separate Primary Education Directorate was set-up in 1984 by the Government of Himachal Pradesh. Like District Education Officer, separate District Primary Education Officers are working in the District to look to the administration and other functions. At the lower level there are 114 Block Primary Education Officers who have been provided with requisite staff for the discharge of inspection duty and financial matters of Primary School teachers working in Primary Schools under their jurisdiction.

In order to fulfil constitutional directive, we are supposed to provide primary school facility at a distance of 1 Km. As per Fifth Educational Survey; 1468 more primary schools will be required upto 1995 in order to achieve the target of universalisation of Primary Education. 684 New Primary Schools have been opened during the Seventh Five Year Plan period 1985-90 and during the year 1990-91, 100 more new primary schools have been opened. As such the total number of primary schools in the Pradesh as on 31.3.1991 were 7548.

## REVIEW OF SEVENTH FIVE YEAR PLAN

An outlay of Rs. 970.90 lakh was approved for the Primary Education during the Seventh Five Year Plan against which an expenditure of Rs. 1619.45 lakh has been incurred as per detail given below :

( Rs. in Lakh )		
Year	Total outlay	Expenditure
1.	2.	3.
1985-86	71.00	,81.80
1986-87	112.62	270.61
1987-88	192.08	452.74
1988-89	275.20	322.22
1989-90	320.00	492.08
TOTAL :	970.90	1619.45

## MAIN ACHIEVEMENTS

### EXTENSION OF EDUCATIONAL FACILITIES

During the Seventh Five Year Plan (1985-90), 684 new Primary Schools were opened as detailed below :

<u>Year</u>	<u>No of Primary Schools</u>
1985-86	110
1986-87	150
1987-88	114
1988-89	150
1989-90	160
Total :	684

## INCENTIVES

With a view to encourage enrolment of children in the primary classes especially belonging to weaker section. The following kind of incentives were provided :

- i) Scholarship and Stipend @ 4/- PM.
- ii) Girls attendance scholarship @ Rs. 2/- P.M.
- iii) Educational Grant to children of Armed Forces Personnel @ Rs. 10/- PM. and Rs. 5/-PM subject to the condition of disability.
- iv) Scholarship to the children of Military personnel working in forward areas @ Rs. 10/-PM and Book grant @ Rs. 5/- P.M.

- v) Free Text books for Tribal Students in the Tribal Area of Chamba, L&S and Kinnaur District.
- vi) Scholarship to the Tribal Students on Lahaul & Spiti pattern.
- vii) Free clothing to girls students @ Rs. 50/-.
- viii) Free writing materials @ Rs. 5/- each.

#### OTHER PROGRAMMES

Other programmes implemented during the Seventh Five Year Plan are :

- i) 5892 posts of volunteer teachers for Pry. Schools.
- ii) 5937 P.T.W.S. for Primary Schools.
- iii) In all 3300 posts of Head teachers were created out of which 800 created during the year 1985-86.
- iv) 657 posts of Centre Head teacher were provided.

#### CENTRALLY SPONSORED SCHEMES

During the Seventh Five Year Plan under the new policy on education i.e. scheme of Operation Black Board was implemented for strengthening the standard of Primary Education in the Pradesh. Under 1st Phase 1987-88 of the scheme a sum of Rs. 222.88 lakh was incurred on the salary of 511 JBT teachers provided in single teacher primary schools and a sum of Rs. 118.09 lakh on teaching and learning materials consisting of text book/library educational charts/play games/news papers/Journals/Music instruments/ furniture for teachers/ black board and water facilities etc. Under 2nd phase 1988-89 of the scheme a sum of Rs. 332.95 lakh on account of salary of 499 posts of JBTs provided in single teacher schools (Primary) and a sum of Rs. 158.11 lakh on equipments was incurred. Under 3rd Phase of scheme 1989-90, 931 JBT posts for single teacher Primary Schools are provided and a sum of Rs. 274.52 lakh was sanctioned on account of salary of these posts. In this way all the Primary Schools in the Pradesh have been covered under the scheme Operation Black Board.

#### TEACHER EDUCATION PROGRAMME

Under the teacher education programme four District Institute of Education and Training were sanctioned by the Government of India for this Pradesh during the year 1988-89 and a sum of Rs. 129.30 lakh was sanctioned for the purpose. A sum of Rs. 122.50 lakh is being spent on construction of buildings for these institutes while a sum of Rs. 6.80 lakh has been spent in 1990-91. These institutes being established in Chamba, Kangra, Bilaspur and Shimla District.



**ANNUAL PLAN-1990-91 :**

An outlay of Rs. 520 lakh has been approved for the Annual Plan 1990-91 against which an expenditure of Rs. 519.60 lakh was incurred.

100 New Primary Schools have been opened during the Annual Plan 1990-91.

**ANNUAL PLAN 1991-92 :**

For Annual Plan 1991-92 an outlay of Rs. 628 lakh has been approved.

**EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93) :**

An outlay of Rs. 6290 lakh has been proposed for Eighth Plan (1992-97) and Rs. 944 lakh for the Annual Plan (1992-93) for the continuation of various programmes and new programmes. The schematic break-up of these proposed outlays is as under :

(Rs. in lakh )

Head /Scheme	Proposed Outlay	
	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.
1. Direction & Administration	18.00	100.00
2. Equipments	14.00	77.50
3. Maintenance of Building	60.00	330.00
4. Govt. Pry. Schools 934-C	374.57	2919.05
5. Govt. Pry. School (Antyodaya)	153.00	780.00
6. Grant in aid	2.00	10.00
7. Inspection (Distt./Block level)	29.06	161.30
8. Teachers & Other Services :		
a) Vol. Trs. 5892-C		
b) P.T.W.C. 6037-C, 150/750 N	156.37	1176.65
c) Vol. Trs. 6617 Posts	83.00	415.00
9. Teacher Training	0.80	4.46
10. Incentives	28.00	170.00
11. Other Expenditure :		
a) Cold weather charges	25.00	145.04
b) Publicity	0.20	1.00
<b>Total :</b>	<b>944.00</b>	<b>6290.00</b>

The schematic details of the important schemes are as under

## 1. DIRECTION AND ADMINISTRATION :

During the year 1991-92, an amount of Rs. 18 lakh has been provided for the continuation of expenditure on 29 posts of different categories at the headquarters and also for other office expenses under this scheme. Against this, an outlay of Rs. 18 lakh has been proposed for the Annual Plan (1992-93) out of Rs. 100 lakh proposed for the entire Eighth Plan (1992-97) for this purpose.

## 2. EQUIPMENTS :

An outlay of Rs. 10 lakh has been kept for the purchase of different type of equipments during the year 1991-92 which will be utilised in full. Against this provision, an outlay of Rs. 14 lakh has been proposed for the Annual Plan 1992-93 for this purpose out of Rs. 77.50 lakh proposed for the entire Eighth Five Year Plan.

## 3. MAINTENANCE OF SCHOOL BUILDINGS :

An outlay of Rs. 330 lakh has been proposed for the maintenance of school buildings for the Eighth Plan (1992-97). Out of this, an outlay of Rs. 60 lakh will be utilised for this purpose during the Annual Plan 1992-93.

## 4. OPENING OF PRIMARY SCHOOLS/NEW PRIMARY SCHOOLS FOR REDRESSAL OF REGIONAL IMBALANCES :

During the Annual Plan 1991-92, an outlay of Rs. 314.65 lakh has been approved for meeting the continued expenditure on 934 primary schools. Against this, an outlay of Rs. 374.57 lakh has been proposed for the Annual Plan 1992-93 for meeting the continued expenditure and new expenditure out of Rs. 2919.05 lakh proposed for the entire Eighth Plan (1992-97). It is proposed to open 750 new Primary Schools during the Eighth Plan (1992-97) and out of this, 150 new Primary Schools will be opened during the Annual Plan 1992-93. A sum of Rs. 15 lakh has been proposed for the Annual Plan 1992-93 on account of the salary of 300 new JBT teachers at the rate of 2JBT and one PTWC per school for 2 months as a token provision for the opening of 150 new Primary Schools. An outlay of Rs. 800 lakh has been proposed for the Eighth Plan (1992-97) for opening of 750 new Primary Schools.

## 5. ANTYODAYA SCHOLARSHIP :

An amount of Rs. 40 lakh has been approved for the scholarship to Antodaya students studying in Classes I-V @ Rs. 150/- per student per annum. The anticipated expenditure against the approved outlays will be of the order of Rs. 78 lakh and about 5362 Antodaya family students will be benefitted under this scheme. Against this, an outlay of Rs. 153 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 780 lakh proposed for the entire Eighth Plan (1992-97). It is proposed to cover about 5,200 Antodaya family students during the year 1992-93 and about 10,200 Antodaya family students during the Eighth Plan 1992-97.

**6. GRANT-IN-AID TO PRIMARY SCHOOLS :**

In order to supplement the difference between income and expenditure of the primary Schools, an amount of Rs. 1.74 lakh has been provided as a Grant-in-aid during the year 1991-92. Against this an outlay of Rs. 2 lakh has been proposed for the Annual Plan 1992-93, out of Rs. 10 lakh proposed for the entire Eighth Five Year Plan for this purpose.

**7. INSPECTION OF DISTRICT AND BLOCK LEVEL :**

For the Seventh Five Year Plan an outlay of Rs. 58.30 lakh had been approved against which the actual expenditure remained of the order of Rs. 30.39 lakh. An outlay of Rs. 26.98 lakh has been kept under this scheme for the Annual Plan 1991-92. For the Eighth Plan and Annual Plan 1992-93 an outlay of Rs. 161.30 lakh and Rs. 29.06 lakh has been proposed respectively.

**8. EMPLOYMENT OF EDUCATED YOUTH (VOL. TRS) AND PART TIME WATER CARRIER :**

An outlay of Rs. 241.47 lakh has been approved under these two schemes for the Seventh Five Year Plan for continuation of expenditure on 5892 posts of volunteer teachers and 6037 part time water carriers under the scheme of rationalisation of teaching staff in Primary Schools. The rate of honorarium for volunteer teachers have also been revised to Rs. 300/- PM and Rs. 350 PM. for Matriculates and Graduates respectively and for part time water carrier Rs. 200/- PM. The Actual expenditure under this scheme for the Seventh Five Year Plan was Rs. 229.62 lakh. During the year 1990-91 Rs. 146.30 lakh was spent under the scheme. An outlay of Rs. 172.85 lakh has been kept for the Annual Plan 1991-92. For the Eighth Plan and Annual Plan 1992-93 an outlay of Rs. 1591.65 lakh and Rs. 239.37 lakh has been proposed respectively.

During the Annual Plan 1991-92, 6617 additional posts of Volunteer Teachers will be created. During the Eighth Plan, 750 new part-time water carriers will be engaged in the Primary Schools. Out of this, 150 part time water carriers will be engaged during the Annual Plan 1992-93.

**9. TEACHERS TRAINING :**

An outlay of Rs. 0.65 lakh has been approved for in services training of teachers during the Annual Plan 1991-92. Against this provision, an outlay of Rs. 0.80 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 4.46 lakh proposed for the entire Eighth Plan (1992-97) period for the purpose.

**10. INCENTIVES :**

An amount of Rs. 23 lakh has been approved during the Annual Plan 1991-92 for awarding various incentives to attract and retain children in the school system. These incentives include scholarships to Scheduled Caste girls, scholarships to tribal area students, free cloth for girls, free text books and free

writing materials to poor students, dance scholarships and merit scholarships etc. For the Eighth Plan (1992-97), an outlay of Rs. 170 lakh has been proposed out of which an outlay of Rs. 28 lakh has been proposed for the Annual Plan 1992-93 for this purpose.

#### **11. COLD WEATHER CHARGES :**

During the year 1991-92, an amount of Rs. 20 lakh has been provided for meeting the expenditure of cold weather charges which will be utilised in full. Against this, an outlay of Rs. 25 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 145.04 lakh proposed for the entire Eighth Plan (1992-97) for this purpose.

#### **12. PUBLICITY :**

An outlay of Rs. 0.13 lakh has been approved for publicity during the Annual Plan 1991-92 which will be utilised in full. Against this, an outlay of Rs. 0.20 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 1 lakh proposed for the entire Eighth Plan for the purpose.

#### **12. CENTRALLY SPONSORED SCHEMES :**

##### **1. Operation Black Board (100% C.S.S.)**

The scheme of Operation Black Board is under operation throughout the Pradesh. During the Seventh Five Year Plan, an expenditure of Rs. 555.83 lakh has been incurred on this scheme. The actual expenditure incurred under the scheme during the Annual Plan 1990-91 was of the order of Rs. 451.23 lakh and against this an amount of Rs. 183.10 lakh has been approved for the Annual Plan 1991-92. Against this, Rs. 512.42 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 3673.81 lakh proposed for the entire Eighth Plan (1992-97).

##### **2. DIET (100% C.S.S)**

Under this scheme Rs. 5.20 lakh was spent during the year 1990-91 and against this, an outlay of Rs. 22.07 lakh has been approved for the Annual Plan 1991-92. Against this, an outlay of Rs. 25.38 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 176.67 lakh proposed for the entire Eighth Plan (1992-97) under this scheme.

## 2. GENERAL EDUCATION AND UNIVERSITY EDUCATION :

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	5965.64
Annual Plan actual expenditure (1990-91)	2770.96
Annual Plan approved outlay (1991-92)	2972.00
Annual Plan anticipated exp. (1991-92)	2972.00
Annual Plan proposed outlay (1992-93)	3788.00
Eighth Plan proposed outlay (1992-97)	24527.00

The development of a Nation is not measured through the buildings it has built, the roads it has laid down, the bridges it has constructed and the like but by the human resources, the Nation has developed through a well defined system of education. Although the physical facilities are equally important but they are perishable and usable. In the absence of proper human resources, the Nation can hardly develop these and maintain them. Education therefore, is the most crucial factor not only to equip the new generation with skills so essential for earning a livelihood but also to create among them an awareness to social and environmental realities, inculcates in them scientific temper, independence of mind and spirit which are of paramount importance for them to become responsible citizens. Education is the substrate on which research and development depends. Education is the integral part of the developmental process. The two cannot be separated. Any investment in Education is, therefore, the best investment.

There is at present a serious mismatch between the supply of educational resources and institutions and the demand, particularly in rural areas where the rates of absenteeism and dropout are very high. This has resulted among other things in a lot of wastage of resources.

Keeping the above approach in view the programme content of the Education sector would be as under :

Himachal Pradesh has fared well in the field of education. According to 1991 census, the literacy rate in the Pradesh was 63.54 percent, as against the National mark of 52.11 percent. Nothing can perhaps be a better indication than this that our State would be able to achieve the target of Universalisation of elementary education by 1995.

The educational infrastructure has been rapidly expanding in the State. The likely position of educational institutions by the end of the Seventh Plan/Annual Plan is as under :

Name of the Institution/School	Total as on 31/3/90	Opened during 1990-91	Total as on 31/3/91
1.	2.	3.	4.
1. Primary Units	7450	97	7547
2. Middle Units	1987	18	2005
3. Secondary Units	987	19	1006
4. Senior Secondary Units	150	--	150
5. Colleges	25	--	25

The institutions managed by private agencies, other Government/ Contt. Board/Tibetan Society etc. are in addition to the above. Besides, a variety of incentives of schemes introduced in the formal system of education. New formal centres have also been provided for the drop out. As many as 2300 Adult Education Centres have been established for 15-35 age group besides 305 JSN.

A variety of incentives for spread of education amongst weaker sections of Society are in vogue, major ones of which are mentioned below :

- Scholarship @ 30/- p.m. with an initial grant of Rs. 100/- p.a. for those SC/ST girls in Classes VI-X whose parents/guardians' income does not exceed Rs. 6000/- per annum.
- The scheme of scholarships on Lahaul & Spiti pattern is in vogue in all parts of tribal areas.
- Free Hostels have been established for SC/ST students and for Backward Areas.
- Free Text Books are given to all students in tribal areas.
- Scholarship @ Rs. 8/- p.m. with annual grant of Rs. 30/- in Primary Classes Rs. 12/- p.m. with annual grant of Rs. 50/- in classes VI-VIII and Rs. 15/- p.m. with annual grant of Rs. 80/- in classes IX-X subject to different income bars is available for SC/ST/OBCs and Vimukta Jatis.
- There is also a post matric Scholarship Scheme for SC/ST students the rates of which vary from Rs. 80/- p.m. to Rs. 265/- p.m.

7. Anudaya Scholarships (from 1991-92) as follows :

<u>Classes</u>	<u>Rates</u>
I-V	Rs. 150/- Annually (both for boys and girls)
VI-VIII	Rs. 250/- Annually for boys & Rs. 500/- annually for girls.
IX-X	Rs. 300/- Annually for boys & Rs. 600/- annually for girls.
XI-XII	Rs. 800/- annually both for boys & girls.
College	Rs. 1200/- Annually both for boys & girls.
College Hostellers	Rs. 1200/- Annually both for boys & girls.

8. A variety of incentives in the form of Free Text Books, Uniforms, Attendance Scholarships, Free Writing material are in vogue but to the extent funds are available.

As a result of these concerted efforts, the literacy percentage which was just 7.1% in 1951 has risen to 63.54% (males 74.57% and females 52.46%) as compared to all India Literacy percentage of 52.11% (males 63.86% and females 39.42%) in 1991, as will be seen from the table given below :

Year	Total Males/Females	Literacy Percentage	
		Himachal Pradesh	India
1.	2.	3.	4.
1951	<u>Total</u>	7.1	16.6
	Males	NA	24.9
	Females	NA	7.9
1961	<u>Total</u>	21.3	24.02
	Males	32.3	34.44
	Females	9.5	12.95
1971	<u>Total</u>	31.96	29.46
	Males	43.19	39.45
	Females	20.23	18.72
1981	<u>Total</u>	42.48	36.23
	Males	53.19	46.89
	Females	31.46	24.82
1991	<u>Total</u>	63.54	52.11
	Males	74.57	63.86
	Females	52.46	39.42

**REVIEW OF SEVENTH FIVE YEAR PLAN :**

An outlay of Rs. 4129.10 lakh was originally approved for Seventh Five Year Plan but through Annual Plans; the Department got an outlay of Rs. 5676.01 lakh against which an expenditure of Rs. 5965.64 lakh has been incurred as per details given below :

(Rs. in lakh)

Year	Total Outlay	Of which Capital Content	Total Expenditure	Of which Exp. on Capital
1.	2.	3.	4.	5.
1985-86	402.55	77.07	400.01	77.07
1986-87	750.22	105.81	750.80	105.81
1987-88	1087.78	269.00	1095.59	269.00
1988-89	1564.46	350.00	1755.27	350.00
1989-90	1871.00	94.96	1963.97	94.96
<b>Total</b>	<b>5676.01</b>	<b>896.84</b>	<b>5965.64</b>	<b>896.84</b>

**MAIN ACHIEVEMENTS**

**(i) Expansion of Facilities :**

During Seventh Five Year Plan, 684 primary, 275 middle, 200 high and 150 senior secondary schools, 4 colleges, 3 evening colleges were added to the system besides a number of additional teachers as per details given below :

Year	Institutions Opened						Additional Teachers provided for				
	PS	MS	HS	SSS	Coll-eges	Eve. Coll-eges	PS	MS	HS	SSS	Coll-eges
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
1985-86	95	48	4	-	1	1	-	-	14	-	10
1986-87	144	65	9	101	2	1	-	15	20	-	-
1987-88	120	60	30	-	1	-	-	20	40	231	29
1988-89	150	31	41	10	-	1	-	50	22	229	10
1989-90	175	71	116	39	-	-	-	-	-	-	-
<b>Total</b>	<b>684</b>	<b>275</b>	<b>200</b>	<b>150</b>	<b>4</b>	<b>3</b>	<b>-</b>	<b>85</b>	<b>96</b>	<b>460</b>	<b>49</b>

Most Significant achievement during the plan has been the introduction of New pattern of Education (10+2+3) from the session 1986-87 and vocationalisation of education at +2 stage from the year 1988-89 in selected schools.



**(ii) Strengthening of Administration :**

Educational administration was strengthened by providing 4 posts of Establishment Officers, 4 posts of DEOs at Bilaspur, Chamba, Nahan and Una, 12 posts of Statistical Assistants were provided to all districts excepting Chamba, Kinnaur and Lahaul & Spiti, 10 Assistants were provided to DEOs under School Complexes scheme and improvement programme. 69 Educational Blocks co-terminus with CD Blocks were established for inspection of Middle schools. One stenographer and one car with driver was provided to ACC Group Headquarters, Shimla. At Directorate level, a Legal Cell, Branch for administration of New pattern of Education, Computer Cell, ACR Cell, UGC Cell, Planning Branch, Vocational Branch were established besides one OSD (Sanskrit), 3 Deputy Directors of Education, one Joint Director (Colleges) with steno. Accounts services were strengthened by providing 1 Joint Controller (Finance & Accounts), one Deputy Controller (Finance & Accounts) (this post is presently with the Directorate of Primary Education), and 12 Junior Auditors for Districts in addition to Senior Auditors provided from non-plan side.

**(iii) Incentives :**

With a view to encourage enrolment of children especially from weaker sections, following new incentives have been introduced during Seventh Five Year Plan :

1. 6 Free Hostels at Taklesh (BSP), Bhadpur (SCP), Chhatrari (SCP), Killar (Girls) (TSP), Holi (TSP) and Dalash (Kullu) (BSF) were opened.
2. Scholarship scheme @ Rs. 30/- p.m. with an initial grant of Rs. 100/- per annum which was previously available to those SC Girls in classes VI-X whose parents/Guardians' income was below 6000/- p.a. was extended to ST Girls also in the same classes on same terms and conditions from 1987-88 under SCA.
3. Free Text Books are being provided to all children studying in tribal area schools from 1987-88.

**(iv) Other Programmes :**

Other programmes implemented during the Seventh Five Year Plan are :

4812 Posts of Volunteer Teachers for Primary Schools.

5902 part Time Water Carriers for Primary Schools 1739.

Part Time Volunteer Water Carriers for Middle Schools.

249 part Time Water Carriers for High Schools

22 Additional Teachers for JBT Schools.

One Community Science Centre was established at Shimla.

500 Adult Education Centres with project staff and 305 JSN (including 180 under Central Sector)

Municipal Library at Shimla was taken over and also a library in the Directorate was established.

Two Rural Libraries were opened at Kotkhai (Shimla) and Sihunta (Chamba).

5 Sports Hostels started functioning at Matiana, Jubbal, Majra, Chamba and Paprola.

Vocationalisation of Education was started in 25 Senior Secondary Schools at +1 stage with effect from 1988-89. 15 Schools were covered during 1988-89 and 10 during 1989-90 where following trades have been introduced :

Horticulture

Accountancy and Auditing

Repair and Maintenance of Domestic Electrical Appliances.

Computer Techniques.

Electronics Technology

Food Preservation

NCERT Books/Syllabus have been adopted as a part of curriculum improvement.

**v) Centrally Sponsored Schemes :**

180 JSN were started to institutionalise post-literacy and continuing education. 1841 Radio-cum-Cassette players were provided to 1557 Primary Schools and 284 Upper Primary Schools under New Educational Technology Programme.

Under the scheme of Environmental Orientation to school Education, 9 Workshops were organised comprising 2 Curriculum Review, 2 Text Books Review, 1 Teaching Learning Material Development and 4 Teacher Orientation Workshops in addition to 4 Seminars for creating environmental awareness and 4 Work Experience Activities Camps. 3 State level Teacher Training Workshops on behalf of CEE Ahmedabad were also organised. DEOs have been requested to identify 120 schools having basic facilities of land and water for school Nursery raising. Small academic projects have been assigned to some school.

Under 'Improvement of Science Education Programme' Science Kits were provided to 800 Middle Schools, Science Labs were upgraded in 493 High Schools, 63 Senior Secondary Schools, 484 High and 64 Senior Secondary Schools were provided library assistance by providing library books on Science Education. 1930 Science/ Math teachers were given training under the Scheme.

Under Operation Blackboard scheme, 20% of Education Blocks were covered during 1987-88, 30% during 1988-89 and 50% during 1989-90. 1010 posts of JBT teachers have been provided under the scheme, in addition to other improvement programmes. Sites at 4 places viz Dharamsala, Chamba, Shimla and Bilaspur Districts have been selected for establishing District Institutes of Education and Training. 8 Navodya Vidyalayas have been opened in the State covering 8 Districts. Scheme for upgradation of merit of SC/ST students was started from the year 1988-89 at Government Senior Secondary Schools, Sarahan (Sirmour). Under class Project Computers were installed in 32 Schools. The scheme of Integrated Education for the disabled was extended to three more schools at Chamba, Nahan and Dharamsala.

5th All India Educational Survey with reference date 30.9.1986 was conducted and completed.

#### REVIEW OF ANNUAL PLAN 1990-91

For the Annual Plan 1990-91 an outlay of Rs. 3250 lakh was originally approved and against this the actual expenditure incurred during the year 1990-91 under this head was of the order of Rs. 2770.96 lakh.

Due to financial constraints only a few new programmes could be implemented during Annual Plan 1990-91. The entire outlay earmarked was for the continuance of schemes/programmes taken up for implementation during Seventh Five Year Plan. Only 32 posts of Lecturers were created for Colleges to remove congestion by finding out internal savings. Apart from this 18 New Middle Schools and 19 New High Schools were also established during 1990-91.

#### ANNUAL PLAN-1991-92 :

An outlay of Rs. 2972 lakh has been earmarked for Annual Plan 1991-92. Due to inadequacy of resources it has not been possible to include any major programme in the Plan.

The major programmes implemented during the year are :

- a) Introduction of Ambodaya Scholarships.
- b) Creation of 2066 posts of Volunteer Teachers for Middle and Secondary Schools to remove congestion and to provide employment opportunities to educated unemployed youths.

#### EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93) :

For the Eighth Plan, an outlay of Rs. 24527 lakh has been proposed under head General and University Education and out of this an outlay of Rs. 3788 lakhs proposed for the Annual Plan 1992-93. The Schematic details are as under :

## **1. ELEMENTARY EDUCATION (CLASSES VI-VIII)**

### **a) Continuing Scheme :**

Under this sector provision has been made for continuance of staff for Direction and Administration, provision of equipment to Schools for removing deficiency of infrastructural material, maintenance of school buildings, assistance to Non-Government Schools, 69 Educational Blocks co-terminus with CD Blocks, Additional teachers for Middle Schools, Teachers Training, Incentives, GIA to Board of Schools Education, 307 Middle Schools, Drinking Water facility in 1740 Middle Schools, GIA to Himachal Pradesh Education Society and completion of on-going works. An outlay of Rs. 827.26 lakh has been approved for the year 1991-92 which will be utilised in full. Against this, an outlay of Rs. 1092.48 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 7061.12 lakh proposed for the entire Eighth Plan period.

### **b) New Schemes :**

Due to inadequacy of resources only additional teachers for 85 continued Middle Schools, 409 Volunteer Teachers, additional staff for 22 continued JBT Schools has been included in the Eighth Plan proposals. It is proposed to open 125 New Middle Schools during the Eighth Plan (1992-97) and out of this 25 Middle Schools will be opened during the Annual Plan 1992-93.

## **2. SECONDARY EDUCATION :**

### **a) Continuing Scheme :**

The provision under this sector has been made for the continuation of staff for administration and supervision, Vocationalisation of Education, Talent Search Scholarship Scheme, population, Education, Community Science Centre, Supply of equipments, maintenance of school buildings, additional teachers for High Schools and Sr. Secondary School, 323 High Schools, 150 Senior Secondary Schools, Drinking Water facility in 252 Secondary Schools, 9 Free Hostels, Formerly Unicef aided projects, Science Exhibitions, Earn while you learn, National Integration, Educational Technology, Sainik School, Completion of on-going works and Environmental Education. During the year 1991-92, Rs. 1624.27 lakh has been approved for this purpose which will be utilised in full. Against this, an amount of Rs. 2029.02 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 13759.28 lakh proposed for the entire Eighth Plan period.

### **b) New Schemes :**

New Programmes included in the Eighth Plan are additional staff for Senior Secondary Schools, additional teachers for 96 High Schools, additional training for Secondary Schools and additional volunteer teachers. The teachers have been necessitated due to increased strength of students in the new pattern of education, Majority of our High School do not have

the posts of Lab Attendants whereas the teaching of Science is compulsory at Secondary stage. It is, therefore, proposed to provide Lab Attendants to all Secondary Schools in a phased manner. To begin with, 50 Schools are proposed to be covered during Eighth Plan out of which 10 will be covered during 1992-93. Central Zone Mamdi is facing acute shortage of staff. Some relief (5 posts) proposed to be provided to this Zone during the Eighth Plan.

During the Eighth Plan, 50 Middle Schools will be upgraded to High Schools. Out of this, 10 Middle Schools will be upgraded to High Schools during the Annual Plan 1992-93. Similarly, 25 Higher Schools will be upgraded to Senior Secondary Schools during the Eighth Plan periods. Out of this, 5 High Schools will be upgraded to Senior Secondary Schools during the Annual Plan 1992-93.

### **3. UNIVERSITY AND HIGHER EDUCATION :**

#### **a) Continuing Scheme :**

Provision under this sector has been made for the continuance of staff for administration and supervision, assistance to Himachal Pradesh University, 6 Colleges, 3 Evening Colleges, MA Classes/Additional subjects in Colleges, additional staff for Colleges, Assistance to Non-Government Colleges, Faculty improvement programme, lifting of UGC assistance, completion of on-going works, Maintenance of buildings and supply of equipment. An outlay of Rs. 416.25 lakh has been approved under this scheme for the year 1991-92, which will be utilised in full. Against this, an outlay of Rs. 567.73 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 3119.10 lakh proposed for the entire periods of Eighth Plan under this scheme.

#### **b) New Scheme :**

During the Eighth Plan (1992-97), 4 Evening Colleges Classes will be started in the Pradesh. Out of this, one Evening Colleges class will be started during the Annual Plan 1992-93. Apart from this, additional subjects M.A. classes in colleges and additional staff for colleges will be provided during the Eighth Plan period.

### **4. ADULT EDUCATION**

#### **a) Continuing Scheme :**

Provision under this scheme has been proposed for the continuance of expenditure on 60 posts of project staff for administration and supervision of the programme, 500 Adult Education Centres, 125 JSN, supply of literature on adult education and adult education libraries. No expansion of the programme is contemplated. An amount of Rs. 38 lakh has been kept for the year 1991-92. The continuance of these programme will require an outlay of Rs. 100 lakh during Eighth Plan and 15

lakh during Annual Plan 1992-93 under State Sector Scheme. In terms of adult literacy, we propose to cover all the 12 districts on a project based approach in a phased manner during the Eighth Five Year Plan.

## **5. SANSKRIT EDUCATION**

### **Continuing Schemes :**

Provision under this sector has been made for the continuance of one post of OSD (Sanskrit) and payment of grants to non-Government Sanskrit Pathshalas. An outlay of Rs. 3.70 lakh has been kept for the Annual Plan 1991-92. An outlay of Rs. 30 lakh for the Eighth Plan and Rs. 5.80 lakh for the Annual Plan 1992-93 has been proposed for this scheme.

## **6. GENERAL**

### **a) Continuing Scheme :**

Under this sector, the provision has been made for the continuance of staff for ACR Cell, Planning Branch, Accounts Services, Computer Cell. An outlay of Rs. 21.85 lakh has been kept for the year 1991-92. The continuance of these items entails an expenditure of Rs. 198.00 lakh during Eighth Plan and 31.37 lakh during the Annual Plan 1992-93.

### **b) New Scheme :**

New programme included in this sector is strengthening and re-organisation of existing administration at the Directorate in pace with educational developments/ expansion in the past. The deficiency of staff is adversely affecting efficiency and quality of work. It is, therefore, proposed to provide additional posts to the Directorate during Eighth Plan periods. It is proposed to install PBX system during the Eighth Plan period. For this an outlay of Rs. 2 lakh for the Annual Plan 1992-93 has been proposed out of Rs. 10 lakh proposed for the entire Eighth Plan period.

## **7. SPORTS AND PHYSICAL EDUCATION**

Provision under this sector has been made for the continuance of National physical efficiency drive, Sports Scholarships, Grant to Himachal Pradesh Schools Sports Association, Sports Hostel, strengthening of Physical Education, GIA to Bharat Scouts Sports Association and Additional Staff for NCC. An outlay of Rs. 25.89 lakh has been kept for the 1991-92. Against this, an outlay of Rs. 29.06 lakh and Rs. 164 lakh for the Annual Plan 1992-93 and Eighth Plan 1992-97 has been proposed.

### New Scheme :

At present District Physical Education Officers have no ministerial staff. Without supporting staff it has not been possible for them to discharge their functions properly and efficiently. It has, therefore, been proposed to provide them one clerk each during Eighth Plan. Owing to difficult financial position, these officers will first be provided contingent paid clerks. During the Eighth Plan, 5 new sports Hostels will be constructed. Out of this one Sports Hostel will be constructed during the Annual Plan 1992-93. Apart from this, additional staff for NCC will also be provided during the Eighth Plan period. The requisite provision of funds has been proposed in the Eighth Plan period under this scheme for the purpose.

### 8. ART AND CULTURE (LIBRARIES)

#### Continuing Scheme :

Provision proposed under this sector is for the continuance of programmes of supplying library books to existing libraries, GIA to Raja Ram Mohan Roy Library Foundation, Supply of journals/magazines, Furniture/equipment to libraries, Rural Libraries at Theog, Chambe and Sihunta, Library at Shimla, Library in the Directorate, completion of ongoing works and part time water carrier for library at Killar. An amount of Rs. 14.37 lakh has been kept for the Annual Plan 1991-92. An outlay of Rs. 93 lakh and Rs. 17.04 lakh has been proposed for this scheme during the Eighth Plan and Annual Plan 1992-93.

### 9. PUBLICITY

#### Continuing Scheme :

Under this scheme an outlay of Rs. 0.41 lakh has been approved for the Annual Plan 1991-92. Against this, an outlay of Rs. 0.50 lakh for the Annual Plan 1992-93 has been proposed out of Rs. 2.00 lakh proposed for the entire Eighth Plan period.

### 10. MAINTENANCE OF SCHOOL BUILDINGS

For the maintenance of school buildings an amount of Rs. 7 lakh has been provided during the Annual Plan 1991-92. Against this, an outlay of Rs. 50 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 475 lakh proposed for the entire Eighth Plan period for this purpose.

### 11. SCHOLARSHIPS TO STUDENTS OF ANTYDAYA FAMILIES :

The Government of Himachal Pradesh is committed to improve the lot of poorest among the poor. For this purpose, from the Annual Plan 1991-92, a special scholarship programme to students belonging to Antodaya Families have been started with the following scholarship rates :

ClassesRates

VI-VIII	Rs. 250/- Annually for boys & Rs. 500/- annually for girls.
IX-X	Rs. 300/- Annually for boys & Rs. 600/- annually for girls.
XI-XII	Rs. 800/- annually both for boys & girls.
College	Rs. 1200/- Annually both for boys & girls.
College Hostellers	Rs. 1200/- Annually both for boys & girls.

The following provision of funds have been made for the scholarships to the students belonging to Amtyodaya families for the year 1991-92 and Eighth Plan (1992-97) :

(Rs. in lakh)					
Sr. No.	Item	Approved Outlay (1991-92)	Anticipated Expenditure (1991-92)	Proposed Outlay	
				Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.	6.
1.	Elementary Education	20.00	40.40	40.40	200.00
2.	Secondary Education	8.00	67.45	70.00	350.00
3.	Higher Education	5.00	54.15	54.50	270.90
Total :		33.00	162.00	164.90	820.90

**12. CENTRALLY SPONSORED SCHEMES :**

In addition to above scheme in the State Sector various following Centrally Sponsored Schemes of Seventh Five Year Plan will also continue during the Eighth Plan (1992-97) and Annual Plan 1992-93. The details of the proposed outlays are contained in GN VI - B.

- i) New Education Technology Programme.
- ii) Strengthening of English Language Teaching
- iii) Vocationalisation of Education
- iv) Assistance to indigent Sanskrit Pandits.
- v) Supply of Sanskrit Books to Sanskrit Pathshalas.
- vi) Continuation of staff of Educational Technology Cell.
- vii) Post Matric Scholarships.
- viii) National Scholarship Scheme.
- ix) Upgradation of merit of SC/ST students.
- x) Integrated Education of Handicapped
- xi) Adult Education
- xii) Environmental Education.



### 3. TECHNICAL EDUCATION :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	1168.61
Annual Plan actual expenditure	(1990-91)	351.32
Annual Plan approved outlay	(1991-92)	544.00
Annual Plan anticipated exp.	(1991-92)	544.00
Annual Plan proposed outlay	(1992-93)	790.00
Eighth Plan proposed outlay	(1992-97)	4220.00

#### I. TECHNICAL EDUCATION :

Technical Education had made a significant contribution to the Country's Industrial Development in General and of Himachal Pradesh in particular for the last 2 to 3 decades. All possible programmes have been possible largely, because of the technical manpower produced by the technical Institutes in the State. The new policy on technical education lays greater stress and importance for strengthening of Directorate of Technical Education, State Board of Technical Education, Development of Infrastructure, Opening of New Courses in emerging areas of technology, Education for Women and Handicapped, Continuing Education, Entrepreneurship Development Programme, Staff Development, Industry-Institute Interaction, Modernisation and removal of obsolescence of Equipment and Machinery in the laboratories and workshops, Strengthening of libraries and learning Resources, and Rural Development etc.

#### ACHIEVEMENTS DURING THE SEVENTH FIVE YEAR PLAN :

Keeping in view the National Education Policy and aims, a beginning has already been made in the Seventh Five Year Plan for development of Technical Education in Himachal Pradesh.

During the Seventh Five Year Plan, the department established two polytechnic at Rohroo and Kandaghat and one Regional Engineering College at Hamirpur. The Polytechnic at Kandaghat is exclusively for women.

The workshops and Laboratories were strengthened. The Directorate was provided with more staff. An Audio Visual Cell was established at Government Polytechnic, Sundernagar. The Government of India has also established one Quality Improvement Centre at Sundernagar with the assistance of Technical Teachers Training Institute, Chandigarh. Under the Quality Improvement Programme, teachers from all the four Polytechnics were deputed and trained for short terms as well as long term training programmes in Technical Teachers Training Institutes, Chandigarh and Himachal Institute of Public Administration Shimla and Summer Schools arranged in various polytechnics of the country..A large number of teachers have undergone training resulting in marked improvement in the standard of education being imparted to the students.

Under the scheme of Community Polytechnics, Government Polytechnics, Sundernagar and Government Polytechnic, Hamirpur have been identified as community polytechnics to act as focal points to solve the technological problems of rural masses and to promote/transfer appropriate technology to rural community.

During the Seventh Plan Rs. 1168.61 lakh was spent under Technical Education head for the different schemes. The actual expenditure incurred during the year 1990-91 was of the order of Rs. 351.32 lakh and against this Rs. 544 lakh has been approved for the year 1991-92 which will be utilised in full. For the Annual Plan 1992-93, Rs. 790 lakh and for the Eighth Plan an outlay of Rs. 4220 lakh has been proposed for the implementation of various schemes under this head of development.

The scheme-wise brief details are as under :

**a) Continued Schemes other than World Bank :**

The details of the continued schemes other than World Bank Aided Schemes are as under :

**1. Direction and Administration (Strengthening of Directorate):**

To implement the various schemes of the Technical Education in the State, the funds are provided for salaries of the staff, office expenses, motor vehicles and construction of buildings under this scheme. During the year 1991-92, Rs. 10.46 lakh has been provided for this purpose. For the Annual Plan 1992-93, an outlay of Rs. 11 lakh and for the Eighth Plan, an outlay of Rs. 43.50 lakh has been proposed under the scheme. The break-up of these outlays are as under :

Scheme / Item	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Salaries	3.98	4.50	20.00
2. Office Expenses & Contigencies	1.48	2.00	9.00
3. Motor Vehicles	2.50	2.50	12.50
4. Capital Works	2.50	2.00	2.00
<b>Total :</b>	<b>10.46</b>	<b>11.00</b>	<b>43.50</b>

**2. Junior Technical School Kangra :**

The Junior Technical School Kangra has been upgraded to a polytechnic and is covered under World Bank Assisted Project. However, to complete the ongoing civil works and to provide the machinery and equipments, Rs. 3 lakh has been provided for the Annual Plan 1991-92 under this scheme. Against this provision,

Rs. 10.20 lakh for the Annual Plan 1992-93 and Rs. 42 lakh for the Eighth Plan has been proposed for this purpose. The break-up of these outlays is as under :

(Rs. in Lakh)

Scheme / Item	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Machinery & Equipments	0.20	0.20	2.00
2. Civil works	2.80	10.00	40.00
<b>Total :</b>	<b>3.00</b>	<b>10.20</b>	<b>42.00</b>

### 3. Strengthening of Polytechnics :

To strengthen the polytechnics and to complete the ongoing civil works payment of salaries, raw materials etc. Rs. 79.54 lakh has been allocated during the Annual Plan 1991-92. For the Annual Plan 1992-93 an outlay of Rs. 53.80 lakh and for the Eighth Plan an outlay of Rs. 444.50 lakh has been proposed under the scheme. The details of these outlays are as under :

(Rs. in Lakh)

Scheme / Item	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Salaries	38.23	35.00	275.50
2. Office Expenses	3.00	4.00	15.00
3. Raw Material	2.26	2.50	13.00
4. Purchase of Machinery & Equip.	2.00	2.30	13.00
5. Civil Works	34.05	10.00	128.00
<b>Total :</b>	<b>79.54</b>	<b>53.80</b>	<b>444.50</b>

### 4. Scholarships including Scholarships for Antyodaya Students :

The department is awarding scholarships to the needy students who are prosecuting their studies in degree and diploma in engineering courses. During the year 1991-92, Rs. 5 lakh has been kept for this purpose against this, the anticipated expenditure will be of the order of Rs. 6 lakh. Against this, Rs. 5 lakh for the Annual Plan 1992-93 and Rs. 25 lakh for the Eighth Plan has been proposed which includes Rs. 3 lakh for students of Antyodaya families (Rs. 2 lakh for ITIs and Rs. 1 lakh for polytechnics) during Annual Plan 1992-93 and Rs. 15 lakh for Eighth Plan (Rs. 10 lakh for ITIs and Rs. 5 lakh for polytechnics).

**5. Strengthening of State Board of Technical Education :**

The State Board of Technical Education has been set-up during the Seventh Plan. Keeping in view the expansion of the State Board of Technical Education, the grant-in-aid is being provided to the Board to the extent of difference of income and expenditure. During the year 1991-92, funds to the tune of Rs. 12 lakh has been proposed and against this, an outlay of Rs. 12 lakh has also been proposed for the Annual Plan 1992-93. An outlay of Rs. 60 lakh has been proposed for the Eighth Plan for strengthening of the State Board of Technical Education.

**6. Strengthening of Regional Engineering College :**

The State has been providing grant-in-aid to the Regional Engineering College, Hamirpur for the purchase of land and development of land and to meet the 50% expenditure of recurring nature. During the year 1990-91, grant-in-aid amounting to Rs. 74.80 lakh (Rs. 35 lakh for capital and Rs. 39.80 lakh for Revenue ) was released to REC for the purpose. There is a provision of Rs. 95 lakh (Rs. 35 lakh for Revenue and Rs. 60 lakh for Capital ) for the year 1991-92. For the Annual Plan 1992-93 an outlay of Rs. 120 lakh and for the Eighth Plan an outlay of Rs. 553 lakh has been proposed for the purpose. The break-up of these outlays is as under :

Scheme / Item	Approved Outlay (1991-92)	(Rs. in Lakh)	
		Proposed Outlay Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Strengthening of Eng. College	60.00	60.00	403.00
2. Purchase of Land & Dev. of Land	35.00	60.00	150.00
<b>Total :</b>	<b>95.00</b>	<b>120.00</b>	<b>553.00</b>

**b) World Bank Assisted Project for Technical Education :**

During 1991-92, a Project for Strengthening Technical Education in the State with the help of World Bank was also got approved from the Government of India/World Bank authorities. The total cost of the Project has been approved for Rs. 1994.49 lakh of which about 80% expenditure shall be borne by the Government of India/World Bank as per scheme(s) already agreed upon by them. In the said schemes, stress has been laid to improve and strengthen the Technical Education in the State. The Project consists of 3 sub-schemes i.e. Capacity Expansion, Quality Improvement and Efficiency Improvement. The amount earmarked for each sub-scheme is as under :

(Rs. in Lakh)

Scheme	Funds Earmarked
1.	2.
1. Capacity Expansion	1021.30
2. Quality Improvement	772.78
3. Efficiency Improvement	200.41
<b>Total :</b>	<b>1994.49</b>

### 1. Strengthening of Directorate :

According to provision of the scheme, funds to the tune of Rs. 90.15 lakh has been provided for the strengthening of Directorate of Technical Education including capital component of Rs. 13 lakh. During the year 1991-92, Rs. 16.98 lakh has been provided under the scheme. Against this provision, Rs. 22.88 lakh for the Annual Plan 1992-93 and Rs. 96.82 lakh for the Eighth Plan has been proposed under this scheme. The proposed provision of funds for Eighth Plan also includes 20% escalation cost. The break-up of these outlays are as under :

(Rs. in Lakh)

Scheme / Item	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Additional Accomodation, Residence and Hostels.	10.00	10.00	25.00
2. Machinery & Equipments including Furniture & Books.	1.00	4.10	10.05
3. Motor Vehicles.	2.00	-	2.00
4. Staff Dev. including Local Fellowship, Foreign Fellowship, Local Consultancy & Honorarium	0.20	0.20	4.70
5. Staff Salaries including MR & TE.	3.63	7.58	50.07
6. Office Expenses & other Contigencies.	-	0.50	2.50
7. Material & Supply.	0.15	0.50	2.50
<b>Total :</b>	<b>16.98</b>	<b>22.88</b>	<b>96.82</b>

## 2. Composite Development Centre :

For the development of curriculum, Industry-Institute Interaction, EDP, continuing Education, LRDC, Training and Placement and staff development, a composite development cell has been proposed in the scheme for which funds to the tune of Rs. 120.07 lakh have been earmarked under the scheme "Quality Improvement". It includes Rs. 13 lakh for capital works. During the year 1991-92, Rs. 14.68 lakh has been provided for this purpose. Against this, Rs. 20.36 lakh for the Annual Plan 1992-93 and Rs. 133.12 lakh for the Eighth Plan (including 20% escalation) has been proposed under this scheme. The scheme-wise break-up of these outlays is as under :

Scheme / Item	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Buildings, Residences & Hostels.	8.00	6.00	17.00
2. Machinery & Equipments	5.50	3.70	18.92
3. Motor Vehicles.	-	0.50	4.00
4. Staff Development	-	-	7.20
5. Staff Salaries.	1.18	9.16	82.00
6. Operation & Maintenance	-	0.50	2.50
7. Material and Supply	-	0.50	2.50
<b>Total :</b>	<b>14.68</b>	<b>20.36</b>	<b>133.12</b>

## 3. Junior Technical School Kangra :

Under this scheme, it has been proposed to upgrade Junior Technical School Kangra to a Polytechnic and funds to the tune of Rs. 435.40 lakh have been provided under "Capacity Expansion." It includes Rs. 195.60 lakh as capital component. During the year 1991-92, Rs. 31.12 lakh has been provided under the scheme which will be utilised in full. Against this provision, Rs. 55.30 lakh for the Annual Plan 1992-93 and Rs. 477.96 lakh for the Eighth Plan has been proposed under this scheme for different component. The break-up of these outlays is as under :

(Rs. in Lakh)

Scheme / Item	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Buildings, Residences & Hostels.	30.00	30.00	200.00
2. Machinery & Equipments	0.50	22.00	138.00
3. Motor Vehicles.	--	1.50	6.00
4. Staff Development	--	--	17.00
5. Staff Salaries.	0.52	1.80	111.00
6. Operation & Maintenance	--	--	3.46
7. Material and Supply	0.10	--	2.50
<b>Total :</b>	<b>31.12</b>	<b>55.30</b>	<b>477.96</b>

**4. Polytechnics :**

Funds to the tune of Rs. 1283.38 lakh have been earmarked for the implementation of the scheme in various polytechnics. The flow of funds from the three sub-schemes is as under :

	(Rs. in Lakh)
1. Capacity Expansion	545.90
2. Quality Improvement	692.81
3. Efficiency Improvement	44.67
<b>Total :</b>	<b>1283.38</b>

These funds also includes capital contents amounting to Rs. 537.41 lakh which have been provided for the construction of buildings, hostels, residences and workshops etc. During the Annual Plan 1991-92, Rs. 146.37 lakh has been provided for this purpose. For the Annual Plan 1992-93, Rs. 303.16 lakh and for the Eighth Plan, Rs. 1375.21 lakh has been proposed which also includes percentage increase because of devaluation of monitoring value of rupees as compared to dollar. The break-up of these outlay is as under :

(Rs. in Lakh)

Scheme / Item	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Buildings, Residences & Hostels.	117.00	191.00	519.00
2. Machinery & Equipments	20.25	78.18	302.43
3. Motor Vehicles.	0.50	4.00	18.50
4. Staff Development	2.80	12.00	75.30
5. Staff Salaries.	4.32	6.26	348.66
6. Operation & Maintenance	0.25	4.55	52.25
7. Material and Supply	1.25	7.17	59.07
<b>Total :</b>	<b>146.37</b>	<b>303.16</b>	<b>1375.21</b>

#### 5. Strengthening of State Board of Technical Education :

Stress has been laid for the Strengthening of State Board of Technical Education and accordingly funds to the tune of Rs. 60.74 lakh have been earmarked under the sub-scheme "Efficiency Improvement". An outlay of Rs. 0.85 lakh has been allocated for the purpose during the year 1991-92. Against this, an outlay of Rs. 15.30 lakh for the Annual Plan 1992-93 and Rs. 59.89 lakh has been proposed for the Eighth Plan for different component under this scheme. The break-up of these outlay is as under :

(Rs. in Lakh)

Scheme	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Buildings, Residence & Hostels.	0.85	5.00	20.00
2. Machinery & Equipments	--	3.30	11.05
3. Motor Vehicles.	--	1.50	1.50
4. Staff Development	--	0.30	2.50
5. Staff Salaries.	--	4.20	21.84
6. Operation & Maintenance	--	0.50	1.50
7. Material and Supply	--	0.50	1.50
<b>Total :</b>	<b>0.85</b>	<b>15.30</b>	<b>59.89</b>



## PHYSICAL TARGETS & ACHIEVEMENTS :

The position of technical institutions functioning in the State and proposed target for the Eighth Plan are depicted in the following table :

Institution	No. of Institutions at the end of		No. of Institutions Proposed for	
	Annual Plans (1990-91)	Annual Plans (1991-92)	Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1. R.E.C.	1	1	-	-
2. Polytechnics	4	5	-	-
3. I.T.I. Kangra	1	-	-	-
4. I.T.I.s	16	16	-	-
5. I.T.I.s (Women)	14	14	1	-
6. Industrial School Boys, Kullu	-	-	-	-
7. I.T.I. (PH)	1	1	-	-
Total	37	37	1	-

## II. CRAFTSMEN TRAINING :

The main aim of the Craftsmen Training Scheme is to impart Vocational Training through Industrial Training Institutes and to make available skilled Craftsmen in different skills/areas, in accordance with the demand of Industry. It has great potential for adding value to industrial products and service thereby contributing to the material economy and improving quality of life of the people. Of late, it has been observed that the present system of training in the Institutes is not able to keep pace with the scientific and technological advancement. The needs of society/country have undergone many changes, so the Government has been actively considering to bring about relevant changes in the entire system. It envisages the over-hauling of the entire training system to be more purposeful and effective to accelerate the process of National Development, National Integration and reduction in un-employment and it endeavours to cover almost all the major areas of technological advancement. It lays down greater stress on importance of strengthening of infrastructural development, Opening of new trades in emerging areas of Technology, Industry-Institute Interaction, Modernisation of Workshops, Removal of deficiency and Obsolescence of machinery and equipment in the workshops, Audio-Visual Aids, Entrepreneurship Development Programmes, Strengthening of programmes for Women and Handicapped, Staff Development and improvement in their service conditions, Quality Improvement through short and long term courses and Apprenticeship Training Schemes under Apprenticeship Act, 1961, students amenities etc. In Himachal Pradesh, there are at present 17 Industrial Training Institutes including one I.T.I. for Physically Handicapped, 14

Industrial Training Institutes for Women. These Institutes are imparting craftsmen level training in about 29 different engineering and non-engineering trades. These institutes are located at Mandi, Solan, Chamba, Shahpur, Shamshi, Shimla, Jubbal, Rampur, Nadaun, Neharanpukhar, Nalagarh, Bilaspur, Poantasahib, Una, Reckong-Peo and Sundernagar. Industrial Training Institutes at Sundernagar is exclusively meant for Physically Handicapped persons. The Industrial Training Institutes for Women are located at Mandi, Nahan, Chamba, Kullu, Shimla, Hamirpur, Nalagarh, Palampur, Deegal, Kasuali, Bilaspur, Una, Reckong-Peo and Dharamshala.

#### ACHIEVEMENTS DURING THE SEVENTH FIVE YEAR PLAN :

Keeping in view the importance of craftsmen training, the Seventh Plan outlay under craftsmen training was six time more than the sixth plan allocation. The major thrust during Seventh Five Year Plan has been to rationalise the training programmes, to take care of the man-power requirements in the public and private sectors of the State and consolidation and updating of the training programmes. The major achievement in the State was that all the Industrial Training Institutes which were so far functioning under different departments of Industry and Labour-Employment and Training, were fused together and brought under one umbrella and the existing department of Technical Education was re-designated as Department of Technical Education, Vocational and Industrial Training.

Rural Industrial Training Institutes and Girls Industrial Training Institutes were re-designated as Industrial Training Institutes and Industrial Training Institutes for women and all the trades in these institutes were got affiliated with National Council for Vocational Training, Ministry of Labour and Employment, Government of India, New Delhi. One Industrial Training Institute for physically Handicapped was also established during the beginning of the Seventh Plan.

Training of staff, removal of obsolescence and deficiencies of machinery and equipment, introduction of new trades and providing additional accommodation to the Institutes was taken care of during the period with the funds available. Approved outlay during the Seventh Five Year Plan was Rs. 100 lakh which also included Rs. 15 lakh for Tribal Sub-Plan, expenditure against which was Rs. 295.93 lakh (including Rs. 34.01 lakh for Tribal Sub-Plan). The actual expenditure incurred during the year 1990-91 was of the order of Rs. 60.39 lakh and against this, an outlay of Rs. 129 lakh has been approved for the year 1991-92.

#### EIGHTH FIVE YEAR PLAN :

The emphasis has been laid to provide funds for on-going schemes and to complete the various construction works started during Seventh Plan. However, the new schemes have also been introduced under the World Bank aided vocational Training Project for strengthening the existing ITIs, for which 50% expenditure is to be borne by the Government of India, Ministry of Labour and Employment. The total cost of the said project is Rs. 517.64

lakh. A total provision of Rs. 909 lakh has been proposed for the Eighth Five Year Plan (1992-97) including the provision for World Bank project. A provision of Rs. 161 lakh has been made for the year 1992-93.

**A) CONTINUING SCHEMES OTHER THAN WORLD BANK :**

**1. Directorate (Training Wing) :**

Due to up-gradation of all the ITIs and GTIs into ITIs and ITIs for women and their affiliation with NCVT, the work load of craftsmen training wing of the Directorate, which exercise control over 31 institutions, has increased many fold resulting additional creation of posts during Seventh Five Year Plan to cope with the work. During Seventh Plan, an expenditure of Rs. 4.01 lakh was incurred on the payment of salary. During 1990-91 the expenditure on payment of salary was Rs. 2.05 lakh. For the year 1991-92, Rs. 3.18 lakh has been provided for the purpose. For the Annual Plan (1992-93) an outlay of Rs. 4 lakh and for the Eighth Plan Rs. 22 lakh has been proposed for the purpose. The scheme-wise break-up of these outlays is as under:

Scheme	(Rs. in Lakh)		
	Approved Outlay (1991-92)	Proposed Outlay Annual Plan (1992-93)	Proposed Outlay Eighth Plan (1992-97)
1.	2.	3.	4.
1. Staff Salaries.	2.78	3.50	18.00
2. Office Exp. & Contingencies.	0.15	0.20	2.00
3. Motor Vehicle.	-	-	-
4. Machinery & Equipment.	0.25	0.30	2.00
<b>Total :</b>	<b>3.18</b>	<b>4.00</b>	<b>22.00</b>

**2. CRAFTSMEN TRAINING :**

**1. Salaries :**

During Seventh Five Year Plan, an expenditure of Rs. 44.80 lakh was incurred on the posts created during the said period. There is a proposal to create more technical and non-technical posts. On the basis of NCVT Norms to remove the deficiency of staff in various institutions, an outlay of Rs. 10.49 lakh has been approved for 1991-92. Against this, Rs. 10.50 lakh for the Annual Plan 1992-93 and Rs. 76 lakh for the Eighth Plan has been proposed.

**2. Modernisation of Machinery and Equipments :**

The machinery and equipments provided in various workshops in the I.T.I.s long ago, has become obsolete. Since then, the old and outdated equipments/machinery required to be replaced

with new machinery and equipment. Although provision for the replacement/ purchase of new machines and equipments have been made under the World Bank Project, but this scheme does not cover all the I.T.Is (only 9 out of 31 ITIs are covered). Therefore, for the modernisation of machinery and equipments, a provision of Rs. 2 lakh for the Annual Plan 1992-93 and Rs. 124 lakh for the Eighth Plan has been proposed under this scheme.

### 3. Buildings Residences and Hostels etc :

Rs. 6.70 crore are required for the estimated cost for the completion of buildings, residences, hostels, out of which Rs. 141.57 lakh were spent during the Seventh Five Year Plan, Rs. 91.52 lakh during the year 1990-91. Rs. 44.71 lakh has been provided during the year 1991-92. It is proposed to complete all the ongoing works during the Eighth Five Year Plan, for which a provision of Rs. 311 lakh has been proposed for the plan period with a provision of Rs. 45 lakh for the year 1992-93.

The details of these outlay are as under :

Scheme	Approved Outlay (1991-92)	(Rs. in Lakh)	
		Proposed Outlay Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Staff Salaries.	10.49	10.50	76.00
2. Office Exp. & other charges	3.52	2.05	20.00
3. Material and Supply	1.20	1.50	8.00
4. Machinery & Equipments	--	2.00	124.00
5. Stipend	0.15	1.20	1.00
6. Stipend to Antyodaya Students	--	1.00	--
7. Staff Development	--	1.00	10.00
8. Buildings, Residence & Hostels.	44.71	45.00	311.00
<b>Total :</b>	<b>60.07</b>	<b>64.25</b>	<b>550.00</b>

### 3. TRIBAL SUB-PLAN :

To provide vocational training to the students of tribal area of the State, one ITI and one ITI for (women) have been established at Reckong-Peo in District Kinnaur and for the students belonging to other tribal areas i.e. Lahaul-Spiti, Pangi and Bharmour, additional seats have been provided at ITIs

Shamshi, Shahpur, Chamba and ITI (W), Dharmsala. Rs. 34.01 lakh were spent during Seventh Five Year Plan. During 1990-91, an expenditure of Rs. 18.00 lakh was incurred. Similarly, the approved outlay for 1991-92 is Rs. 20 lakh. A provision of Rs. 155 lakh has been kept for the Eighth Five Year Plan (1992-97). This amount is proposed to be utilised on the payment of salary, completion of buildings and on the purchase of machinery and equipment etc. The proposed outlay for the year 1992-93 is Rs. 27.00 lakh, The break-up of these outlay is as under :

(Rs. in Lakh)			
Scheme	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Staff Salaries.	1.79	1.79	16.00
2. Office Exp. & other charges	0.71	0.51	2.50
3. Material and Supply	0.60	0.70	4.50
4. Machinery & Equipments	0.90	1.00	7.00
5. Buildings	16.00	23.00	125.00
<b>Total :</b>	<b>20.00</b>	<b>27.00</b>	<b>155.00</b>

**b) WORLD BANK AIDED SCHEME (50:50) :**

The Government of India, Directorate General of Employment and Training, Ministry of Labour, New Delhi has approved a World Bank Aided Skill Development Project, to be implemented in the State at a cost of Rs. 517.64 lakh. This project consists of 7 schemes VIZ. Establishment of SPIU, Modernisation of equipment, Equipment Maintenance system, Provision of Instructional Aids, Self-employment training course, Introduction of new trades in ITIs, Introduction of new Trades in ITI (Women) to improve the quality of Training in these institutions. These all schemes contain sub-components of expenditure like salary, contingencies, raw-material, stipend, machinery and equipment, capital etc. So far an expenditure of about Rs. 170 lakh has been incurred upto March, 1991 on the implementation of this Project. Besides this, there is an outlay of Rs. 45 lakh as State share approved for 1991-92. The balance amount of Rs. 364 lakh including about 20% increase on account of devaluation is proposed to be utilised during the Eighth Five Year Plan (1992-97). Thus the proposed outlay for the Eighth Five Year Plan will be 364.00 lakh out of which, 50% expenditure shall be born by the Government of India and 50% falls in the share of State Government. As such the outlay for the state Eighth Five Year Plan has been proposed for Rs. 182.00 lakh including the provision of Rs. 66 lakh for the

year 1992-93. The scheme-wise details of these outlays are as under :

(Rs. in Lakh)			
Scheme	Approved Outlay (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Direction and Administration.	1.00	1.25	8.00
2. Modernisation of Equipments	28.00	15.00	26.00
3. Equipment-Maintenance System	4.13	13.00	46.00
4. Provision for Audio Visual aid in I.T.I.s	--	2.50	5.00
5. Introduction of I.T.I., Skill Dev. for Self Employment	--	2.00	5.00
6. Expansion of Existing I.T.I.s by introducing of new Trades.	2.56	17.00	48.00
7. Introduction of new Trades in I.T.I.s (Women).	9.31	15.00	44.00
<b>Total :</b>	<b>45.00</b>	<b>65.75</b>	<b>182.00</b>

#### 4. YOUTH SERVICES AND SPORTS :

(Rs. in Lakh)

Seventh Plan actual expenditure	(1985-90)	421.08
Annual Plan actual expenditure	(1990-91)	77.14
Annual Plan approved outlay	(1991-92)	71.00
Annual Plan anticipated exp.	(1991-92)	71.00
Annual Plan proposed outlay	(1992-93)	89.00
Eighth Plan proposed outlay	(1992-97)	582.00

The separate department of Youth Services and Sports came into being in the year 1982-83. Prior to it, the activities under this head of development were being attended to by the Education Department. At the time of its transfer a total number of twenty four posts were created included that of a Director. Thereafter fifty nine posts at different level were created to take the activities assigned to the department in the field also. The department of Youth Services and Sports have following aims and objectives :

##### 1. YOUTH SERVICES :

- a) To wean away Youth from destructive and anti-social activities.
- b) To check the exodus of rural youth to urban areas by providing recreational and sports facilities in the rural areas.
- c) To develop youth leadership.
- d) To ensure fuller utilisation of youth manpower in the National building programmes.
- e) To encourage consultancy services by the educated youth in rural areas.
- f) To promote economic support programmes for the benefit of youth in co-ordination with other departments.
- g) To promote vocational training programmes for youth.
- h) To streamline the procedure of recognition of youth organisations in the State for the purpose of grant-in-aid schemes and also extending encouragement to such organisations for undertaking youth activities.
- i) To encourage talented youth by way of giving them awards and rewards.
- j) To evaluate and monitor youth services programmes.

##### 2. SPORTS :

- a) To provide infrastructure facilities for sports in the rural and urban areas.

- b) To provide winter and better coaching facilities.
- c) To inculcate sports and health consciousness amongst the people with regular participation in games and sports.
- d) To encourage sports persons by way of giving them awards and rewards.
- e) To take sports to the rural areas by strengthening Rural Sports Centres.

Against the Seventh Plan approved outlay of Rs. 400 lakh the actual expenditure reported is of the order of Rs. 421.08 lakh. With this investment ten stadiums were built, one hundred and fourteen play fields prepared and one District Youth Centre established. In fact the physical targets under this head was achieved in full during Seventh Plan only. Prior to it, the activities of the department were confined only to headquarter level. During the Annual Plan 1990-91, Rs. 77.14 lakh were spent and against this provision, Rs. 71 lakh has been provided for the Annual Plan 1991-92 under this head. For the Annual Plan 1992-93, an outlay of Rs. 89 lakh and for the Eighth Plan, an outlay of Rs. 582 lakh has been proposed under this head for the implementation of different schemes. The schematic description is given in the following paragraphs :

**I. A. CONTINUED SCHEMES :**

**1. Grant-in-aid to H.P.Sports Council :**

H.P. Sports Council gives grant-in-aid for the following purposes :

- a) Grant-in-aid for the purchase of sports equipment for coaching camps.
- b) Grant-in-aid to District Sports Councils.
- c) Cash awards to outstanding sports persons.
- d) Organisation of rural sports tournaments from Block level to State level and participation in National tournaments.
- e) Organisation of women Sports Festivals.
- f) Grant-in-aid to recognised tournaments/committees for the organisation of sports competitions.
- g) Organisation of coaching camps etc.

For carrying out the aforesaid activities of the H.P. Sports Council in a befitting manner, an outlay of Rs. 8.43 lakh has been kept under this scheme for the year 1991-92. Against this, a provision of Rs. 45.20 lakh has been kept during the Eighth Plan period out of which Rs. 8.43 lakh has been proposed for the Annual Plan 1992-93.



## **2. Organisation of Coaching Camps :**

In order to bring excellence in competitive sports, the department apart from providing regular coaching in the District Coaching Centres, also organises off-season coaching camps as also camps before the conduct of National level competitions. The outstanding players are selected during various tournaments and provided coaching in these camps. It is proposed to give greater stress to this scheme during Eighth Plan. The salient features of this scheme will be as under :

- a) Coaching camps will be held for a duration of 10-15 days.
- b) The following charges will be available to the participants:
  - i) Transportation charges to and fro.
  - ii) Daily allowance @ Rs. 30/- per head per day for the first 3 years of the plan period. It is proposed to enhance the daily to Rs. 40/- per head per day during the last 2 years of the Eighth Plan period.
- c) 100 participants per district will be coached in the year 1992-93. With effect from 1995-96 the number of participants will be increased to 160 per district.

For Annual Plan 1991-92 an outlay of Rs. 4.35 lakh has been approved under this scheme. Against this, a provision of Rs. 24.15 lakh has been kept for this purpose during the Eighth Plan of which Rs. 4.35 lakh has been proposed for Annual Plan 1992-93.

## **3. Stipend for training at NIS Patiala :**

A large number of talented sports persons from Himachal Pradesh have been undergoing training at National Institute of Sports, Patiala ever-since the inception of this Institute. The Himachal Pradesh Government introduced this scheme during the Seventh Plan. During Eighth Plan period, it is proposed to provide stipend to 15 trainees undergoing training at National Institute of Sports, Patiala @ Rs. 200/- per month for 10 months. An outlay of Rs. 1.20 lakh has been proposed under the scheme for the Eighth Plan period.

## **4. Run for Fun (Cross Country Races) :**

During first 3 years of the Seventh Plan period, a programme namely Run for Fun was introduced for arousing health consciousness among people in general and youth in particular. The objective was also to inspire youth to take part in competitive sports. The response was so over-whelming that this programme has to be converted into a regular scheme of long and middle distance running during the last 2 years of the plan period. Middle and long distance running is one of the events of Athletics which is most suited to Himachal Pradesh climatically and geographically. It is proposed to continue this scheme during the Eighth Plan period in a big way. The main features of the scheme will be :

- a) Races will be organised in 3000 metres and 5000 metres for boys and girls in the age groups of 13-15 and 16-19 years.
- b) The races will be organised at Block, District and State level.
- i) Block Level : Races will be open. Cash prizes to the first 3 winners of each of the events will be given a prize of Rs. 150/-, Rs. 100/- and Rs. 75/-.
- ii) District Level : The winners of the races at the Block level will participate in competitions at the district level. The prize money will be enhanced to Rs. 300/-, Rs. 200/- and Rs. 100/- for the first 3 winners of each of the events respectively. Apart from this, the following will be provided :
- a) Transportation charges to the participants.
- b) Daily allowance @ Rs. 30/- per head per day for the first 3 years of the Eighth Plan period. The daily will be enhanced to Rs. 40/- per head per day during the last 2 years of the Plan period.

50 persons per district will be covered during the second and third year of the Eighth Plan and in the last 2 years of the Eighth Plan periods 75 persons per district will be covered under the scheme.

- iii) State Level : Cash prizes in the scale of Rs. 600/-, Rs. 400/- and Rs. 300/- will be given to the winners of each of the events. There will be transportation charges and daily allowance payable on the same pattern as in the district level races.

A sum of Rs. 9.66 lakh has been proposed for the Eighth Plan under this scheme.

##### 5. Construction of District & Utility Stadia :

Presently 29 stadia/gymnasia swimming pools and seven play fields have been taken-up for construction in the Pradesh. The stadiums are being constructed with financial assistance from the Govt. of India. Normally the pattern of assistance is sharing the cost of construction in the ratio of 75:25 by the Centre and the State subject to a maximum assistance of Rs. 12.50 lakh by the Centre. An outlay of Rs. 13.17 lakh has been approved for the Annual Plan 1991-92 which will be utilised in full. The State component of Rs. 119 lakh for the Eighth Plan and Rs. 23.92 lakh for the Annual Plan 1992-93 has been kept for approval as a State share.

##### 6. Purchase of Sports Equipments :

The department has established District Sports Coaching Centres in every district headquarters with a view to provide coaching facilities to the talented sports persons of the

district. Besides, off season coaching camps and mobile coaching camps are also organised. There are 80 departmental/SAI Coaches who are engaged in the implementation of coaching scheme. Equipment to conduct these camps is required to be purchased by the department. In the last 3 years we have been taking advantage of a Centrally Sponsored Scheme for providing equipment to these Centres as more and more students enroll for coaching in these centres, the demand of sports equipment to these centres is increasing. It is proposed to spend Rs. 10.06 lakh under this scheme during the Eighth Plan out of which Rs. 1.50 lakh will be spent during the Annual Plan 1992-93.

### YOUTH SERVICES

#### 7. Grant-in-aid to H.P. State Youth Board :

The H.P. State Youth Board functioning under the Chairmanship of Chief Minister, Himachal Pradesh has been instrumental in encouraging youth services programmes in the Pradesh. The H.P. State Youth Board utilises the grant received from Government for the following purposes :

- a) Grant to District Youth Boards for encouraging youth development activities amongst the rural youth.
- b) Grant to registered Youth Clubs and Mahila Mandals for their day to day activities.
- c) Financial assistance to recognised Clubs/Associations for individuals for the development of cultural activities.
- d) To encourage youth to undertake adventure activities.
- e) To provide financial assistance to voluntary Organisations to build character, promote team spirit and develop spirit of belonging through the medium of youth activities.
- f) To organise functions like National Youth Days of District and State Level in accordance with needs of the youth of the State.
- g) To plan and implement schemes for the welfare of such outstanding youth who have dedicated themselves towards welfare of the youth.
- h) To provide the youth knowledge of latest technical know-how and to train them in establishing themselves under various schemes of the Government.
- i) To institute State and District Youth Awards on the pattern of National Youth Awards.

An amount of Rs. 5.95 as grant has been approved for the year 1991-92 for this purpose. It is proposed to provide a grant of Rs. 30.70 lakh to the Board during the 8th Plan period and a grant of Rs. 5.95 lakh during 1992-93.

## **8. Organisation of Non-student Youth Festivals :**

This department organises non-student youth festivals at District and State levels. Competitions are held in :

- a) One Act Plays
- b) Folk Dances
- c) Group Songs
- d) Solo Dances
- e) Fancy Dress
- f) Instrumental Music
- g) Folk Songs
- h) Debate

The main idea behind this competition is to provide opportunities to non-student youth to project their talent. It is proposed to continue this scheme during 8th Five Year Plan for which an outlay of Rs. 10.45 lakh and Rs. 1.95 lakh has been proposed for Eighth Plan and Annual Plan 1992-93.

## **9. Organisation of Work Camps :**

The scheme has been introduced with the following objectives

- a) Involve the youth in such labour as brings to them a sense of dignity of labour.
- b) Such labour should result in socially productive assets.

The camps are organised in each district depending upon the availability of finances, 1 to 2 work camps are organised for a duration of 5 days in which 75 participants take part. An activity, like cleaning a village, levelling a playground, cleaning the debris, constructing small mule road or foot paths. This is one of the most popular scheme of the department. It is proposed to cover 75 participants per district per year during the Eighth Five Year Plan period.

An outlay of Rs. 2.70 lakh has been kept for Annual Plan 1991-92 for this purpose. A total provision of Rs 14.58 lakh has been proposed for the 8th plan of which Rs. 2.70 lakh is for Annual Plan 1992-93.

## **10. Construction of District Youth Centres and Maintenance of Youth Hostels :**

The department has taken-up the construction of Youth Centres at Bilaspur and Dharamsala. The Youth Centre at Bilaspur requires funds for expansion and maintenance. The construction of Dharamsala Youth Centre has been taken-up at estimated cost of Rs. 20 lakh in the year 1989-90. A sum of Rs. 2.88 lakh only has been provided earlier. Construction of Youth Hostels at important places in the State has also been taken-up under the existing scheme of Government of India. The total cost of construction of the youth hostels is borne by the Central Government as also the selection and honorarium to the Warden and Assistant Warden. Only

the recurring expenditure on maintenance of these Youth Hostels is to be borne by the State Government. The Youth Hostel at Dalhousie is already functional. The construction of two other Youth Hostels each at Bilaspur and Manali is to be taken up shortly for which the Government of India has already released the first instalment. It is proposed to continue with the scheme during the Eighth Plan periods. An outlay of Rs. 0.40 lakh has been proposed under the scheme for the Eighth Plan periods.

**11. National Service Scheme :**

This scheme is implemented through the colleges affiliated to Himachal Pradesh University, Shimla, Himachal Pradesh Agriculture University and Himachal Pradesh Horticulture University. Its objective is to enable the college students to participate in various programmes of Social Service and National development. This scheme is shared by the Centre and the State in the ratio of 7:5. It is proposed to continue this scheme during 8th plan period. Under the scheme 5000 students are covered under the regular camping scheme and 2500 under the special camping Scheme. Further under the regular camping scheme a student is entitled to Rs. 120/- per year and under the special camping scheme, he/she is entitled to Rs. 150/- per year. A student under regular camping scheme puts in service for 120 hours in a year and 10 days service in a camp under the special camping Programme. During the annual plan 1991-92, an outlay of Rs. 2.20 lakh has been provided under this scheme. Against this, an outlay of Rs. 2.20 lakh for the annual plan 1992-93 and Rs. 12.60 lakh for the Eighth Plan period has been proposed under this scheme.

**12. Construction of Indira Youth Centre-cum-Sports and Cultural Complex, Shimla :**

The department has taken up the construction of Indira Youth Centre-cum-Sports and Cultural Complex at Shimla town. The Centre will be provided with the facilities of an Auditorium equipped with modern amenities having capacity of 1,000 seats, conference hall and gymnasium etc. The complex will be centrally heated with a provision of lift, cafeteria and a lounge. The total cost is likely to be Rs. 4.16 crore. Of this Rs. 1.16 crore has already been released to the Public Works Department. During the year 1991-92, Rs. 5 lakh has been provided for this purpose. Against this provision, an outlay of Rs. 5 lakh for the Annual Plan 1992-93 and Rs. 100 lakh for the Eighth Plan period has been proposed for the construction of Indira Youth Centre at Shimla town.

**13. Direction and Administration :**

An outlay of Rs. 29.20 lakh has been kept for 1991-92 under the scheme. Against this, a provision of Rs. 204 lakh has been proposed under this scheme for the 8th plan period on account of salaries for staff, allied expenditure on this account and further expansion of the department and provision of facilities of which Rs. 33 lakh has been proposed for Annual Plan 1992-93.

## 5. ART AND CULTURE :

(Rs. in Lakh)

Seventh Plan actual expenditure (1985-90)	512.04
Annual Plan actual expenditure (1990-91)	89.57
Annual Plan approved outlay (1991-92)	105.00
Annual Plan anticipated exp. (1991-92)	105.00
Annual Plan proposed outlay (1992-93)	116.00
Eighth Plan proposed outlay (1992-97)	750.00

The Department of Language and Culture was created during 1973 to preserve and promote cultural heritage of the State. It was during the Sixth and Seventh Five Year Plans, the Department received adequate attention for promotion and dissemination of culture, Himalayan arts, Tribal folk/Arts, Anthropology and museums, Exhibitions classical dance performances and other related activities concerning the promotion of rich cultural heritage. The Department has at present the following wings :

- i) Languages and Publication Wing.
- ii) Official Language Wing.
- iii) Fine Arts Wing.
- iv) Temple Wing.
- v) Archaeology.
- vi) Museums and Art Galleries.
- vii) State Archives.
- viii) Performing arts Wing.
- ix) H.P. Academy of Arts, Culture and Languages.

The actual expenditure incurred under this head of development during the year 1990-91 was of the order of Rs. 89.57 lakh and against this provision Rs. 105 lakh has been provided for the annual plan 1991-92. An outlay of Rs. 116 lakh for the annual plan 1992-93 and Rs. 750 lakh for Eighth Plan has been proposed under this head. The schematic details under this head of development are as under :

### 1. Development of Languages :

The language wing of the Department is responsible for the development and promotion of Hindi, Urdu, Sanskrit and Pahari literature in the Pradesh. An outlay of Rs. 29.26 lakh has been kept for the Annual Plan 1991-92. For the 8th Plan and Annual Plan 1992-93 an outlay of Rs. 120 lakh and Rs. 26.63 lakh has been proposed respectively. The schematic financial details under this programme is depicted in the following table :

(Rs. in Lakh)

Sr. No.	Scheme	Annual Plan 1991-92		Proposed Outlay	
		Approved Outlay	Anticipated Expenditure	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.	6.
1.	Direction and Administration.	16.89	16.89	17.63	70.00
2.	Awards.	1.00	1.00	1.00	5.00
3.	Publications. (Monographs)	3.00	3.00	3.00	15.00
4.	Celebration of Hindi/Sanskrit/Urdu Divas.	1.00	1.00	1.00	6.00
5.	Introduction of modern techniques and implements.	0.50	0.50	0.50	4.00
6.	Writers homes at Dharamsala/Mandi/Solan and Una.	0.60	0.60	1.00	5.00
7.	Sanskrit Bhawan at Shimla.	0.10	0.10	1.00	5.00
8.	Directorate Buildings.	5.17	5.17	1.00	5.00
9.	Language & Cultural Survey ( Creative chair History of Freedom Fighters ).	1.00	1.00	0.50	5.00
TOTAL :		29.26	29.26	26.63	120.00

## 2. Promotion of art and culture :

This wing of the department relates to the preservation and encouragement of art and culture of the State. An outlay of Rs. 23.97 lakh has been kept for annual plan 1991-92. For the 8th Plan and Annual Plan 1992-93 an outlay of Rs. 206 lakh and Rs. 29.27 lakh has been proposed respectively. The schematic details under this head are depicted in the following table :

(Rs. in Lakh)

Sr. No.	Scheme	Annual Plan 1991-92		Proposed Outlay	
		Approved Outlay	Anticipated Expenditure	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.	6.
1.	Staff	0.96	0.96	1.00	10.00
2.	GIA to H.P. Academy of Art and Culture.	11.00	11.00	12.00	70.00
3.	Exp. on festivals (cosmopolitan cities)	1.00	1.00	1.50	10.00
4.	All - India Level Festivals.	1.00	1.00	1.50	10.00
5.	Celebration of fairs.	2.00	2.00	2.00	20.00
6.	Inter State Exchange of Cultural Troupes.	0.50	0.50	1.00	10.00
7.	Scholarships.	0.40	0.40	0.60	3.00
8.	Competitions.	0.70	0.70	1.50	8.00
9.	Maintenance of Kala Kendras.	0.40	0.40	0.50	3.00
10.	C/o Kala Kendra Nahan/ Dharamsala/Solan.	0.75	0.75	1.00	10.00
11.	Cultural Troupes to Foreign countries.	-	-	0.50	5.00
12.	Grant-in-aid to Art & Cultural organisation	-	-	-	-
13.	Workshops performing. Art/Plastic Art/ Fine Art.	0.40	0.40	1.00	8.00
14.	Asst. to artists in indigent circumstances	0.10	0.10	0.10	0.60
15.	Children's Doll museum/ Library & Film.	0.30	0.30	0.50	5.00
16.	Sponsored Prog.	0.50	0.50	0.50	8.00
17.	North Zone Culture Centre	1.00	1.00	0.50	2.00
18.	Renovation of Gaiety Theatre.	1.00	1.00	1.00	10.00
19.	Chair on performing Art/Naritya Natika.	0.70	0.70	0.50	5.00
20.	Setting-up of Rachna Gram at Andreta/ Shimla.	-	-	1.00	5.00
21.	Mini Bus for Artists and Equipments.	1.25	1.25	1.00	3.00
22.	Centrally Sponsored Scheme-Assistance to persons in indigent Circumstances	0.01	0.01	0.07	0.40
TOTAL :		23.97	23.97	29.27	206.00



### 3. Archaeology :

Himachal is one of the richest region of the world in which archaeological wealth-underground and on the surface is lying unexplored. The efforts to this end done so far have revealed enormous possibilities. The need of hour is, therefore, to explore and expose the archaeological wealth of this region and to conserve, restore and preserve it for the postarity. The President of India, on 28th May, 1988, had remarked in the visitor's books, "The easiest way to learn the history of any country or state is to visit the museum. You learn in an hour, traditions dating back to Mahabharata has many interesting pieces to offer and they are facinating. I hope a full fledged Archaeological department will be set-up and all the ancient wealth restored."

In order, therefore, to meet the challenges and expectations in the field of archaeology it is very necessary that the archaeology wing of the department is further strengthened under a Deputy Director (Archaeology) and its activities extended to cover more areas. The wing is to organised under a Deputy Director (with one stenographer attending to him) on the following sections :

- i) Excavation Section.
- ii) Survey and exploration Section.
- iii) Conservation Section,
- iv) Engineering Section,
- v) Chemical Section,
- vi) Publication, Education and Training Section.

The Seventh Plan outlay under this head of development was Rs.89.50 lakh. Against this, the expenditure incurred during the Seventh Plan was Rs. 67.41 lakh. An amount of Rs. 17.27 lakh was spent during the Annual Plan 1990-91 and against this, an outlay of Rs. 18.65 lakh has been kept for 1991-92 under this head. For Eighth Plan and Annual Plan 1992-93 an outlay of Rs. 147 lakh and Rs. 19.10 lakh has been proposed under this head respectively. The schematic details under this head is depicted as under :

(Rs. in Lakh)

Sr. No.	Scheme	Annual Plan 1991-92		Proposed Outlay	
		Approved Outlay	Anticipated Expenditure	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.	6.
1.	Staff	7.60	7.60	8.00	50.00
2.	GIA to Temples for upkeep	1.00	1.00	1.00	20.00
3.	Exploration & Excavation	1.00	1.00	1.00	20.00
4.	Monographs on Archaeology	0.25	0.25	0.20	5.00
5.	GIA to Renuka Dev. Board	1.00	1.00	0.60	5.00
6.	GIA to Bhima Kali Temple.	1.18	1.18	1.30	7.00
7.	GIA to old and Historical Temples	5.52	5.52	5.00	30.00
8.	Installation of Statues.	1.30	1.30	2.00	10.00
TOTAL :		18.85	18.85	19.10	147.00

#### 4. Archives :

Himachal Pradesh was formed with merger of princely States - each having its own law, rules and administration procedures. Archives of the State can be a real treasure house of information, with records giving insight into the past.

Extensive survey of the records in the State will have to be made so that all the historical records of 30 erstwhile princely states are transferred to the Archives and then after proper indexing and listing etc. are made available to the Research Scholars. Archival consciousness will have to be created by organising seminars and exhibitions, official dealings with records at Collectorate level will be imparted, preliminary training in Record Management, Repair and conservation so that current records are kept in good state of preservation and ultimately transferred to State Archives. An outlay of Rs. 5.28 lakh has been kept for Annual Plan 1991-92. For the Eighth Plan and Annual Plan 1992-93 an outlay of Rs. 73 lakh and Rs. 10.30 lakh has been proposed respectively under this head. The schematic details under this head are depicted as follows :

Sr. No.	Schemes	Annual Plan 1991-92		Proposed Outlay	
		Approved Outlay	Anticipated Expenditure	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.	6.
1.	Staff	2.67	2.67	3.00	18.00
2.	Preservation of records.	0.25	0.25	0.50	6.00
3.	Preservation of manuscripts.	0.25	0.25	0.50	7.00
4.	Setting up of Library.	0.10	0.10	0.30	3.00
5.	C/o Archives Blds.	1.00	1.00	1.00	5.00
6.	Seminars of Archives.	0.20	0.20	0.50	5.00
7.	Slide Archives.	0.30	0.30	0.50	6.00
8.	Material for Dev. of Archives.	0.50	0.50	1.00	8.00
9.	Centrally Sponsored Scheme—Material for Dev. of Archives.	0.01	0.01	3.00	15.00
TOTAL :		5.28	5.28	10.30	73.00

#### 5. Museums :

There are two museums in the State, one at Shimla and other at Chamba. The third one i.e. Museum of Kangra Art is coming up at Dharamsala in Kangra District. Provision of a increment for each district is being kept in view of popular demand. An amount of Rs. 11.64 lakh has been kept for Annual Plan 1991-92 under this head. For the Eighth Plan and Annual Plan 1992-93 an outlay of Rs. 79 lakh and Rs. 13.70 lakh has been proposed respectively under this head. The schematic details under this development head are depicted in the following table :

Sr. No.	Schemes	Annual Plan 1991-92		Proposed Outlay	
		Approved Outlay	Anticipated Expenditure	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.	6.
1.	Staff	6.89	6.89	7.50	40.00
2.	Art objects for Himachal State Musuems.	0.20	0.20	0.30	3.00
3.	Art objects for Bhuri Singh Museum, Chamba.	0.20	0.20	0.60	3.00
4.	Art objects for Kangra Museum.	1.00	1.00	1.00	8.00
5.	Documentation of Art objects.	0.35	0.35	0.30	5.00
6.	Art objects for Himachal State Museum.	1.00	1.00	1.00	5.00
7.	C/o Bhuri Singh Museum, Chamba.	1.00	1.00	1.50	5.00
8.	Art objects for A/A Kangra Art Museum at Dharamsala.	1.00	1.00	1.00	5.00
9.	State Museum at various places in the State.	-	-	0.50	5.00
TOTAL :		11.64	11.64	13.70	79.00

**6. Tribal Sub-Plan :**

An outlay of Rs. 16 lakh has been kept for Annual Plan 1991-92. For the Eighth Plan and Annual Plan 1992-93 an outlay of Rs. 125 lakh and Rs. 17 lakh has been proposed respectively under the Tribal Sub-Plan Schemes. The schematic details under this development head are depicted in the following table :

Sr. No.	Schemes	Annual Plan 1991-92		Proposed Outlay	
		Approved Outlay	Anticipated Expenditure	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.	6.
<b>A. LANGUAGE DEVELOPMENT.</b>					
1.	Dev. of Hindi.	1.20	1.20	1.30	10.00
2.	Language and Culture Survey.	-	-	0.20	5.00
<b>B. PROMOTION OF ART &amp; CULTURE.</b>					
1.	Expenditure on Archaeological Cell.	4.83	4.83	4.00	25.00
2.	Expenditure on Art and Culture.	2.00	2.00	1.00	15.00
3.	GIA to Himachal Academy for Arts & Culture Fairs and Festivals.	3.25	3.25	3.50	21.00
4.	Exp. on Archievs Art Gallery.	0.72	0.72	0.50	8.00
5.	Site Museums in Tribal Areas.	1.00	1.00	1.00	5.00
6.	Terraces at Mani-Mahesh.	0.50	0.50	1.00	5.00
7.	C/o Kala Kendra at Kaza.	0.25	0.25	0.50	5.00
8.	Beautification of Chaurasi Temple.	0.50	0.50	1.00	5.00
9.	Kala Kendra at Rekong-Deo.	0.50	0.50	1.00	5.00
10.	Repair of Kamroo Fort.	0.25	0.25	0.50	5.00
11.	Repair of Moorang Fort.	0.50	0.50	1.00	5.00
12.	Beautificaiton of Tabo Monastery.	0.50	0.50	0.50	6.00
TOTAL :		16.00	16.00	17.00	125.00

**7. Centrally Sponsored Schemes :**

During the Annual Plan 1991-92, an outlay of Rs. 0.72 lakh has been proposed under Centrally Sponsored Schemes and against this, the anticipated expenditure will be of the order of Rs. 3.86 lakh. Against this provision, Rs. 4.17 lakh for the Annual Plan 1992-93 and Rs. 21 lakh for Eighth Plan (1992-97) has been proposed as a State and Central shares. The scheme-wise details are as under :

Sr. No.	Schemes	Annual Plan 1991-92		Proposed Outlay	
		Approved Outlay	Anticipated Expenditure	Annual Plan 1992-93	Eligible Plan 1992-93
1.	2.	3.	4.	5.	6.
1.	Assistance to persons in indigent circumstances.	0.11	0.14	0.17	1.00
2.	Material	0.61	3.72	4.00	20.00
Total :		0.72	3.86	4.17	21.00

6. OTHERS:

A) MOUNTAINEERING AND ALLIED SPORTS :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	116.81
Annual Plan actual expenditure	(1990-91)	39.37
Annual Plan approved outlay	(1991-92)	45.00
Annual Plan anticipated exp.	(1991-92)	45.00
Annual Plan proposed outlay	(1992-93)	56.00
Eighth Plan proposed outlay	(1992-97)	365.00

The Resolution on National Sports Policy was laid before Parliament in 1984 to serve as a policy frame for the Centre and State Government and all organisations connected with sports. The policy gives a new thrust to sports activities towards achieving excellence in as many areas of sports and games as possible and at the same time making sports for all a reality. The Sports Authority of India was also established in 1984 and under took several sports activities in addition to maintain and manage infrastructure and other facilities created for ASIAD 1982. Sports Council with assistance of Central and State Governments have jointly undertaken programmes for improving and developing facilities for the promotion of sports and games. National Sports Federations are also assisted for organising coaching camps for preparing the Indian teams and competitors to participate in approved international competitions.

Under this head Rs. 39.37 lakh was spent during the year 1990-91 and an outlay of Rs. 45 lakh has been provided for the year 1991-92. Against this provision, Rs. 56 lakh for the Annual Plan 1992-93 and Rs. 365 lakh for the Eighth Plan has been proposed under this head.

The schematic details under this head are as under :

(Rs. in lakh)

Sr. No.	Name of Scheme	Annual Plan 1991-92		Proposed Outlay	
		Approved Outlay	Anticipated Expenditure	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.	6.
<b>A. Continuing Schemes :</b>					
1.	Augmentation of Directorate of Mountaineering & Allied Sports Manali.	19.33	19.33	22.00	121.00
2.	Strengthening of Regional Mountaineering Centre D/Sala.	4.00	4.00	4.00	31.00
3.	Strengthening of High Altitude Trekking-cum-skiing centre at Narkanda and Dalhausie.	3.92	3.92	4.00	31.00
4.	Hang Gliding scheme.	1.80	1.80	-	1.00
5.	Augmentation of Regional Water Sports Centre Fongdam & Sub Centre Bilaspur.	6.95	6.95	14.00	96.00
6.	Strengthening of mountain rescue and training scheme at Jispa, Khoksar/ Bharmour.	9.00	9.00	10.00	65.00
<b>TOTAL (A) :</b>		<b>45.00</b>	<b>45.00</b>	<b>54.00</b>	<b>345.00</b>
<b>B. NEW SCHEMES :</b>					
1.	Opening of New Mountaineering and Rescue Centre at Kalpa.		0.50	7.50	
2.	Regularisation of Trekking & Mountaineering in H.P.		0.50	5.00	
3.	Opening of HAT and Skiing Centre at Chansel Ghatti.		1.00	7.50	
<b>TOTAL (B) :</b>			<b>2.00</b>	<b>20.00</b>	
<b>GRAND TOTAL : (A+B)</b>			<b>56.00</b>	<b>365.00</b>	



(b) GAZETTEER :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	19.11
Annual Plan actual expenditure	(1990-91)	5.46
Annual Plan approved outlay	(1991-92)	9.00
Annual Plan anticipated exp.	(1991-92)	9.00
Annual Plan proposed outlay	(1992-93)	12.00
Eighth Plan proposed outlay	(1992-97)	67.00

During the Seventh Five Year Plan (1985-90); Shimla Draft Gazetteer was written afresh. The information was collected and incorporated in it and efforts were made to make it press ready. During the year 1990-91, editing work of Shimla Draft Gazetteer was made at State Editors level. The Editing work on Kullu Draft Gazetteer was in progress. During the year 1991-92, the work on Kullu Draft Gazetteer will continue. During the Annual Plan 1992-93, the Draft Mandi District Gazetteer will be Edited at the State Editors level and work on Kangra District Gazetteer will be initiated. It is proposed that the Writing and Editing of Mandi, Kangra, Hamirpur and Una Districts Gazetteer work will be got completed during the Eighth Plan (1992-97).

Under head Gazetteer, an expenditure of Rs. 19.11 lakh was incurred during the Seventh Plan (1985-90). The actual expenditure incurred during the year 1990-91 was of the order of Rs. 5.46 lakh and against this, an amount of Rs. 9 lakh has been approved under this head for the year 1991-92 which will be utilised in full. For the Annual Plan 1992-93, an outlay of Rs. 12 lakh has been proposed out Rs. 67 lakh proposed for the Eighth Plan (1992-97).

## XII. HEALTH

### 1. ALLOPATHY :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	3194.95
Annual Plan actual expenditure	(1990-91)	955.52
Annual Plan approved outlay	(1991-92)	1070.00
Annual Plan anticipated exp.	(1991-92)	1070.00
Annual Plan proposed outlay	(1992-93)	1662.00
Eighth Plan proposed outlay	(1992-97)	10788.00

Delivery of adequate health care to people is a basic task before the nation. This is a pre-requisite for the poor to become employable productively. The situation in respect of many diseases affecting the health of the people has been deteriorating. India has accepted the responsibility of ensuring "Health for all by the year 2000". But this will be impossible to achieve at the current rate of expansion of health services. Besides, a substantial chunk of whatever health services and medical education are available are appropriated by the upper classes. Health delivery systems in rural areas are inadequate and defective. The burden on health programmes has become more enormous with environmental degradation and its impact on the physical life of the people. Health is also a very important component for the success of family planning programme and therefore, deserves special attention. Past experience suggests that the health delivery system has to become a part of a package programme in which other social services, such as education and women's programmes are also brought in. Under this head it has been decided to provide :

- a) Establishment of one subsidiary centre for a population of 5,000 in plains and 3,000 in tribal area by 2000 AD.
- b) One PHC for the population of 30,000 in plains and 20,000 in tribal and hilly areas by 2000 AD and
- c) Establishment of one community health centre for population of one lakh or to cover the population of four PHCs.
- d) Apart from this, under the National Health Policy of the Government, it has been proposed to provide health to all by 2000 AD.

During the Seventh Five Year Plan an outlay of Rs. 1775 lakh was approved under this head against which the actual expenditure was of the order of Rs. 3194.95 lakh. An expenditure of Rs. 955.52 lakh was incurred during the year 1990-91 and against this, the funds to the tune of Rs. 1070 lakh has been approved for the year 1991-92 under this head. For the Annual Plan 1992-93 an outlay of Rs. 1662 lakh and for the Eighth Plan an outlay of Rs. 10788 lakh has been proposed under this head.

The schematic details of the programmes/ Schemes to be undertaken during the Eighth Plan 1992-97 and Annual Plan 1992-93 are depicted as under :

**I MINIMUM NEEDS PROGRAMME :**

**(CONTINUED SCHEMES)**

**1 Construction of Health Sub-Centres/Primary Health Centres and Community Health Centres with staff quarters :**

The following buildings under construction during the year 1991-92 are likely to be spilled over to Eighth Plan and Annual Plan (1992-93) :

Item	Eighth Plan (1992-97)			Annual Plan (1992-93)		
	Spilled over works from 1991-92	New Works to be taken	Total	Spilled over works from 1991-92	New Works to be taken	Total
1.	2.	3.	4.	5.	6.	7.
1. Health Sub-Centre	139	50	189	139	10	149
2. Primary Health Centre	54	15	69	54	3	57
3. Community Health Centre	14	10	24	14	1	15
<b>Total :</b>	<b>207</b>	<b>75</b>	<b>282</b>	<b>207</b>	<b>14</b>	<b>221</b>

During the Annual Plan 1991-92 an amount of Rs. 60.09 lakh has been allocated for the construction of Health Sub-Centres, Primary Health Centres and Community Health Centres buildings which will be utilised in full. For the Annual Plan 1992-93, an outlay of Rs. 82 lakh and for the Eighth Plan an outlay of Rs. 547 lakh has been proposed for the completion of spilled over works of the buildings from 1991-92 and new buildings/works.

**2. Construction of Health Sub-Centres/ Primary Health Centres under UNFPA Project (10% State Share) :**

The second phase of another Area Project under UNFPA has been sanctioned in April 1990. Under this project, the following buildings in 9 districts of the Pradesh are being constructed :

Item	Total Buildings to be constructed in Project period (1990-95)
1.	2.
1. Health Sub-Centre	600
2. Primary Health Centre	45
3. F.H. Training Schools	2
4. F.H. Training Centres	27
5. Regional F.W. Training Centre	1
<b>Total :</b>	<b>675</b>

The total cost of this project is Rs. 3500 lakh. 10% cost of the UNFPA project is to be borne by the State. Accordingly; a provision of Rs. 350 lakh has been kept under State Plan. During the year 1990-91, Rs. 93 lakh was provided for this purpose and against this Rs. 83 lakh has been kept during the year 1991-92. For the Annual Plan 1992-93, an outlay of Rs. 83 lakh and for the Eighth Plan, an outlay of Rs. 175 lakh as a State Share has been proposed under this project.

### 3. Revenue content of UNFPA Project (10% State Share) :

To meet the 10% cost of Revenue Expenditure of the UNFPA Project on Staff, Machinery and Equipment, Material and Supplies and contingencies etc. an amount of Rs. 40 lakh has been kept as a State share during the Annual Plan 1991-92. Against this, again an outlay of Rs. 40 lakh has been proposed as a State share for the Annual Plan 1992-93 out of the total provision of Rs. 175 lakh for the Eighth Plan for this purpose.

### 4. Opening of Health Sub-Centres :

The Health Sub-Centres opened under state Plan before Sixth Five Year Plan, Seventh Five Year Plan and Annual Plan, 1990-91 and 1991-92 has been spilled over to Eighth Plan 1992-97 and Annual Plan 1992-93. During the Annual Plan 1991-92, an amount of Rs. 58.99 lakh has been approved to meet the salary and other recurring expenditure of the staff. Against this, an outlay of Rs. 72.45 lakh for the Annual Plan 1992-93 and Rs. 400.16 lakh for the Eighth Plan period has been proposed for the purpose.

### 5. Opening of Primary Health Centres :

The Primary Health Centres opened during the Seventh Five Year Plan (1985-90) and Annual Plan 1990-91 and 1991-92 has been spilled over to Eighth Plan (1992-97) and Annual Plan 1992-93. During Annual Plan 1991-92 an anticipated expenditure of Rs. 200.70 lakh is expected under this Scheme. Therefore, an outlay of Rs. 1418 lakh has been proposed for Eighth Plan and Rs. 217.70 lakh has been proposed for Annual Plan 1992-93.

## **6. Opening of Community Health Centres :**

The community Health Centres opened during Sixth Five Year Plan and Seventh Five Year Plan and Annual Plan 1990-91 and 1991-92 have been spilled over to Eighth Plan. During Seventh Plan an expenditure of Rs. 109.92 lakh has been incurred. For the Annual Plan 1991-92 an outlay of Rs. 42.98 lakh has been kept. For the Eighth Plan and Annual Plan 1992-93 an outlay of Rs. 360 lakh and Rs. 71.65 lakh has been proposed respectively.

## **7. Continuation of Expenditure on PHC Bharmour :**

Primary Health Centre Bharmour was upgraded as Rural Hospital under Special Central Assistance for Tribal Areas. During the Seventh Five Year Plan 1985-90 the Government of India did not agree for it under Special Central Assistance for Tribal Areas. Therefore, it has to be included in the State Plan. A sum of Rs. 40.25 lakh has been proposed for Eighth Five Year Plan 1992-97 and Rs. 7.20 lakh has been proposed for Annual Plan 1992-93. During the Annual Plan 1991-92 an amount of Rs. 6.80 lakh has been provided.

## **8. Multipurpose Workers Scheme (State Plan) :**

The new Health Sub-Centres are being opened under Family Welfare Programme for which Female Health Workers are provided. But as per Government of India norms 2 Workers (1 Female Health Worker and 1 Male Health Worker) are essential in the Health Sub-Centres for its smooth functioning. Therefore, the salary of Male Health Worker is being charged under this scheme. During the Annual Plan 1991-92, an amount of Rs. 168.46 lakh has been allocated for this purpose. For the Eighth Five Year Plan an outlay of Rs. 2231.59 lakh and for Annual Plan 1992-93 an outlay of Rs. 340 lakh has been proposed.

## **II. MINIMUM NEEDS PROGRAMME (Really New Schemes)**

The following new Schemes are proposed to be introduced in the Pradesh for providing better Health Services during the Eighth Plan period under Minimum Needs Programme :

### **1. Opening of Primary Health Centres :**

In order to achieve the target of Health for all by 2000 A.D.; it has been proposed to open 15 New Primary Health Centres in the Pradesh during the Eighth Plan 1992-97.

This will further reduce the distance which the patients have to travel at present to get medical aid and provide better health care and preventive facilities to the Rural population nearer to their destination. Accordingly, provisions of Rs. 290 lakh and Rs. 6 lakh have been proposed for Eighth Plan and Annual Plan 1992-93 respectively.

**2. Opening of Community Health Centres :**

Community Health Centre is serving at present One per 1 lakh population or is covering the population of 4 Primary Health Centres. It has been proposed to open 5 community health centres in the Pradesh during the Eighth Plan period 1992-97.

This will provide referral services to the patients coming from Primary Health Centres within the Rural Area and will reduce the pressure on District Hospitals/ State Hospitals etc. as at present. For this an outlay of Rs. 88 lakh and Rs. 2 lakh have been proposed for Eighth Plan and Annual Plan 1992-93.

**3. Multipurpose Worker Scheme (State Plan) — Providing of 149 male Health Workers in Health Sub-Centres :**

Each Sub-Centres is required to have two multipurpose workers (1 Male and 1 Female). The female Health Workers are being provided under Family Welfare Programme which is a 100% CSS Programme. The Male Health Workers are to be provided under the State Plan. The 30 Health Sub-Centres are proposed to be opened during the Eighth Plan.

Hence necessary provision of Rs. 88 lakh and Rs. 2 lakh has been proposed during the Eighth Plan 1992-97 and Annual Plan 1992-93 respectively.

**4. Conversion of 17 Rural Hospitals into Community Health Centres :**

There are at present 17 Rural Hospitals functioning in the State which were opened before 1980. Since the beginning of Sixth Five year Plan the Government of India have changed this concept and decided to open community health centres in place of Rural Hospitals. It also added specialities in the community Health Centres viz; Medicines, Surgery, Gynaecology, and obstetrics. In Himachal Pradesh only 2 Specialities in medicines and Surgery are being provided in Community Health Centres at present, which are not available in the Rural Hospitals. It has been proposed to convert these 17 Rural Hospitals into Community Health Centres and make-up the deficiency of the following staff in a phased manner during the Eighth Plan 1992-97 :

1992-93	=	3 RHS to be converted into CHCs.
1993-94	=	3 RHS to be converted into CHCs.
1994-95	=	3 RHS to be converted into CHCs.
1995-96	=	4 RHS to be converted into CHCs.
1996-97	=	4 RHS to be converted into CHCs.
		-----
Total	=	17
		-----

Additional posts required in each Rural Hospitals :

1. GDO-I (Specialist)	=	1
2. Staff Nurse	=	1
3. Laboratory Technician	=	1
4. Operation Theatre Assistant	=	1
5. Cook	=	1
6. Clerk	=	1
7. Refractionist	=	1
		-----
TOTAL :	=	7,
		-----

Accordingly, an outlay of Rs. 132 lakh and Rs. 5 lakh has been proposed for the Eighth Plan and Annual Plan 1992-93 respectively.

5. Strengthening of Services at PHCs (Providing of 11 Posts of Laboratory Technicians and 11 Posts of Class-IV (Ward Boys) in 11 PHCs opened during 1984-85 to bring them at par with other PHCs in the State :

14 Primary Health Centres were opened in the State during the year 1984-85, but no posts of Laboratory Technician and Class-IV (Ward Boys) have been sanctioned in these PHCs so far. Therefore, necessary provision for these posts in these PHCs has been proposed in the Eighth Plan 1992-97 and Annual Plan 1992-93. Accordingly an outlay of Rs. 25 lakh and Rs. 3 lakh has been proposed for the Eighth Plan and Annual Plan 1992-93 respectively.

II. OTHER THAN MINIMUM NEEDS PROGRAMME

(CONTINUED SCHEMES)

II. HOSPITALS AND DISPENSARIES :

1. Construction of District Hospitals, Hospitals and Civil Dispensaries, buildings with staff Quarters:

The following buildings under construction during the year 1991-92, have been spilled over to Eighth Plan 1992-97 and Annual Plan 1992-93 :

1. District Hospitals	=	10
2. Civil Hospitals	=	13
3. Civil Dispensaries	=	39

Efforts will be made to complete the continuing Works during the Eighth Plan. The new works will be taken-up are as under :

Hospital/Dispensary	New works to be taken-up during	
	Eighth Plan(1992-97)	Annual Plan(1992-93)
1.	2.	3.
1. District Hospitals	2	-
2. Civil Hospitals	5	1
3. Civil Dispensaries	15	3

During the Annual Plan 1991-92 an amount of Rs. 57.86 lakh has been proposed for this purpose. For Eighth Plan 1992-97 and Annual Plan 1992-93 an outlay of Rs. 360 lakh and Rs. 65 lakh have been proposed respectively.

**2. Minor Works :**

The necessary provision for Minor Works viz, Special Repairs etc. has been kept for the Annual Plan 1991-92 of the order of Rs. 4 lakh. For the Eighth Plan Rs. 40 lakh and Annual Plan 1992-93 Rs. 8 lakh has been proposed for the purpose.

**3. Establishment of Civil Dispensaries :**

One Civil Dispensary opened under this scheme during 1985-86 is continuing. The necessary provision for salary, Materials and supplies and Machinery and Equipments and Rent, Rate Taxes etc. has been made during the Annual Plan 1991-92 of the order of Rs. 2.34 lakh. For the Eighth Plan 1992-97 and Annual Plan 1992-93 Rs. 15 lakh and Rs. 2.60 respectively has been proposed.

**4. Providing of additional staff to Dental Clinics :**

Additional Staff has been provided in the Dental Clinics to provide better Dental Services to the people. To meet the financial provision under this scheme an outlay of Rs. 2.42 lakh has been approved for the Annual Plan 1991-92. An outlay of Rs. 16.92 lakh and Rs. 2.70 lakh has been proposed for the Eighth Plan 1992-97 and Annual Plan 1992-93 respectively for this purpose.

**5. Providing of staff under Dental School Health Services :**

Dental School Health Services have been started in the Pradesh under which Dental Team visits the Schools periodically and advises the students about Dental Cleanliness and distributes medicines to the ailing students. An outlay of Rs. 8.01 lakh has been kept for the Annual Plan 1991-92. Against this, an outlay of Rs. 50 lakh and Rs. 9 lakh have been proposed for the Eighth Plan and Annual Plan 1992-93 respectively for this purpose.

**6. Strengthening of Services at District Hospitals/Referral Hospitals/Civil Hospitals :**

In order to provide better Health care facilities to the General Public the district hospitals/referral hospitals and civil hospitals have been further strengthened by providing additional staff. During the Year 1991-92 an amount of Rs. 97.26 lakh has been approved for this purpose. The necessary continuing provision of Rs. 615 lakh and Rs. 107.30 lakh have been proposed for the Eighth Plan and Annual Plan 1992-93 respectively for this purpose.



**7. Continuation of Expenditure on Rural Hospitals :**

Under this scheme necessary Machinery and Equipments are being provided to the Hospitals located in the Rural Areas of the Pradesh. An amount of Rs. 9.98 lakh has been allocated for this scheme for the year 1991-92. An outlay of Rs. 75 lakh and Rs. 12.40 lakh have been proposed under this scheme for Eighth Plan and Annual Plan 1992-93 respectively.

**II. HOSPITALS AND DISPENSARIES (REALLY NEW SCHEMES) :**

**1. Establishment of Second State Level Hospital in the Lower Region of the Pradesh (300 Beds Hospitals) :**

The Hon'ble Chief Minister Himachal Pradesh while presenting the Budget for 1991-92 has announced in the Budget Speech that a State Level Hospital in the Lower Region of the State will be opened so that the patients which are at present referred to Indira Gandhi Medical Hospital Shimla are treated in that Hospital and the public is saved from inconvenience. The necessary proposal has been prepared and provision of Rs. 2000 lakh and Rs. 200 lakh has been proposed for Eighth Plan and Annual Plan 1992-93 respectively for 200 bedded hospitals.

**2. Strengthening of Blood Banks Services in District Hospitals:**

The Government of Himachal Pradesh have started Blood Banks at each District Head Quarters Hospital so that blood is made available in the hour of need and may not have to rush to the State Blood Bank at Shimla. It is therefore, very essential that these Blood Banks are equipped with fully trained staff. The following staff is at present deficient in District Head-quarters Blood Banks :

Districts	No. of posts required category-wise			
	Blood Bank Officer	B.T.A.	Laboratory Assistant	Class - IV ( Sweeper )
1.	2.	3.	4.	5.
1. Bilaspur	1	1	1	1
2. Chamba	1	2	1	1
3. Hamirpur	1	1	1	1
4. Kullu	1	2	1	1
5. Mandi	-	1	-	1
6. Solan	-	1	-	1
7. Nahan	1	1	1	1
8. Una	1	1	1	1
9. Kangra	-	2	-	1
10. Keylong	1	1	1	1
11. Kinnaur	1	1	1	1
12. Shimla	-	1	-	1
<b>Total :</b>	<b>8</b>	<b>15</b>	<b>8</b>	<b>12</b>

An outlay of Rs. 30 lakh has been proposed for the Eighth Plan (1992-97) and Rs. 5 lakh for the Annual Plan (1992-93) for this purpose.

### **III. TRAINING :**

Two schools of General Nurses and 2 Schools of Male Health Workers have been opened under this scheme, for making up the deficiency of General Nurses and Male Health Workers in the Medical institutions. For this purpose an outlay of Rs. 19.59 lakh has been provided during the year 1991-92. An outlay of Rs. 130 lakh and Rs. 22 lakh have been proposed for Eighth Plan 1992-97 and Annual Plan 1992-93 respectively under this scheme.

### **IV. OTHER PROGRAMMES :**

#### **1. Establishment of Composite Testing Laboratory at Kandaghat :**

Composite Testing Laboratory has been established at Kandaghat. To meet the expenditure of this Laboratory an outlay of Rs. 14.10 lakh has been provided for the year 1991-92. An outlay of Rs. 100 lakh and Rs. 16 lakh has been proposed for the Eighth Plan (1992-97) and Annual Plan 1992-93 for this purpose.

#### **2. Strengthening of Services at Health Centre for Handicapped :**

A Health Centre for handicapped has been opened at Sundernagar. Necessary staff for physiotherapy exercises has been provided in this Centre. To meet the salary of the staff an amount of Rs. 0.62 lakh has been provided during the year 1991-92. An outlay of Rs. 5 lakh and Rs. 0.75 lakh has been proposed for the Eighth Plan and Annual Plan 1992-93 respectively under this scheme.

#### **3. Establishment of Drug Cell in Health Directorate :**

A separate Drug Cell has been established in the Health and Family Welfare Directorate. During the Annual Plan 1991-92, an amount of Rs. 1.28 lakh has been approved. An outlay of Rs. 9 lakh and Rs. 1.50 lakh has been proposed for the Eighth Plan 1992-97 and Annual Plan 1992-93 respectively under this scheme.

#### **4. Continuation of Expenditure on Health and Family Welfare Directorate :**

A.R. unit of Himachal Pradesh Government has recommended additional staff for the smooth functioning of Health & Family Welfare Directorate. Accordingly some posts have been sanctioned. An amount of Rs. 16.66 lakh has been provided for this purpose during the year 1991-92. For continuance of these posts during the Eighth Plan and Annual Plan 1992-93 an outlay of Rs. 115 lakh and Rs. 20 lakh has respectively been proposed.

**5. Strengthening of Civil Registration and Vital Statistics :**

Vital Registration and Vital Statistics Cell has been opened in the Health Directorate which keeps the accounts of Birth and Deaths etc. in the Pradesh. During the year 1991-92, an amount of Rs. 3.77 lakh has been provided under this scheme. An outlay of Rs. 16 lakh and Rs. 4.50 Lakh has been proposed for the Eighth Five Year Plan 1992-97 and Annual Plan 1992-93 respectively.

**6. Continuation of Expenditure on National Programme for Control of Blindness :**

Two Mobile Units under National Programme for Control of Blindness have been transferred to State Plan during the Seventh Five Year Plan 1985-90 and Annual Plan 1990-91. From the Centrally Sponsored 100% CSS Scheme. During the year 1991-92 an amount of Rs. 26.82 lakh has been approved under this scheme. The necessary budget provision of Rs. 200 lakh and Rs. 31 lakh have been proposed for the Eighth Plan and Annual Plan 1992-93.

**7. Strengthening of Services at District Head-quarters :**

The additional staff provided at District head-quarters for their smooth functioning is being charged under this scheme. To meet this expenditure an amount of Rs. 19.31 lakh has been allocated under this scheme. An outlay of Rs. 130 lakh and Rs. 22.50 lakh have been proposed for the Eighth Plan 1992-97 and Annual Plan 1992-93 respectively under this scheme.

**8. Establishment of Research, Monitoring and Evaluation Cell in Health Directorate :**

A Research, Monitoring and Evaluation Cell for the implementation of Family Welfare Programme has been established in the Health and Family Welfare Directorate. During the year 1991-92, an amount of Rs. 0.95 lakh has been approved. An outlay of Rs. 7 lakh and Rs. 1.10 lakh have been proposed for the Eighth Plan and Annual Plan 1992-93 respectively under this scheme.

**9. Establishment of Survey Team to find out Morbidity pattern in Tribal Areas :**

A survey team to find out morbidity pattern in tribal areas of the Pradesh with Headquarters at Kalpa was established during the Sixth Five Year Plan period (1980-85) for touring the Tribal Areas as under :

Pangi, Bharmour and Lahaul Areas	During Summer Season.
Kinnaur and Spiti Areas	During Winter Season.

During the year 1991-92, an amount of Rs. 1.75 lakh has been approved. Under this scheme an outlay of Rs. 15 lakh and Rs. 2 lakh have been proposed for the Eighth Five Year Plan (1992-97) and Annual Plan (1992-93).

**10. Establishment of Transport Workshop at Tanda :**

The Transport workshop of the Department was sanctioned under US AREA DEVELOPMENT PROJECT at Tanda. This Workshop has been transferred to State Plan on completion of the USAID Project. Under this Scheme an amount of Rs. 2.97 lakh has been approved. An outlay of Rs. 40 lakh and Rs. 5 lakh has been proposed for the Eighth Five Year Plan (1992-97) and Annual Plan (1992-93) for this purpose.

**11. Establishment of Audiovisual Services in Tribal Areas :**

Audiovisual Services are being provided in the Tribal Areas by posting Projectionists with Headquarters at Keylong and Kalpa. To meet their Salaries and Material & Supplies expenditure, Rs. 0.65 lakh has been proposed during the year 1991-92. An outlay of Rs. 5 lakh and Rs. 0.75 lakh has been proposed for the Eighth Five Year Plan 1992-97 and Annual Plan 1992-93.

**12. Continuation of Expenditure on Leprosy Control Programme :**

This scheme has been transferred to State Plan from 100% CSS Scheme. An outlay of Rs. 9.76 lakh has been approved under the scheme for the year 1991-92. Under this scheme an outlay of Rs. 90 lakh and Rs. 11.50 lakh has been proposed for the Eighth Plan 1992-97 and Annual Plan 1992-93.

**13. Providing of additional incentives under Family Welfare Programme :**

The Himachal Pradesh Government has floated a Scheme to provide additional incentives to the couples adopting Family Planning methods after 1 Female Child/2 Female Children. During the year 1991-92 an outlay of Rs. 16 lakh has been kept for this work. To continue this scheme during the Eighth Plan 1992-97 and Annual Plan 1992-93 an outlay of Rs. 150 lakh and Rs. 30 lakh has been proposed respectively.

**14. Providing of Grant-in-aid to Indian Red Cross Society :**

Grant-in-aid is being provided to the Indian Red Cross Society for its Welfare activities. An amount of Rs. 2 lakh has been approved for this purpose during the year 1991-92. An outlay of Rs. 10 lakh and Rs. 2 lakh has been proposed for the Eighth Plan 1992-97 and Annual Plan 1992-93 under this scheme.

**15. Provision for Publicity :**

Provision for the Publicity of Health advertisements has been kept. An amount of Rs. 0.55 lakh has been approved for the year 1991-92 for this purpose. An outlay of Rs. 5 lakh has been proposed for the Eighth Plan 1992-97 and Rs. 1 lakh for the Annual Plan 1992-93.

## **V. E.S.I. DISPENSARIES :**

This scheme was started for providing Medical Aid to the Industrial Employees. Under this scheme, ESI Dispensaries have been established in the Industrial Areas of the Pradesh. A provision of Rs. 7.24 lakh has been made for the year 1991-92 for this purpose. An outlay of Rs. 72 lakh has been proposed for the Eighth Plan and Rs. 10 lakh for the Annual Plan 1992-93 as continuing expenditure.

## **VI. CSS ON 50:50 SHARING BASIS.**

### **1. National Malaria Eradication Programme.**

This is a continuing scheme for Eradication of Malaria. Under this scheme, insecticides are being provided by the Government of India and establishment charges are being borne by the State Government. During the Annual Plan 1991-92, funds to the extent of Rs. 85.21 lakh has been provided as a State share under this scheme. An outlay of Rs. 450 lakh has been proposed for the Eighth Plan and Rs. 86.40 lakh have been proposed for the Annual Plan 1992-93 under the scheme as a State share.

### **2. National T.B. Control Programme.**

Under this programme T.B. Drugs are being supplied by the Government of India for distribution to the T.B. patients free of cost. The State Government keeps the matching provision for meeting the 50% cost of drugs. During the Annual Plan 1991-92, an amount of Rs. 47 lakh has been kept as a State share. Against this, an outlay of Rs. 50 lakh for the Annual Plan 1992-93 and Rs. 250 lakh for the Eighth Plan has been proposed under this scheme.

## **VII. CSS ON 100% CENTRAL SHARE BASES :**

### **1. National Family Welfare Programme.**

This programme is being implemented under 100% Central Assistance. Under this programme, the couples are being motivated to adopt Family Planning methods to curtail the growth of population and to have well planned families. During the year 1991-92 an amount of Rs. 7.07 lakh has been provided for this purpose. Under this scheme an outlay of Rs. 5120.84 lakh and Rs. 821.66 lakh has been proposed for the Eighth Plan and Annual Plan 1992-93 respectively.

### **2. Health Guide Scheme.**

Under this scheme, the Government of India provides Honorarium to the Health Guides posted in the villages, at the rate of Rs. 50/- per month. There are about 3721 Health Guides at present. During the year 1991-92 an amount of Rs. 23 lakh has been allocated under this scheme. An outlay of Rs. 115 lakh and Rs. 23 lakh has been proposed for the Eighth Plan 1992-97 and Annual Plan 1992-93 respectively.

### **3. National Leprosy Control Programme.**

Under this programme Leprosy Control units are being opened. An amount of Rs. 8.26 lakh has been provided under this scheme for the year 1991-92. An outlay of Rs. 50.70 lakh and Rs. 8.80 lakh has been proposed for the Eighth Plan 1992-97 and Annual Plan 1992-93 respectively for smooth functioning of the programme.

### **4. Training of Multipurpose Workers (Male).**

Under this scheme, one school for 1-1/2 Year's training of Male M.P.Ws is functioning at Pari Mahal with a capacity of 40 students. The M.P.Ws (Male) after training are being posted in the Health Sub-Centres. An amount of Rs. 3.61 lakh has been provided for the year 1991-92 under this scheme. An outlay of Rs. 25 lakh and Rs. 4 lakh has been proposed for Eighth Plan 1992-97 and Annual Plan 1992-93.

### **5. National Goitre Control Programme.**

Under this programme, Iodised Salt is being distributed to the Goitre infected patients. During the year 1991-92, Rs. 1.20 lakh has been approved under this scheme. An outlay of Rs. 13.50 lakh and Rs. 2.30 lakh has been proposed for the Eighth Plan and Annual Plan 1992-93 respectively.

### **6. Laboratory Facilities at PHCs.**

Under this scheme, Microscopes are being provided in the Primary Health Centres. An amount of Rs. 3.30 lakh has been provided under this scheme for the year 1991-92. An outlay of Rs. 16.50 lakh has been proposed for Eighth Plan 1992-97 and Rs. 3.30 lakh has been proposed for Annual Plan 1992-93.

### **7. National School Health Services Scheme.**

Under this scheme, the School Children are being regularly examined periodically by the Medical Team and are being given free treatment and medicines. An amount of Rs. 1.25 lakh has been approved under the scheme for the year 1991-92. An outlay of Rs. 6.25 lakh and Rs. 1.25 lakh has been proposed for Eighth Plan and Annual Plan 1992-93.

### **8. Expenditure on the Development of Blood Banks.**

With the object of providing safe and quality blood, it is proposed to strengthen the Blood Banks by providing essential equipments, consumables and reagents. An amount of Rs. 2.45 lakh under this scheme for the year 1991-92 has been approved. An outlay of Rs. 12.25 lakh and Rs. 2.45 lakh has been proposed for the Eighth Plan and Annual Plan 1992-93 respectively.

**9. UNFPA Project (90% CSS).**

The Health Sub-Centres/Primary Health Centres and Community Health Centres in three Districts of the Pradesh were constructed under USAID Area Development Project. To construct these buildings in the remaining 9 Districts of the Pradesh a New Project 'UNFPA PROJECT' has been sanctioned by the Government of India at a total cost of Rs. 3500 lakh. It will complete its work by 1994-95. An amount of Rs. 1107.85 lakh has been provided for the year 1991-92. An outlay of Rs. 1248.19 lakh and Rs. 1107.65 lakh has been proposed for Eighth Plan and Annual Plan 1992-93 respectively.

**10. Ophthalmic Assistants Training at Medical College.**

This is a new scheme introduced by the Government of India during 1991-92 for the Training of Ophthalmic Assistants. An amount of Rs. 1.08 lakh has been provided for the year 1991-92. An outlay of Rs. 7 lakh and Rs. 1.20 lakh has been proposed for the Eighth Plan and Annual Plan 1992-93, respectively.

**11. Supply of Antibiotic Tubes.**

A new scheme has been introduced by the Government of India under which Antibiotic Tubes are being supplied to the Eye patients free of cost. For the year 1991-92 an amount of Rs. 0.20 lakh has been provided under the scheme. An outlay of Rs. 1 lakh and Rs. 0.20 lakh has been proposed under this programme for Eighth Plan 1992-97 and Annual Plan 1992-93.

**12. Grant-in-aid to Voluntary Organisations for Eye Operation.**

Grant-in-aid is being given to the Voluntary Organisations holding Eye Camps in the State free of charge. An amount of Rs. 1 lakh for the year 1991-92 has been kept under the scheme. An outlay of Rs. 5 lakh and Rs. 1 lakh has been proposed for Eighth Plan 1992-97 and Annual Plan 1992-93 for this purpose.

**13. Health Education Aid.**

Under this programme training is given to Doctors and Para-Medical staff posted in the Primary Health Centres. They are also provided Health Education literature. An amount of Rs. 0.50 lakh has been approved for the year 1991-92 for this purpose. An outlay of Rs. 2.50 lakh and Rs. 0.50 lakh has been proposed for Eighth Plan 1992-97 and Annual Plan 1992-93 for this purpose.

**14. National Award for best performance under Family Welfare Programme.**

National Award of Rs. 50 lakh each were awarded to this State for best performance under Family Welfare Programme. A sum of Rs. 42.31 lakh is now left during 1991-92. It is being spent on the construction of Family Welfare Directorate.

**REALLY NEW SCHEME UNDER FAMILY WELFARE PROGRAMME.**

**1. Opening of Health Sub-Centres under Family Welfare Programme (100% CSS)**

Health Sub-Centres are being opened under Family Welfare Programme. A target of 149 Health Sub-Centres has been kept for Eighth Plan 1992-97 and a target of 30 Health Sub-Centres has been kept for Annual Plan 1992-93. An outlay of Rs. 80 lakh has been kept for Eighth Plan and Rs. 3.60 lakh have been proposed for Annual Plan 1992-93.



(2) AYURVEDA, INDIAN SYSTEM OF MEDICINE AND HOMEOPATHY :

(Rs. in Lakh)

Seventh Plan actual expenditure (1985-90)	422.28
Annual Plan actual expenditure (1990-91)	204.27
Annual Plan approved outlay (1991-92)	230.00
Annual Plan anticipated exp. (1991-92)	230.00
Annual Plan proposed outlay (1992-93)	293.00
Eighth Plan proposed outlay (1992-97)	1800.00

Programme Thrust in the Eighth Five Year Plan :

The approach and strategy for developing health care delivery system in rural areas initiated in the Seventh Plan would be pursued vigorously with stress on the following aspects:

1. Promotion of Indian System of Medicine by providing better and improved facilities;
2. To improve the standard of the medical and para-medical staff working in the department by providing them facilities from in service training, seminar, refresher courses, conferences and services;
3. To improve the condition of Ayurvedic College in the State;
4. To improve the working condition in the pharmacies by better management and latest technology;
5. To provide adequate facilities for better running of panchkarma units and Nature cure centres; and
6. To make efforts to remove stagnancy among the medical/para-medical staff.

Performance of Seventh Plan :

The original size of the Seventh Plan was Rs. 250 lakh. It was revised to Rs. 383.47 lakh and against this an expenditure of Rs. 422.28 lakh was incurred. The year-wise details of the expenditure are as under :

(Rs. in Lakh)

Year	Revised outlay	Actual Expenditure
1985-86	40.00 )	
1986-87	60.00 )	171.50
1987-88	73.47 )	
1988-89	90.00	138.64
1989-90	120.00	112.14
Total	383.47	422.28

**Physical Achievements :**

During the Seventh Plan, one Ayurvedic Hospital, 95 Ayurvedic dispensaries, 2 Homeopathic dispensaries, 2 Panch Karma Unit and one Nature cure unit were opened in the Pradesh.

The comparative position of Ayurvedic Institutions opened in the Pradesh is depicted in the following table :

Sr.No.	Institutions	As on 31st March	
		1984-85	1985-90
1.	Ayurvedic Hospitals	11	12
2.	Ayurvedic Dispensaries	427	522
3.	Unani Dispensaries	3	3
4.	Homeopathic Dispensaries	-	2
5.	Panch Karma Units	-	2
6.	Nature Cure Unit	-	1

During the Annual Plan 1991-92, Rs. 204.27 lakh were spent and against this an amount of Rs. 230 lakh has been provided for the year 1991-92. The anticipated expenditure for the year 1991-92 will be of the order of Rs. 236.89 lakh. For the year 1992-93, an outlay of Rs. 293 lakh and for the Eighth Plan an outlay of Rs.1800 lakh has been proposed under this head.

**Physical Target :**

The following new Ayurvedic institutions will be opened during the Eighth Plan and Annual Plan (1992-93) in the Pradesh :

Institution	Unit	Eighth Plan Target	Annual Plan (1992-93) Target
1. Ayurvedic Rural Health Centres	No.	25	5
2. Ayurvedic Hospital	No.	2	-
3. Homeopathic Dispensary	No.	10	2

During the year 1992-93 the department proposes to open 5 new Ayurvedic Rural Health Centres and two Homeopathic Dispensaries in the State. It is intended that during the 8th Five Year Plan the following posts will be created in the 25 Ayurvedic Dispensaries, 10 Homeopathic Dispensaries and 2 Ayurvedic Hospitals.

1.	Ayurvedic Chikitsa Adhikaries	-	25
2.	Ayurvedic Compounders	-	25
3.	Midwives / Dais	-	25
4.	Class-IV	-	25
5.	Sweeper	-	25
6.	Homeopathic Doctors	-	10
7.	Homeopathic Compounders	-	10
8.	Class IV	-	10
9.	Sweeper	-	10

The two new posts of Superintendent Gr-II would be created during 1992-93 because offices of the District Ayurvedic Officers at Hamirpur and Lahaul & Spiti are functioning without any supervisory post of the ministerial level.

One post of Steno-typist is required at the Directorate level as the present incumbent attached with the Officer-on-Special Duty is working on daily wage basis in the department. This arrangement cannot continue for long and there is need to create a regular post instead.

A Hospital at Mandi proper is an immediate need of the department as all the districts except Mandi and Lahaul & Spiti have Ayurvedic Hospitals. It is proposed that during 1996-97 a Hospital at Mandi which is the second largest district of the State, be started. A Tribal Hospital will be started in Lahaul & Spiti during the year 1994-95. One Chikitsak, Two Ayurvedic Chikitsa Adhikaries, Two Compounders, One Staff Nurse, Two ANM, One Class-IV and Two Sweepers will be posted in each Hospital.

In-service training, refresher courses under the orientation Programme would be started for medical & para-medical staff which had been working in the interior of the State.

#### Eighth Five Year Plan (1992-97)

The proposed Eighth Five Year Plan outlay (1992-97) of the department is Rs. 1800 lakh out of which Rs. 1585 lakh would be spent on the Revenue side and Rs. 215 lakh on the capital side.

The Revenue side would cover the expenditure on the existing institutions, besides the following new ones which would be opened during the Eighth Plan period :

1. Hospitals at Mandi, Lahaul & Spiti during the year 1996-97 & 1994-95. Each hospital will have 2 ACAs, 2 Ayurvedic Compounders, 2 ANMs, 2 Class-IV and 2 Sweepers.
2. 25 Ayurvedic Rural Health Centres will be opened during 1992-97 out of which 18 Ayurvedic Rural Health Centres will be opened in NTA, 3 Backward area, 2 in Tribal Area & 2 in S.C.P. areas.
3. 10 New Homeopathic dispensaries will be opened in the Eighth Plan out of which 2 will be opened during Annual Plan 1992-93.
4. Posting of 20 ANMs in the hospitals and dispensaries with 10 ANMs each year starting from 1993-94.
5. Strengthening of Hospitals with Ayurvedic Chikitsak, 6 posts will be created.
6. Creation of two posts of Superintendent for Hamirpur and Lahaul & Spiti and one post of Steno-typist for the Directorate.

The year-wise proposed break-up of Eighth Plan outlay are as under :

Year	Outlay
1992-93	293.00
1993-94	316.00
1994-95	352.00
1995-96	392.00
1996-97	447.00
Total	1800.00

The scheme-wise details are as under :

**1. Direction and Administration :**

For meeting the continued expenditure of the staff and its further strengthening at the State Headquarters and at the district headquarters an amount of Rs. 20.21 lakh has been provided for the year 1991-92. Against this provision Rs. 20 lakh for the Annual Plan 1992-93 and Rs. 124 lakh for the Eighth Plan has been proposed under this scheme.

**2. Ayurvedic Hospital :**

An outlay of Rs. 31 lakh has been approved for meeting the expenditure of continued 11 Ayurvedic Hospitals during the year 1991-92. Against this, an outlay of Rs. 49.10 lakh for the Annual Plan 1992-93 and Rs. 270 lakh for the Eighth Plan has been proposed. During the Eighth Plan period one new Ayurvedic Hospital will be opened in non Tribal Areas.

**3. Ayurvedic Rural Health Centres :**

During the year 1991-92, Rs. 62.45 lakh has been allocated for meeting the expenditure of 50 continued Ayurvedic Rural Health Centres in Non-Tribal Areas. An outlay of Rs. 69.40 lakh for the Annual Plan 1992-93 and Rs. 480.50 lakh for the Eighth Plan has been proposed under this scheme. During the Eighth Plan, 18 New Ayurvedic Rural Health Centres will be opened in the State.

**4. Ayurvedic Pharmacies :**

An amount of Rs. 7.35 lakh has been approved for the year 1991-92 for meeting the expenditure of 2 Ayurvedic Pharmacies at Majra and Jogindernagar. Against this provision, Rs. 13 lakh for the Annual Plan 1992-93 and Rs. 70 lakh for the Eighth Plan has been proposed under the scheme.

**5. Training & Research :**

An amount of Rs. 8.85 lakh has been provided during the year 1991-92 for meeting the expenditure on continued schemes and further strengthening of the Ayurvedic College at Paprola. Against this provision, Rs. 30 lakh for the Annual Plan 1992-93 and Rs. 112 lakh for the Eighth Plan has been proposed under this scheme.

**3. Regional Ayurvedic Hospital, Paprola :**

During the Annual Plan 1991-92, Rs. 9.32 lakh has been provided for meeting the continued and minor works expenditure of IAH, Paprola. Against this provision, Rs. 10 lakh for the Annual Plan 1992-93 and Rs. 65 lakh for the Eighth Plan has been proposed.

**4. Research in ISM/Herbal Garden :**

An outlay of Rs. 2.78 lakh has been allocated during the year 1991-92 for meeting the expenditure on ISM/Herbal Garden at Jogindernagar. For the Annual Plan 1992-93, an outlay of Rs. 3.50 lakh and for the Eighth Plan Rs. 25 lakh has been proposed under this scheme.

**5. Panchkarma :**

An outlay of Rs. 3 lakh has been proposed for the Annual Plan 1992-93 against the approved outlay of Rs. 4.12 lakh for the year 1991-92 for meeting the continued expenditure of Panchkarma Unit. For the Eighth Plan an outlay of Rs. 20 lakh has been proposed for this purpose.

**9. Nature Cure Unit :**

During the year 1991-92, funds to the tune of Rs. 2.15 lakh has been provided for meeting the expenditure on nature cure unit at Del. Una. Against this provision ; Rs. 2.50 lakh for the Annual Plan 1992-93 and Rs. 15.50 lakh for the Eighth Plan has been proposed.

**10. Orientation Programme :**

A sum of Rs. 0.50 lakh for the Annual Plan 1992-93 and Rs. 5 lakh for the Eighth Plan has been proposed for meeting expenditure on orientation programme.

**11. The Tribal Sub-Plan :**

11 dispensaries and one hospital are running in the Tribal areas. A new Ayurvedic Hospital & Two Ayurvedic Rural Health Centres would be opened during the Eighth Plan period. A sum of Rs. 154 lakh has been proposed for the functioning of these institutions during the Eighth Five Year Plan, out of which Rs. 21.70 lakh would be spent in the year 1992-93. There are two offices of the District Ayurvedic Officers functioning at Keylong in Lahaul & Spiti and the other at Reckong-Peo in Kinnaur District. An amount of Rs. 9 lakh has been proposed for Eighth Plan on district staff of which Rs. 1.50 lakh would be spent in 1992-93.

**12. Backward Area Sub-Plan :**

22 dispensaries were opened in the backward area during the year 1989-90, while 12 dispensaries are continuing here which have also been reflected in the plan expenditure. It is proposed

to open 3 Ayurvedic Rural Health Centers during the Eighth Plan period out of which 1 ARHC will be opened during the year 1992-93. A sum of Rs. 252 lakh for the Eighth Plan and Rs. 39.80 lakh for the Annual Plan 1992-93 has been proposed under backward area sub-plan.

**13 Special Component Plan Scheduled Caste :**

22 dispensaries were opened during 1989-90 while 4 Ayurvedic Dispensaries were running prior to it. 2 Homeopathic Dispensaries were opened in the year 1988-89. It is proposed to open 10 Homeopathic and 2 Ayurvedic Rural Health Centres during the Eighth Plan period. Out of which 2 Homeopathic Rural Health Centres will be opened during the year 1992-93. A sum of Rs. 207 lakh has been proposed under Special Component Plan for the Eighth Plan out of which Rs. 30.50 lakh would be spent on these dispensaries during the Annual Plan 1992-93.

### 3. MEDICAL EDUCATION :

(Rs. in Lakh)

Seventh Plan actual expenditure (1985-90)	729.63
Annual Plan actual expenditure (1990-91)	313.35
Annual Plan approved outlay (1991-92)	250.00
Annual Plan anticipated exp. (1991-92)	250.00
Annual Plan proposed outlay (1992-93)	433.00
Eighth Plan proposed outlay (1992-97)	1893.00

The Indira Gandhi Medical College came into being in the year 1965-66 as a part of the development activities under the Third Five Year Plan with an intake capacity of 50 students per year. This was subsequently increased to 65 admissions annually. The three hospitals viz. Indira Gandhi Hospital, Kamla Nehru Hospital and Isolation Hospital stand attached with the College with a capacity of 532 beds. The college is affiliated to the Himachal Pradesh University and it stands recognised by the Medical Council of India. In the past years several items of modern equipments and machinery such as Ultra sonography/Radiotherapy, etc. have been introduced in the college thus making it one of the good institutions of the Country.

Since the Medical science is, however, making progress at such a tremendous speed that many new specialities and modern equipments in the faculty and super specialities need to be introduced. To make up, all these deficiencies at various levels of the Medical College, adequate financial provisions need to be made during the period of Eighth Five Year Plan (1992-97) so as to serve the patients smoothly and provide better medical aid and thus this institution could be brought at par with other similar Institutions of the Country.

The actual expenditure under this head during the Seventh Plan was of the order of Rs. 729.63 lakh. Against the actual expenditure of Rs. 313.35 lakh for the year 1990-91, an amount of Rs. 250 lakh has been provided during the year 1991-92 under this head of development for different schemes. Against this provision an outlay of Rs. 433 lakh for the Annual Plan 1992-93 and Rs. 1893 lakh has been proposed for the Eighth Plan period under this head for various schemes.

In order to upgrade the standard of Medical Education and treatment/diagnosis facilities to the patients and diseases in the adults and children, peculiar to the Pradesh due to poor economic conditions and malnutrition health service and specialised training for our young doctors and to avoid frequent referring of patients outside the State as also teaching career in the Medical College, the following schemes/programmes are proposed to be implemented during the Eighth Five Year Plan :

#### 1. AUGMENTATION OF CARDIC LABORATORY :

This item was proposed with iccu with a cardiac bed and monitoring facility in the Medical College Hospital and certain equipments like ultrasound and ECHO and Thread Mill and stren

to open 3 Ayurvedic Rural Health Centers during the Eighth Plan period out of which 1 ARHC will be opened during the year 1992-93. A sum of Rs. 252 lakh for the Eighth Plan and Rs. 39.80 lakh for the Annual Plan 1992-93 has been proposed under backward area sub-plan.

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#### 1. AUGMENTATION OF CARDIC LABORATORY :

This item was proposed with ICCU with a cardiac bed and monitoring facility in the Medical College Hospital and certain equipments like ultrasound and ECHO and Thread Mill and stren

test were purchased during the period of Seventh Plan. To strengthen the services and study of large number of cardiac cases in the State, it has been proposed to purchase more equipment viz. 2-D ECHO cardiographic system pace maker system and other essential items which are urgently required for careful investigation and treatment. In view of this adequate funds for additional staff and equipment are needed during the period of 8th Five Year Plan.

## **2. TRAUMA AND REHABILITATION UNIT**

To establish this unit, the matter is continuing from previous years and could not be implemented for want of space and other necessities. Therefore, keeping in view all level requirements, it has been proposed to start this unit during 8th Five Year Plan. This unit in the Hospital is required to deal with large number of cases of accidents including burn cases specially in the young age group. For this purpose, adequate funds for the required material and staff will be needed.

## **3. AUGMENTATION OF RADIOLOGY DEPARTMENT :**

To strengthen the services in the Radiology Department, it has been proposed to add more high potency X-Ray machine/image intensifier with closed circuit TV and whole body CAT etc. so as to render useful services to the people. Therefore, more and more funds/staff and equipments are required for the purpose.

## **4. NEUROLOGY UNIT :**

With a view to strengthen the services and to provide better and specialised services to the patients, it has been proposed to start this speciality in the Medical College during the Eighth Five Year Plan. By adding this speciality in the institution, it will avoid referring of cases outside the State and thus adequate funds for the purpose are needed.

## **5. UROLOGY UNIT :**

This is a continued scheme from the Seventh Five Year Plan and certain equipments like endoscope for Trans-urethra prostaticectomy were purchased but even then we have to provide more equipments and other amenities to strengthen the services to the patients and thus adequate funds will be needed.

## **6. NEURO SURGERY UNIT :**

The scheme is continuing since Seventh Five Year Plan and could not be fully developed for want of adequate funds and other facilities. Since Indira Gandhi Hospital building is likely to come up very shortly and thus it has been proposed to provide all the basic facilities during the period of Eighth Five Year Plan.

## **7. NEPHROLOGY UNIT :**

The existing facilities provided in the Unit like dialysis equipment is to be strengthened by providing modern dialysis unit

and equipments. Accordingly, more funds and trained staff will be needed which will strengthen our teaching programme for Post graduate students and also we will be in a position to render useful services to the suffering humanity.

#### **8. NEONATOLOGY UNIT :**

The scheme is continuing from Seventh Five Year Plan and certain achievements were made like appointment of Lecturer in Neonatology, but even then to strengthen the services, more staff and other essential amenities are to be provided so as to render useful services to the patients and to make a good programme for the teaching of students. Hence adequate funds, etc. will be needed for the fulfilment of the requisite facility.

#### **9. PAEDIATRIC SURGERY UNIT :**

There is an acute need to establish this type of speciality in our Medical College Hospital in order to safeguard the interest of ailing masses. Therefore, adequate funds and trained staff will be needed so as to start this speciality as per norms fixed by the Medical Council of India.

#### **10. AUGMENTATION OF BIOCHEMISTRY DEPARTMENT :**

To augment various types of facilities in the department, a scheme on this account was launched during the period of Seventh Five Year Plan and could not be achieved for want of funds. Therefore, to make up the deficiencies as well as to provide all investigation facilities to the suffering humanity at this State level Institution, it has been considered necessary to achieve this goal during the period of Eighth Five Year Plan for which adequate funds and staff are needed. This will help in discharging better medical care to the patients and thus avoiding referring of the cases outside the State. In view of this, necessary provision in this Plan has been made.

#### **11. TRAINING OF PARA -MEDICAL PERSONNEL :**

As per past experience even after the period of Seven Plans, we will still be requiring more and more trained para-medical staff in the coming years. Thus to make-up the deficiencies and shortage of trained staff in the peripheral Institutions of the Pradesh, we are required to train such personnel. A proper training will certainly improve their efficiency and many young persons, failing to seek admission in the Medical College after para-medical courses will alternately like to take career in the laboratory, etc. With a view, therefore, to improve these facilities further in our institutions, it has been proposed to start B.Sc. (Lab. Technology) course. This will certainly create incentive to the para-medical staff and improve working in the Institutions of the Pradesh. As a result of continuing this type of training, the same will help in providing employment opportunity to the unemployed candidates.

## 12. BED STRENGTH TO BE RAISED :

With a view to accommodate the ailing masses coming from the far flung areas of the Pradesh as well as being referred from our District/Referral Hospitals, it has been proposed to raise the bed strength of associated hospitals from 532 to 700 during the period of Eighth Plan. This item is continuing from the Seventh Five Year Plan and the goal could not be achieved for want of space. It is now hoped that the building of new I.G. Hospital will come-up shortly and thus will be able to accommodate new beds during the Eighth Plan. In order to make-up these deficiencies, necessary provision of adequate funds including staff, etc. will be needed. The bed strength will, however, be raised in a phased manner during the Eighth Five Year Plan period.

## 13. PURCHASE OF MACHINERY AND EQUIPMENTS :

Since the Medical Science is undergoing constant changes due to new inventions and thus to fulfil the requirements of various Departments/Units of the Medical College, adequate funds will be needed so as to make-up the deficiencies. In the past years of the plan period, we are getting meagre funds for the purchase of machinery and equipments and thus the demands could not be met out. Therefore, to meet out such requirements for the sophisticated machinery, sufficient funds are required so as to enable us to provide better treatment/teaching and research and patient diagnosis facilities in our hospitals. We propose to purchase such machinery for the development of following facilities for the smooth working and welfare of the patients :-

1. Cardiology/Gastroentology/Neurology/Nephrology/Respiratory Medicine/Endocrinology and Nuclear medicines ;
2. Establishment of full fledged Radio-Immunoasary unit
3. Provision for CI-Scan (Total Body, Mangnetic resnance imaging and PET facilities);
4. Establishment of fully developed respiratory Laboratory;
5. Enhocardiography with doppler facilities, provision for Nuclear Cardiology;
6. Expansion of gastroentology services to provide facilities for ERCP and other endoscopic procedure ;
7. Strengthening of Dialysis Unit under Nephrology unit ;
8. Establishment of fully endocrin Nologic Laboratory ;
9. Strengthening of ancillary services like Bio-chemistry, Pathology and Microbiology;
10. Providing upto dated Cobalt Unit Therapy other equipment for the smooth working of Radiotherapy and oncology Department in Indira Gandhi Medical College Hospital.

#### **14. AUGMENTATION OF MINOR WORKS :**

In this context, it is pointed out here that the various minor works of the Medical College and associated Hospitals including residential and non-residential buildings are being funded out of the Plan allocation and the funds being earmarked for the purpose are not sufficient for the execution of such works. In order, to cope with the quantum of this type of work, we have to provide proper funds for the execution of Minor works during the period of Eighth Five Year Plan period.

#### **15. ACCOMMODATION (CONSTRUCTION OF BUILDINGS ) :**

The programme is continuing from past plans. The Medical College and its associated Hospitals are in need of much more accommodation. In order to augment the accommodation problem of this developing Institution, the master plan for the purpose as earlier drawn up, has to be continued so as to enable us to meet the requisite requirements. In this connection, it is, however, submitted that the first phase of this Plan consisting of multi-storeyed building of the newly Indira Gandhi Hospital building in the existing complex has been started. The estimated cost of this 1st phase is Rs. 5,29,82,000/-. This work has been started in the year 1986-87 with a budget provision of Rs. 30 lakh and another Rs. 40 lakh during the year 1987-88 and Rs. 30 lakh in 1989-90 and Rs. 40 lakh during 1990-91.

It is felt that this much provision of funds is quite inadequate and with the present pace of work and escalating prices, it is feared even the first phase of the complex will take 7-8 more years for its completion which is not desirable. In addition to this, the residential accommodation for teaching, non teaching staff/accommodation for married Nursing P.G. students Hostel, etc., and Auditorium/Residential doctors Hostels are also required urgently. In addition to this other essential buildings are also required to be constructed immediately. Therefore, it hardly requires any emphasis to say that the provision of more accommodation for College and its associated Hospitals is the first requisite for Planning any improvement in the field of medical education and patient treatment. In order, to meet the problem of accommodation, sufficient funds are required so that the execution of buildings work could be started on its proper footing.

#### **16. PURCHASE OF NEW VEHICLES :**

In this context, it is stated that there is only one Mobile Truck attached to this Institution and has since covered the prescribed milage and usually remain off the road. This truck has to be used for bringing medical gases from outside the State and other related material to be transported during the Mobile Camps to be held in the far flung areas of the Pradesh. In addition to this, we intend to purchase two jeeps, one staff car to meet with the increased volume of work and also to strengthen the training programme of interns and other trainees and running emergency duties in the Hospitals. Therefore, necessary funds for the purpose are required. With the above investment, the

following physical targets will be achieved during the Eighth Five Year Plan.

**ADMISSION :**

65 students will be admitted in the M.B.B.S. course every year.

**TRAINING PROGRAMME :**

**a) Post Graduate Training :**

The post graduate degree and diploma courses in various specialities in different department of the College shall remain continued during Eighth Plan period.

**b) Para-Medical Personnel Training :**

To cater the need of various para medical Institutions of the Pradesh, it is proposed to impart training in Laboratory courses/Pharmacists/Radiographer and O.T.A. courses in the Medical College during the period.

**MOBILE HOSPITAL CAMPS :**

With a view to provide Medical aid to the rural and difficult areas and field training to the interns and to improve the quality of under-graduate students and trainee Nurses, the college is running 50 bedded Mobile Hospital. In view of this, it is proposed to organise various Mobile Hospital Camps in the far flung areas of the Pradesh.

**EYE RELIEF CAMPS :**

To provide better facilities to the poor persons, there is proposal to organise various such camps in the difficult and far flung areas of the State so as to strengthen the aims and objectives of the programme for the control of blindness.

**DETAIL OF THE PHYSICAL TARGETS TO BE ACHIEVED :**

Item	1992-93	1993-94	1994-95	1995-96	1996-97	Total
<b><u>Admission :</u></b>						
i) MBBS Courses (Student)	65	65	65	65	65	325
ii) PG Degree/ Diploma Courses	42	42	42	42	42	210
iii) Intern-ship Training	60	60	60	60	60	300
iv) House Job	50	50	50	50	50	250
v) Mobile Hospital Camp	2	2	2	2	2	10
vi) Eye Relief Camps	5	5	5	5	5	25

**vii) Bed Strength to be raised :**

The bed strength will be raised in a phased manner according to the space made available in the newly constructed building of I.G. Hospital, which is under construction and thus the same will be raised to 700 bedded Hospital.

**viii) Additional Staff :**

As far as the targets relating to the staff to be provided during the period, the same will be reviewed every year and the number of posts will be added according to the specialities and deficiencies being pointed out.

**ix) Assistance to M.B.B.S. Antyodaya Students :**

Assistance of Rs. 5000 per student is being provided to the students belonging to Antyodaya families for M.B.B.S. Courses. For this purpose, the suitable provision of funds have been made under respective head.

**XIII. WATER SUPPLY, HOUSING, URBAN DEVELOPMENT AND SANITATION ::**

**A) URBAN WATER SUPPLY :**

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	701.50
Annual Plan actual expenditure	(1990-91)	484.24
Annual Plan approved outlay	(1991-92)	900.00
Annual Plan anticipated exp.	(1991-92)	900.00
Annual Plan proposed outlay	(1992-93)	878.00
Eighth Plan proposed outlay	(1992-97)	6414.00

As per 1981 census there are forty six towns in the Pradesh which are classified as under :

Sr. No.	Name of the district	Classification of towns					TOTAL
		II	III	IV	V	VI	
1.	2.	3.	4.	5.	6.	7.	8.
1.	Chamba	--	--	1	--	3	4
2.	Kangra	--	--	1	3	4	8
3.	Hamirpur	--	--	--	1	2	3
4.	Una	--	--	--	1	4	5
5.	Mandi	--	1	1	1	1	4
6.	Bilaspur	--	--	--	1	2	3
7.	Kullu	--	--	1	--	2	3
8.	Shimla	1	--	--	--	5	6
9.	Solan	--	--	1	1	5	7
10.	Sirmaur	--	1	--	1	1	3
<b>TOTAL :</b>		<b>1</b>	<b>2</b>	<b>5</b>	<b>9</b>	<b>29</b>	<b>46</b>

It would be seen that there is no class-I town in the State. There is only one class II town i.e. Shimla which is the capital of the State, two towns are in category III and five in the category of IV and the rest numbering thirty eight are in category V and VI. The water supply systems of these towns are quite old. There is immediate and urgent need to carry out the rehabilitation, augmentation of these old schemes.

During the Seventh Five Year Plan, an outlay of Rs. 550 lakh was approved for urban water supply schemes for augmenting the existing schemes in the towns and for new schemes as well. Against this approved outlay, the actual expenditure incurred was of the order of Rs. 701.50 lakh. During the year 1990-91, an amount of Rs. 484.24 lakh was spent and against this, an outlay of Rs. 900 lakh has been approved under this head for the year 1991-92. For the Annual Plan (1992-93) an outlay of Rs. 878 lakh has been proposed out of Rs. 6414 lakh proposed for the entire Eighth Plan (1992-97). The scheme-wise break-up of these proposed outlays are as under :



(Rs. in Lakh)

Sr. No.	Scheme	Approved outlay (1991-92)	Proposed outlay	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1.	Direction & Administration	66.00	73.00,	465.00
2.	Maintenance & Repairs.	500.00	500.00	2500.00
3.	Replacement of HUDCO	112.00	105.00	449.00
4.	Works (Including IUDP)	222.00	200.00	3000.00
TOTAL :		900.00	878.00	6414.00

It is recognised that availability of water in adequate measure is essential in urban towns as a fore-runner of sewerage/sanitation facilities. On the physical plan, it is, therefore, proposed to complete 5 ongoing schemes of Mandi, Manali, Chamba, Hamirpur and Dharamsala. The three towns financed by HUDCO viz Solan, Nahan and Rampur are also proposed to be completed. Besides above, it is proposed to take-up augmentation/rehabilitation of 6 more town so that by March, 1997, there is availability of adequate water in all the 14 towns with a population of 1.31 lakh.

#### B) RURAL WATER SUPPLY :

(Rs. in Lakh)

Seventh Plan actual expenditure	(1985-90)	8085.54
Annual Plan actual expenditure	(1990-91)	3450.34
Annual Plan approved outlay	(1991-92)	3055.00
Annual Plan anticipated exp.	(1991-92)	3055.00
Annual Plan proposed outlay	(1992-93)	4265.00
Eighth Plan proposed outlay	(1992-97)	24036.00

#### SEVENTH FIVE YEAR PLAN (1985-90) & ANNUAL PLAN (1990-91 & 1991-92)

According to 1981 census there are 16,807 inhabited villages in the Pradesh. Out of which, 11,887 villages are problem villages and 4920 villages are Easy villages. Till 31st March, 1985, drinking water facilities were provided to 12,634 villages (8,348 problem and 4,286 Easy Villages). During the Seventh Five Year Plan (1985-90) 2,621 villages were covered (2,432 problem and 189 Easy villages). During the Annual Plan (1990-91), 350 villages were covered (310 problem and 40 Easy villages) and against this 354 villages (314 problem and 40 Easy villages) will be covered during the Annual Plan 1991-92. The details of these physical achievements are tabulated below :

Sr. No.	Item	Total villages covered	Problem villages covered	Easy villages covered
1.	2.	3.	4.	5.
1.	Total Inhabited Villages :	16807	11,887	4,920
1.	Villages covered at the end of Sixth Plan (1980-85) Cu-mulative.	12,634	8,348	4,286
2.	Villages covered at the end of Seventh Plan (1985-90)	2,621	2,432	189
3.	Villages covered at the end of Annual Plan (1990-91)	350	310	40
4.	Villages covered during the Annual Plan (1991-92) - Ant. Achievement.	354	314	40
5.	Villages likely to be covered by the end of 31st March, 1992.	15,959	11,404	4,555
6.	Villages Spillover to Annual Plan (1992-93)	848	483	365

The plan wise-share of investments in respect of rural water supply sector is indicated as under :

(Rs. in Lakh )

Sr.No.	Year	Investment on water supply
1.	First Plan 1951-56	20.97
2.	Second Plan 1956-61	68.64
3.	Third Plan 1961-66	114.62
4.	Three Annual Plans (1966-67 to 1968-69)	109.83
5.	Fourth Plan (1969-74)	499.90
6.	Fifth Plan (1974-78)	636.00
7.	Annual Plan (1978-79 & 79-80)	1280.00
8.	Sixth Plan (1980-85)	7087.39
9.	Seventh Plan (1985-90)	8085.54
10.	Annual Plan (1990-91)	3450.34
11.	Annual Plan (1991-92) Ant. Exp.	3055.00
TOTAL :		24408.65

#### ACCELERATED RURAL WATER SUPPLY PROGRAMME :

In order to supplement the efforts of the State Government in providing drinking water to the villages, Government of India provides hundred percent grant under Accelerated Rural Water Supply Programme. The grants received since the inception of planning era are as under :

(Rs. in lakh)

Sr.No.	Plan Period	Investment
1.	1977-80	1111.61
2.	1980-85	2547.30
3.	1985-86	717.16
4.	1986-87	817.35
5.	1987-88	1256.83
6.	1988-89	1046.41
7.	1989-90	652.81
8.	1990-91	642.21
9.	1991-92	642.00 (Ant)
TOTAL :		9433.68

Under this Centrally Sponsored Scheme, a grant of Rs. 642 lakh is expected during the Annual Plan 1991-92 with this investment, 140 Problem villages will be covered under Accelerated Rural Water Supply Programme during the year 1991-92. For the Eighth Plan (1992-97) and Annual Plan 1992-93 an outlay of Rs. 6860 lakh and Rs. 3700 lakh has been proposed under this programme to be transferred to State Plan. With this proposed outlay 483 villages (10,531 Habitation) in Eighth Plan and Annual Plan 1992-93 will be covered.

#### TECHNOLOGY MISSION :

The objective of the Technology Mission is to improve the performance and cost effectiveness of the ongoing programmes in the field of rural drinking water supply so as to ensure the availability of an adequate quantity of drinking water of acceptable quality and to ensure sustained availability of such water on a long term basis.

District Kangra in Himachal Pradesh has been selected as one of the 50 Mini-Mission district under Technology Mission in the country. The Project report amounting to Rs. 878.96 lakh stands approved for providing drinking water supply facilities to 228 problem villages, 10 other category villages and augmentation of 43 water supply schemes. The Government of India has so far released till March, 1991 Rs. 323 lakh for this work. As a result of this investment 94 problem villages have been provided safe drinking water facilities upto March, 1991.

#### EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93) :

During the Annual Plan 1991-92, an amount of Rs. 3055 lakh has been approved which will be utilised in full. Against this, an outlay of Rs. 4265 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 24036 lakh proposed for the entire Eighth Plan (1992-97). The schematic break-up of these proposed outlays are as under :

(Rs. in Lakh)

Sr. No.	Head of Exp./ Scheme	Approved Outlay (1991-92)	Proposed outlay	
			Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
<b>I. Rural Water Supply :</b>				
1.	Direction & Admn.	711	782	4793
2.	Training	2	2	11
3.	Machinery & Equipments	12.80	15	75
4.	Repair & Maintenance	500	550	3355
5.	Minor Works	50	58	290
6.	Testing Laboratory	2	3	16
7.	Suspense	1	1	5
8.	Provision of Taps.	493	550	3355
9.	Replacement/Renovation of Old Pumping System	20	23	300
10.	Remodelling/Re-juvenation of old W.S.S.	25	29	155
11.	Publicity	2.20	2	11
12.	Works	1236	2250	11670
<b>TOTAL :</b>		<b>3055</b>	<b>4265</b>	<b>24036</b>

**PHYSICAL TARGETS :**

The spill over villages to be covered during the Eighth Plan under safe drinking water is 848 villages in the Pradesh. Out of which 483 villages are problem villages and 365 villages are Easy villages. It is proposed to cover all the 483 remaining villages during the Annual Plan 1992-93 under State and Central Sectors as per details given below :

Year	Proposed Targets State Sector			Proposed Targets Central Sector			Total State and Central Sectors		
	Problem Villages	Easy Villages	Total Villages	Problem Villages	Easy Villages	Total Villages	Problem Villages	Easy Villages	Total Villages
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1992-93	--	365	365	483	--	483	483	365	848
<b>Total :</b>	<b>--</b>	<b>365</b>	<b>365</b>	<b>483</b>	<b>--</b>	<b>483</b>	<b>483</b>	<b>365</b>	<b>848</b>

**PARTIALLY COVERED VILLAGES :**

There are about 7169 partially covered villages in the Pradesh which have 15240 sub villages/hamlets without drinking water supply facilities. During Eighth Plan it is proposed to cover partially covered villages for which adequate provision has been made in the Eighth Plan.

2. SEWERAGE AND SANITATION :

A) SEWERAGE :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	114.47
Annual Plan actual expenditure	(1990-91)	40.03
Annual Plan approved outlay	(1991-92)	100.00
Annual Plan anticipated exp.	(1991-92)	100.00
Annual Plan proposed outlay	(1992-93)	75.00
Eighth Plan proposed outlay	(1992-97)	1350.00

As town in the Pradesh mostly serve as health resorts, environmental improvement assumes special significance particularly to avoid pollution in the rivers flowing down the hills. It is for this reason that sewerage programme occupies an important land-mark in the development activities. The low cost sanitation does suit to the Pradesh due to influx of large number of tourists, slow degestion of sewerage owing to cold climate, seepage from steep hill slopes and scarcity of land for septic tanks and soak-pits.

As a result of increasing emphasis on environmental improvement, the sewerage programme has come to occupy an important place in the present day circumstances. Under this head, sewerage facilities are proposed to be provided in all the 46 towns of the Pradesh.

The Seventh Five Year Plan outlay for this head of development was Rs. 200 lakh. The expenditure incurred during the Seventh Five Year Plan period was Rs. 114.47 lakh. During the year 1990-91 an expenditure of Rs. 40.03 lakh was incurred and against this, an amount of Rs. 100 lakh has been provided during the year 1991-92 which will be utilised in full under this head of development. For the year 1992-93, an outlay of Rs. 75 lakh has been proposed out of Rs. 1350 lakh proposed for the entire Eighth Plan (1992-97) under this head. The scheme-wise break-up of these proposed outlays are as under :

Scheme	Approved outlay (1991-92)	Proposed outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1. Direction & Administration	6.00	7.00	43.00
2. Maintenance & Repairs.	2.00	2.00	12.00
4. Works	92.00	66.00	1295.00
<b>TOTAL :</b>	<b>100.00</b>	<b>75.00</b>	<b>1350.00</b>

Much greater emphasis has been laid to this sector during the Eighth Plan and Annual Plan (1992-93) to avoid the environmental hazards. It is proposed to provide sewerage facilities to seven spilled over schemes. Thus the outlays proposed for the Eighth Plan period will be utilised on the implementation of non-going sewerage schemes of the towns.

**B) RURAL SANITATION :**

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	177.36
Annual Plan actual expenditure	(1990-91)	20.00
Annual Plan approved outlay	(1991-92)	25.00
Annual Plan anticipated exp.	(1991-92)	25.00
Annual Plan proposed outlay	(1992-93)	725.00
Eighth Plan proposed outlay	(1992-97)	5685.00

Most of the people in the rural areas of Himachal Pradesh have a tradition to have their call of nature in open places. But due to increasing population, extension of bastis and bringing the barren and vacant land into agriculture use, the open vacant places have become scarce. As a matter of fact to have call of nature in open places, causes various dangerous diseases and has some adverse effects on the health of rural people. Keeping in view the health of the rural people, women tradition and to avoid various epidemic diseases, good quality latrines is the need of the rural people.

Presently, latrines are constructed in the rural areas under Rural Sanitation programme and Central Rural Sanitation programme. This programme was started during 1985-86 and so far about 32,000 latrines have been constructed in the rural areas. It is revealed that 10% latrines constructed under this programme are in good condition and the successful use of these latrines varies from area to area. According to 1991 census there are 8,85,441 families in rural areas of the State. Out of these 8,85,441 families about 32000 families have been assisted already by Government and it is estimated that about 1,53,441 latrines are already constructed by the beneficiaries themselves. Besides, about 2 lakh families have been estimated using latrine jointly and will construct the latrines at their own in future. Thus the remaining 5 lakh families are still without the sanitary latrines and the State Government proposes to give a massive assistance to these families for the construction of latrines.

**SEVENTH PLAN (1985-90) AND ANNUAL PLAN 1990-91 AND 1991-92 :**

During the Seventh Five Year Plan (1985-90), 12,988 latrines were constructed in rural areas of the Pradesh. During the year 1990-91, 1575 latrines were constructed and against this, 10,000 latrines will be constructed in rural areas during the year 1991-92.

The actual expenditure incurred during the Seventh Five Year Plan (1985-90) under Rural Sanitation head for the construction of rural latrines was of the order of Rs. 177.36 lakh. During the year 1990-91, an actual expenditure of 20 lakh was incurred and against this, an amount of Rs. 25 lakh has been provided for the year 1991-92 which will be utilised in full.

**EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93) :**

It is proposed to construct 3,75,000 latrines during Eighth Plan and 50,000 latrines during 1992-93. So far an assistance of Rs. 1200/- was given to the beneficiaries for the construction of latrine. According to the new sanitation policy approved by the State Government; it has been decided to give Rs. 1200/- per latrine to General categories and Rs. 1500/- to the beneficiaries belonging to SC/ST, Antyodaya and IRD families. It is proposed to construct latrines where atleast 51% families are willing to construct the latrines and 40% latrines will be constructed for weaker sections.

During Eighth Plan it is proposed to spend Rs. 5685 lakh under this programme and Rs. 725 lakh during Annual Plan 1992-93.

**C) LOW COST SANITATION :**

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	92.47
Annual Plan actual expenditure	(1990-91)	15.00
Annual Plan approved outlay	(1991-92)	20.00
Annual Plan anticipated exp.	(1991-92)	20.00
Annual Plan proposed outlay	(1992-93)	12.00
Eighth Plan proposed outlay	(1992-97)	60.00

Under the Special Component Plan for Scheduled Castes, the Government of India have launched a scheme of conversion of Dry latrines into water borne latrines and thus liberation of scavengers from the de-meaning trade of carrying night soil on head. This scheme is in operation in the following 13 towns of the State :

1. Shimla
2. Nahan
3. Chamba
4. Mandi
5. Sundernagar
6. Dharamsala
7. Kullu
8. Paonta
9. Dalhausie
10. Rampur
11. Palampur
12. Dehra
13. Jawalamukhi.

**OBJECTIVE :**

The objective of the scheme is to totally eliminate manual scavenging by conversion of dry latrines into hand flush latrines. This would involve liberating scavengers from manual scavenging on the one hand and to improve the sanitation of the towns on the other. It was also intended to rehabilitate the scavengers in different jobs by imparting training and providing financial assistance through the Scheduled Caste Development Corporation.

**FINANCIAL PATTERN :**

The financial pattern of this Scheme initiated during 1983 to 1989 was 50% grant/subsidy by the Government of India and 50% loan by the State Government. But during the year, 1989-90, the Government of India has changed the financing pattern and the system has been dovetailed with "HUDCO" loan. The new financing pattern is as under :

Group	Subsidy	Loan	Beneficiary Contribution
EWS	45%	50%	5%
LIG	25%	60%	15%
HIG & MIG	--	75%	25%

The above scheme was circulated to all the Deputy Commissioners/Urban Local Bodies for implementation but no beneficiaries have given their option under this revised financing pattern because of the following difficulties :

- a) The subsidy portion is less than the previous schemes.
- b) The procedure for obtaining loan/subsidy through HUDCO is quite cumbersome and no beneficiary is prepared to take loan from HUDCO pattern.

**The other difficulties for implementation of this scheme are :**

- a) Due to Hilly areas; the rock soil, the cost of construction of pits is very difficult.
- b) Due to the increase in the prices and non-availability of built-up space in the old houses.
- c) In most of the cases the sewerage line is with the I&PH Department.
- d) People are un-willing to take loan but prefer subsidy.

In view of the position stated above, the Department propose that the Scheme should be implemented on 50% subsidy by the State and Centre Government and 50% beneficiary share or loan to be arranged by the concerned beneficiary with the assistance of local bodies, in the following manner :



Category	Subsidy		Beneficiary Share or Loan
	Centre	State	
EWS	45%	5%	50%
LIG	25%	25%	50%
MIG	As per Government of India pattern, the State		
HIG	Government will not give any subsidy/loan.		

**SEVENTH FIVE YEAR PLAN (1985-90) AND ANNUAL PLANS 1990-91 AND 1991-92—PHYSICAL TARGETS AND ACHIEVEMENTS :**

The scheme was sponsored by the Government of India during the year 1983-84. During the year 1983-84 and 1984-85 the total funds released to Municipal Corporation Shimla were Rs. 83,76,500/- out of which Rs. 55,84,500/- were as Central Share and Rs. 27,92,000/- were State Share, the target fixed was 7650 Units of Dry Latrines into hand-flush @ 1460/-per unit cost. An amount of Rs. 55,84,500/- being 50% Central Share, was given as subsidy by the Central Government. Out of remaining 50% State Share 25% share amounting to Rs. 27,92,000/- was released to Municipal Corporation Shimla as loan while the balance 25% was to be contributed by the beneficiaries. The loan portion amounting to Rs. 27,92,000/- released to the Corporation was subsequently converted into subsidy.

With the coverage of additional local bodies during the year 1985-86 and 1986-87, a further programme of at an estimated cost of Rs. 40 lakh was chalked out. The amount has been shared @ 50:50 by the Central and State Government. But in this case the 50% State Share has not been converted into subsidy as was done in case of Municipal Corporation Shimla.

As on 31st July, 1991, the total funds released under this scheme was Rs. 307.85 lakh out of which Rs. 167.89 lakh was the Central Share and Rs. 139.95 lakh was the State Share to the 13 Urban Local Bodies of the Pradesh namely Municipal Corporation Shimla, Nahan, Chamba, Mandi, Sundernagar, Dharamsala, Kullu, Paonta, Dalhousie, Rampur, Palampur, Dehra and Jawalamukhi. With the amount of Rs. 307.85 lakh total number of Dry Latrines to be converted into Hand flush is 25677 and number of Scavengers to be rehabilitated is 913; out of which Rs. 202.29 lakh has been spent by the Urban Local Bodies and 11179 Units has been converted into hand-flush latrines and 371 Scavengers have been rehabilitated upto 31.7.1991. Thus the total amount left by Urban Local Bodies upto 31.7.1991 is Rs. 105.55 lakh and 14,498 units are still to be converted into Hand-flush and 542 Scavengers are to be rehabilitated. The urban local bodies-wise position of conversion of Dry Latrines into Handflush as on 31st July, 1991 is depicted in the table give below :

**POSITION OF CONVERSION OF DRY LATRINES INTO HANDFLUSH SCHEME AS ON 31.7.91**

Sr. No.	Name of the ULB	Total Funds Released (Centre & State) (Rs. in lakh)	Total Funds Utilised (Rs. in lakh)	Balance (Rs. in lakh)	Total Units to be Covered	No. of Units Covered	Balance Units to be Covered	No. of Scavengers to be Rehabili-tated	No. of Scavengers Rehabili-tated	Balance
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
1.	M.C. Shimla	123.77	103.26	20.50	10,150	4886	5264	245	141	104
2.	M.C. Nahan	19.15	18.24	0.90	4,000	843	3157	25	12	13
3.	M.C. Chamba	46.71	26.58	20.13	3,200	1809	1391	40	24	16
4.	M.C. Kullu	20.83	9.03	11.80	1,427	755	672	146	78	68
5.	M.C. Mandi	16.00	5.09	10.91	1,506	686	820	150	63	87
6.	M.C. Sundernagar	12.20	7.79	4.41	780	482	298	20	15	5
7.	M.C. Dharamsala	8.87	5.32	3.56	814	186	628	125	15	110
8.	M.C. Paonta	14.00	3.99	10.01	900	183	717	25	--	25
9.	M.C. Dalhousie	10.40	1.46	8.94	650	96	554	80	--	80
10.	M.C. Rampur	14.40	6.89	7.51	900	342	558	20	2	18
11.	M.C. Palampur	8.00	6.89	1.11	505	361	144	15	14	1
12.	NAC Dehra	6.56	3.74	2.82	410	245	165	10	5	5
13.	NAC Jawalamukhi	6.96	4.01	2.95	435	305	130	12	2	10
Total :		307.85	202.29	105.55	25,677	11,179	14,498	913	371	542

**EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93) :**

There are about 15,000 beneficiaries in the 13 Urban Local Bodies where the scheme has been made operative, who are yet to be covered under this Scheme, for which an amount of approximately Rs. 30 lakh is required at the rate of Rs. 2,000/- per unit, which is likely to increase manifold. Similarly, the State Government proposes to extend this scheme in 13 more towns where also about 15,000 beneficiaries are likely to take benefit from this scheme. As such Rs. 30 lakh is required for the new beneficiaries to be benefitted in the 13 new towns during the Eighth Plan. Apart from this, 52 number of Scavengers will be rehabilitated during the Eighth Plan (1992-97) periods.

An outlay of Rs. 60 lakh has been proposed as a State Share under head Low Cost Sanitation for the Eighth Plan (1992-97) and out of this Rs. 12 lakh will be spent during the Annual Plan (1992-93).

### 3. HOUSING :

Housing is one of the basic necessities of mankind. The gap between the requirement in this sector and the availability is so large that efforts of various organisations, whether in public or private sector, have so far failed to make substantial headway to bridge it.

Providing houses to its employees to a reasonable satisfactory level is a primary concern of an employer. For State Government Employees, this onus lies on the State Government. The aims indicated by the Government of India in providing houses to employees suggest that the Government should endeavour to provide housing satisfaction to atleast 40% employees stationed at State Headquarters, 55% in the District towns and 70% in the remote areas. As against above, the overall present level of housing satisfaction of State Employees is merely about 7%.

For achieving the aims announced by Government of India, an outlay of about Rs. 750 crore would be required at the present day cost index level. This would involve adding about 34245 housing units of various categories to the existing strength.

In Himachal Pradesh, the programme of housing activities is being carried through Public Works, Rural Development and Housing Departments through the following schemes :

- a) Pooled Government Housing Schemes.
- b) Housing Department/ Housing Board.
- c) Rural Housing.

The schematic details are as under :

#### a) POOLED GOVERNMENT HOUSING :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	1805.02
Annual Plan actual expenditure	(1990-91)	276.89
Annual Plan approved outlay	(1991-92)	235.00
Annual Plan anticipated exp.	(1991-92)	235.00
Annual Plan proposed outlay	(1992-93)	617.00
Eighth Plan proposed outlay	(1992-97)	4320.00

#### 1. REVIEW OF ACHIEVEMENTS OF SEVENTH FIVE YEAR PLAN (1985-90) :

Originally an outlay of Rs. 500 lakh was approved for Housing (PW) in the Seventh Five Year Plan. Out of this outlay, a sum of Rs. 62.50 lakh was earmarked for tribal areas. The targets and achievements during the Seventh Five Year Plan are as under :

Sr. No.	Description	Unit	Seventh Plan Targets	Achievement by 3/90
1.	2.	3.	4.	5.
A)	Financial	Rs. in Lakh	500.00 (Revised 1570.36)	1805.02
B)	Physical	Nos.	410 (Revised 725)	478

Against revised target of 725 units, 478 units have been completed during the Seventh Five Year Plan, out of which 37 units have been completed in Tribal areas.

## 2. TARGETS AND ACHIEVEMENTS (1991-92) :

Physical	Unit	Target	Achievements
1.	2.	3.	4.
I. Financial	Rs. in lakh	294.90	276.89
II. Physical	Nos.	106	89

## 3. ANNUAL PLAN (1991-92) :

An outlay of Rs. 235 lakh has been earmarked under this head for the Annual Plan 1991-92. The Targets likely to be achieved during the year 1991-92 are give as under :

Sr. No.	Description	Unit	Ant.Achs. for Annual Plan 1991-92		
			Other than Tribal area	Tribal Area	Total
1.	2.	3.	4.	5.	6.
a)	<u>Financial Outlay</u>				
i)	Pooled Government Housing.	Rs. in Lakh	200.00	35.00	235.00
b)	<u>Physical Targets</u>				
i)	Pooled Government Housing.	Nos.	59	9	68

**4. SPILL OVER SCHEMES TO EIGHTH PLAN (1992-97) :**

350 housing units remained in progress at the end of March, 1992; completion of which spilled over to Eighth Plan period. A sum of Rs. 6.50 crore is required to complete these buildings.

**5. EIGHTH FIVE YEAR PLAN (1992-97) :**

Although demand for construction of houses (PW) is great, a sum of Rs. 43.20 crore has been earmarked for the Eighth Plan. Out of this proposed outlay Rs. 4.34 crore is earmarked for tribal areas. The details of the proposed outlay and targets are given as under :

Sr. No.	Description	Unit	Eighth Five Year Plan (1992-97)		
			Other than Tribal area	Tribal Area	Total
1.	2.	3.	4.	5.	6.
a) <u>Financial Outlay</u>					
	i) Pooled Government Housing.	Rs. in Lakh	3886	434	4320
b) <u>Physical Targets</u>					
	i) Pooled Government Housing.	Nos.	1370	130	1500

**6. ANNUAL PLAN (1992-93) :**

An outlay of Rs. 617 lakh has been proposed under this head for the Annual Plan 1992-93. The proposed targets for the Annual Plan 1992-93 are given as under :

Sr. No.	Description	Unit	Annual Plan 1992-93		
			Other than Tribal area	Tribal Area	Total
1.	2.	3.	4.	5.	6.
a) <u>Financial Outlay</u>					
	i) Pooled Government Housing.	Rs. in Lakh	555	62	617
b) <u>Physical Targets</u>					
	i) Pooled Government Housing.	Nos.	213	22	235

The details of residential units (including spill over units) proposed to be constructed during the Eighth Plan (1992-97) and Annual Plan (1992-93) is given as under :

Sr. No.	District Headquarter	Proposed Targets of Housing Units	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1.	Shimla	90	600
2.	Dharamsala	40	250
3.	Mandi	20	125
4.	Other District Headquarters	85	525
TOTAL :		235	1500

**b) HOUSING DEPARTMENT :**

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	571.36
Annual Plan actual expenditure	(1990-91)	170.29
Annual Plan approved outlay	(1991-92)	180.00
Annual Plan anticipated exp.	(1991-92)	180.00
Annual Plan proposed outlay	(1992-93)	200.00
Eighth Plan proposed outlay	(1992-97)	963.00

The State Government under this head provides housing loan/subsidy for the construction of houses and development of house sites under the following schemes :

**1. PROVISION OF HOUSE SITES TO LANDLESS :**

During the Seventh Five Year Plan an expenditure of Rs. 1.90 lakh has been incurred and achievement of 250 units has been made. No provision has been kept for the purpose during 1990-91. However, a provision of Rs. 1 lakh has been made for the year 1991-92 to achieve 200 Units. Under this scheme a subsidy of Rs. 300 in plain area and Rs. 500 in hard area are provided to the landless workers in the rural area. Now the scheme has been transferred to the Rural Development Department.

**SUBSIDY FOR THE DEVELOPMENT OF HOUSE SITES IN URBAN AREAS :**

Under this scheme a subsidy amount of Rs. 5,000/- is given to the beneficiaries for the development of sites in urban areas through the Deputy Commissioners. The year-wise financial and physical achievement under this scheme is as under :

Sr. No.	Year	Financial (Rs. in lakh)	Physical Target /Ach. (Nos)
1.	2.	3.	4.
1.	Seventh Plan (1985-90)	0.30	6
2.	Annual Plan (1990=91)	4.00	80
3.	Annual Plan (Ant. Ach.) (1991-92)	0.30	6
4.	Annual Plan (Proposed) (1992-93)	1.00	20
5.	Eighth Plan (Proposed) (1992-97)	14.00	280

### 3. SUBSIDY FOR THE REPLACEMENT OF WOODEN ROOFS IN TIN SHEETS :

In the 15-20 areas, Shimla and Kinnaur District a subsidy of Rs. 5,000/- is given to the beneficiaries for the replacement of wooden roof into tin sheets to save the costly wood. During the Seventh Five Year Plan and Annual Plan 1990=91 an expenditure of Rs. 7.45 lakh and Rs. 1.50 lakh has been incurred. An outlay of Rs. 0.50 lakh has been kept for the year 1991-92. For the Eighth Plan and Annual Plan (1992-93) an outlay of Rs. 6 lakh and Rs. 0.50 lakh has been proposed respectively.

### 4. INTEREST SUBSIDY ON BANKING LOAN FOR THE PURPOSE OF TIN SHEETS :

Under this scheme, the beneficiaries are give loan through the Nationalised Bank @ Rs. 5000/- per beneficiary. The Government gives cent. percent interest subsidy so that the persons in the 15-20 areas of Shimla and Kinnaur district will be attracted to replace their wooden roofs into tin sheets.

During the Seventh Five Year Plan and Annual Plan 1990-91 an expenditure of Rs. 1.70 lakh and Rs. 0.50 lakh has been incurred. An outlay of Rs. 0.50 lakh has been kept for the year 1991-92. An outlay of Rs. 2.00 lakh has been proposed for the Eighth Plan period out of which Rs. 0.50 lakh is for the year 1992-93.

### 5. IRRECOVERABLE LOAN WRITTEN-OFF :

The Department has kept small amount to write-off the loan given under LIGH/VHP and EWS to those persons who are either very poor or to those persons whose houses were constructed through the loan assistance, damaged by natural calamities. An outlay of Rs. 0.30 lakh has been spent during the Seventh Five Year Plan. An amount of Rs. 0.20 lakh is likely to be spent during the year 1991-92. For the Eighth Plan, an amount of Rs. 1 lakh has been proposed out of which Rs. 0.20 lakh is for the year 1992-93.

**6. REPAYMENT OF HUDCO LOAN UNDER RENTAL HOUSING SCHEME FOR GOVERNMENT /POLICE EMPLOYEES :**

The Department has to repay the principal and interest in respect of loan raised by the Government through the Himachal Pradesh Housing Board for the construction of pooled accommodation for Government /Police Employees in the State. The details of financial provision are given as under :

(Rs. in lakh)						
Sr. No.	Item	Actual Expenditure		Approved Outlay	Proposed Annual Plan	Outlay Eighth Plan
		Seventh Plan 1985-90	Annual Plan 1990-91	Annual Plan 1991-92	1992-93	1992-97
1.	2.	3.	4.	5.	6.	7.
1.	Govt. Employees	185.02	12.57	8.00	6.00	35.00
2.	Police Employees	--	9.00	6.00	3.80	35.00
<b>Total :</b>		<b>185.02</b>	<b>21.57</b>	<b>14.00</b>	<b>9.80</b>	<b>70.00</b>

**7. SHARE OF INVESTMENT/EXCESS EXPENDITURE INCURRED BY THE HOUSING BOARD IN EXISTING RENTAL HOUSING COLONIES :**

The Housing Department is the executing Agency for the construction of pooled accommodation in the State. The Cost of the building constructed by the Board increased due to enhancement in the cost of inputs i.e. building material etc. For the purpose an outlay of Rs. 10.39 lakh has been incurred during the year 1990-91 and Rs. 10 lakh has been kept for the year 1991-92. An amount of Rs. 45 lakh has been proposed for the Eighth Plan out of which Rs. 8 lakh is for the Annual Plan 1992-93 respectively.

**8. REPAYMENT OF HUDCO LOAN UNDER FLOOD RELIEF SCHEME FOR VARIOUS PLACES AND OTHER LIABILITIES :**

Recently, the heavy rains and the flood in the State had caused considerable damage to the life and property. In order to rehabilitate the flood sufferers, a loan of Rs. 244 lakh have been raised through the Housing Board to give an assistance to the sufferers. An amount of Rs. 18.54 lakh has been spent to repay the principle and interest during the year 1990-91 against which an outlay of Rs. 35 lakh has been kept for 1991-92. An outlay of Rs. 170 lakh has been proposed for the Eighth Plan out of which Rs. 30 lakh is for the Annual Plan 1992-93.



**9. GRANT OF LOAN TO ECONOMICALLY WEAKER SECTION IN URBAN AREAS :**

Under this scheme, a loan assistance of Rs. 6000/- is given to the beneficiaries for the construction of house on the developed plots. An amount of Rs. 22.98 lakh to achieve the target 380 units and Rs. 2 lakh to achieve the target of 30 units has been spent during the Seventh Five Year Plan and during Annual Plan 1990-91. During the Annual Plan 1991-92, an amount of Rs. 3 lakh has been approved which will be utilised in full. An outlay of Rs. 20 lakh has been proposed for Eighth Plan period out of which an outlay of Rs. 4 lakh is for the Annual Plan 1992-93.

**10. LOANS TO HOUSING BOARD :**

To boost the housing activities in the State during 1972 Housing Board was constituted and the Government is providing loan assistance for Housing Board. An outlay of Rs. 131.00 lakh and Rs. 60 lakh has been spent during Seventh Five Year Plan and Annual Plan (1990-91). During the Annual Plan 1991-92, Rs. 80 lakh has been approved for this purpose which will be utilised in full. A sum of Rs. 410 lakh has been proposed for Eighth Plan out of which an amount of Rs. 79.55 lakh proposed for the Annual Plan 1992-93.

**11. LOANS UNDER LIGH/MIGH :**

Under the low income group housing scheme a loan assistance @ 14,500 is given to the beneficiaries for the construction of house. The details of financial provision are given as under :

(Rs. in lakh)						
Sr. No.	Name of Scheme	Actual Expenditure		Approved Outlay	Proposed Annual Plan	Outlay Eighth Plan
		Seventh Plan 1985-90	Annual Plan 1990-91	Annual Plan 1991-92	1992-93	1992-97
1.	2.	3.	4.	5.	6.	7.
1.	L I G H	121.54	34.59	20.00	123.00	27.00
2.	M I G H	97.57	26.20	15.50	100.00	39.45
Total		219.11	60.79	35.50	223.00	66.45

Thus under head Housing Department, an expenditure of Rs. 571.36 lakh was incurred during the Seventh Five Year Plan (1985-90). The actual expenditure incurred during the year 1990-91 was of the order of Rs. 170.29 lakh and against this, an amount of Rs. 180 lakh has been approved for the Annual Plan 1991-92 which will be utilised in full. For the Annual Plan 1992-93 an outlay of Rs. 200 lakh has been proposed under this head out of Rs. 963 lakh proposed for the entire Eighth Plan (1992-97) periods.

c) **RURAL HOUSING :**

(Rs. in Lakh)

Seventh Plan actual expenditure	(1985-90)	77.48
Annual Plan actual expenditure	(1990-91)	10.00
Annual Plan approved outlay	(1991-92)	20.00
Annual Plan anticipated exp.	(1991-92)	20.00
Annual Plan proposed outlay	(1992-93)	35.00
Eighth Plan proposed outlay	(1992-97)	175.00

Rural Housing, known as Two Room Tenament scheme was launched in the State during 1984-85. Under this scheme Rs. 6000/- as subsidy is given to the houseless beneficiary for the construction of his house. The assistance is provided on the following basis :

- i) First priority to those houseless to whom house sites have been given by Revenue Department and identified by the Revenue Department.
- ii) In case (i) is not available in the district the second priority is given to those houseless persons which are identified by the Revenue Department, but house sites not provided as yet.
- iii) In case (i) and (ii) are not available in the district the last priority is given to those who are houseless and identified as IRDP families below poverty line will be given the assistance.

Since the inception of the scheme, about 1430 Two Room Tenaments have been constructed for various sections of the society upto 31st March, 1991. A target for the construction of 333 two room tenaments has been fixed for the year 1991-92 which will be achieved in full. Under this scheme houses are constructed to all categories including SC/ST since the houses for SC/ST families are constructed exclusively under Indira Awas Yojana and an assistance of Rs. 14,500/- is given to the beneficiary, it is therefore, proposed to construct the houses under this scheme for Non SC/ST/ Antyodaya families, during the Eighth Plan. It has been proposed to raise the amount of assistance from Rs. 6000/- to Rs. 10,000/- as the existing unit cost was fixed keeping in view the prices of the materials and wages prevailing during the introduction of the scheme. It is proposed to construct 1750 two room tenaments houses during the Eighth Plan out of which 350 houses will be constructed respectively.

Under Rural Housing head, an expenditure of Rs. 77.48 lakh was incurred during the Seventh Five Year Plan (1985-90). The actual expenditure incurred during the Year 1990-91 was of the order of Rs. 10 lakh and against this, an amount of Rs. 20 lakh has been approved for the Annual Plan 1991-92 which will be utilised in full. For the Annual Plan 1992-93, an outlay of Rs. 35 lakh has been proposed out of the total outlay of Rs. 175 lakh proposed for the entire Eighth Plan (1992-97).

#### 4. URBAN DEVELOPMENT :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	242.80
Annual Plan actual expenditure	(1990-91)	59.40
Annual Plan approved outlay	(1991-92)	77.00
Annual Plan anticipated exp.	(1991-92)	77.00
Annual Plan proposed outlay	(1992-93)	95.00
Eighth Plan proposed outlay	(1992-97)	570.00

There are 46 small and medium towns in Himachal Pradesh. In order to check/control large scale haphazard growth coming in the towns; H.P. Town & Country Planning Act, 1977 has been extended to 21 towns and 3 development areas such as Barotiwala, Chamba, Dalhousie, Dharamsala, Hamirpur, Kullu, Mehatpur, Manali, Mandi, Nahan, Nalagarh, Palampur, Paonta Sahib, Parwanoo, Rampur Bushahar, Reckong Peo, Rohroo, Sarahan, Shimla, Theog, Una, Aleo-Bambi Nallah area along left bank road in Kullu Valley, Solang Kothi area in Kullu Valley & Sunisa-Bajaura Area along National Highway 21 in Kullu Valley. Now Aleo-Bambi Nallah and Sunisa-Bajaura area in Kullu Valley have been merged together and named as "Ujhi Planning Area". Special Area of Reckong Peo, Kaza, Keylong, Pangi and Bharmour has been constituted and Special Area Development Authorities for these Special Areas have already been notified by the Government under H.P. Town & Country Planning Act, 1977.

The proposal for the extension of H.P. Town & Country Planning Act, 1977 to Bilaspur, Ghumarwin, Jawalaji, Kangra, Solan, Sunder Nagar & Sujampur Tihra towns is under consideration with the Government. Interim Development Plan for the Shimla Planning Area has been notified since February, 1979 and Development Plans for Barotiwala, Chamba, Dharamsala, Hamirpur, Kullu, Manali, Mandi, Nahan, Nalagarh, Parwanoo & Rampur Bushahar towns are in the process of finalisation. The Development plan for Reckong Peo town has been transferred on revenue map and submitted to the Government of Himachal Pradesh.

The existing landuse documents for Rohroo, Solang-Kothi and Una towns have been prepared and Development Plans for these towns is under process.

#### (b) HERITAGE-CUM-CONSERVATION ZONES :

It has been observed that there are certain areas/buildings in Shimla, Chamba and Nahan which are of historical importance, besides, they are representatives of hill architecture unique to these places only. The buildings in these areas have distinctive architectural design, facade, elevation etc. which enable these buildings to get merged with the landscape on the surrounding hills. All these distinctive features of the towns/buildings are required to be maintained for posterity. Moreover, the new developments around these buildings have to be regulated in such a way that new developments continue to remain congruent in appearance with their old neighbours. For this purpose Heritage-

cum-conservation zones have been identified in 13 towns such as Chamba, Dalhousie, Sujanpur Tihra, Kangra, Dharamsala, Palampur, Kullu, Manali, Kalpa, Mandi, Shimla, Kasauli & Nahan. Where-ever development plans for the towns in the State are under formulation, it is being ensured that buildings and areas of historical importance is suitably preserved.

Under head Town and Country Planning, the actual expenditure incurred during the Seventh Plan (1985-90) was of the order of Rs. 242.80 lakh. During the year 1990-91, an expenditure of Rs. 59.40 lakh was incurred and against this an amount of Rs. 77 lakh has been approved for the Annual Plan 1991-92 under this head which will be utilised in full. For the Annual Plan 1992-93, an outlay of Rs. 95 lakh has been proposed out of Rs. 570 lakh proposed for the entire Eighth Plan (1992-97).

**(b) ENVIRONMENTAL IMPROVEMENT OF URBAN SLUMS :**

	(Rs. in Lakh)
Seventh Plan actual expenditure (1985-90)	102.00
Annual Plan actual expenditure (1990-91)	40.00
Annual Plan approved outlay (1991-92)	48.00
Annual Plan anticipated exp. (1991-92)	48.00
Annual Plan proposed outlay (1992-93)	63.00
Eighth Plan proposed outlay (1992-97)	315.00

In Himachal Pradesh there are 46 small and medium towns. Himachal Pradesh is a poor State and therefore, the economic condition of Urban population is also quite poor and thus almost 50 percent urban population is living in conditions of slums where environment improvement of Urban slums is very urgently required. There are 1,01,943 slum dwellers which have been identified upto March, 1990, out of which 79,936 slum dwellers have been benefitted upto March, 1991. During the year 1991-92, 9,145 additional slum dwellers will be benefitted under this scheme. Moreover, during the recent years, towns have grown at a faster rate and most of the new developments are coming-up in sub-urban areas outside municipal limits but very much within planning areas constituted under the H.P. Town & Country Planning Act, 1977. Although we have embarked upon environmental improvement of slums within municipal limits yet nothing is being done, through this Department/any other agency for improving environment of slums emerging in a big way in sub urban areas within planning areas. Urbanisable planning areas are far more bigger than existing municipal limits of our towns and there is no agency to look after them. Thus these sub-urban areas lack basic amenities such as water supply, sewerage, drainage, paved streets, street lighting, community baths/latrines etc. As per rough estimates, more than one lakh population reside in slum localities of these sub-urban areas in various towns of the State.

It is proposed to benefit 60,000 slum dwellers under the scheme during the Eighth Plan (1992-97) and out of this, 12,000 slum dwellers will be benefitted during the Annual Plan (1992-93).

During the Seventh Plan (1985-90), an expenditure of Rs. 102 lakh was incurred under this head. The actual expenditure incurred during the year 1990-91 was of the order of Rs. 40 lakh and against this, an amount of Rs. 48 lakh has been approved for the Annual Plan (1991-92) which will be utilised in full. For the Annual Plan 1992-93, an outlay of Rs. 63 lakh has been proposed out of the total provision of Rs. 315 lakh proposed for the Eighth Plan (1992-97).

**(c) GRANT-IN-AID TO LOCAL BODIES AND DIRECTORATE OF URBAN LOCAL BODIES :**

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	376.37
Annual Plan actual expenditure	(1990-91)	70.29
Annual Plan approved outlay	(1991-92)	107.00
Annual Plan anticipated exp.	(1991-92)	107.00
Annual Plan proposed outlay	(1992-93)	185.00
Eighth Plan proposed outlay	(1992-97)	1088.00

The State Government provides grants-in-aid to urban local bodies through the State Directorate of Urban Local Bodies for implementation of works connected with providing the civic amenities to public, keeping in view the need and nature of work to be undertaken by urban local bodies.

During the Seventh Plan (1985-90) an expenditure of Rs. 376.37 lakh was incurred under this head for the implementation of various schemes. The actual expenditure incurred during the year 1990-91 under this head was Rs. 70.29 lakh and against this, an amount of Rs. 107 lakh has been approved which will be utilised in full. For the Annual Plan 1992-93, an outlay of Rs. 185 lakh has been proposed out of Rs. 1088 lakh proposed for the entire Eighth Plan (1992-97).

(Rs. in Lakh)				
Name of the Scheme	1991-92		Proposed Outlay	
	Approved Outlay	Anticipated Expenditure	Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.	5.
<b>1. State Schemes :</b>				
1. Direction & Admn.	12.00	12.00	15.00	105.00
2. Urban Development	33.00	33.00	39.00	248.00
3. Water Supply	15.00	15.00	16.00	100.00
4. Roads and Bridges	12.00	12.00	15.00	100.00
5. Nehru Rozgar Yojana	25.00	25.00	28.00	190.00
6. Urban Basic Service	10.00	10.00	12.00	65.00
7. Antyodaya Programme	--	20.00	20.00	100.00
8. Integrated Dev. of small and medium Towns	--	--	40.00	180.00
<b>Total :</b>	<b>107.00</b>	<b>127.00</b>	<b>185.00</b>	<b>1088.00</b>

The software to be purchased includes video cassettes to fuel video display units/video parlours and Doordarshan Kendras. With the passage of time new machinery will have to be added to modernise the ENG Unit and one Van carrier would be required for the mobility of ENG Unit.

An amount of Rs. 2 lakh has been provided for the Annual Plan 1991-92 under this scheme which is likely to be spent in full. For the Annual Plan 1992-93 and Eighth Five Year Plan an outlay of Rs. 5 lakh and Rs. 30 lakh has been proposed respectively under this scheme.

## **2. Direction and Administration :**

### **(Strengthening of Plan Publicity)**

Under the scheme, the department has a Seventh Plan Spill over committed liabilities of Rs. 14.50 lakh per year. To strengthen the various branches/sections at the Directorate level as to cope with the District and Sub-Divisional levels and other offices of the Department, 12 posts of Chowkidars has been proposed for the Eighth plan. At present 13 Assistant Public Relation Officers are functioning at the Sub-Division level. Strengthening of Plan publicity at various levels i.e. cost of establishment and cost of setting-up the office of APRO's and Hot and Cold-weather changes, an amount of Rs. 20 lakh has been kept for the year 1991-92. For the Annual Plan 1992-93 and Eighth Plan an outlay of Rs. 20 lakh and Rs. 100 lakh has been proposed under the scheme.

## **3. Video Display (Mobile Cinema Scheme) :**

Himachal Pradesh has made commendable achievements under the 20-Point Economic Programme which aims at granting socio-economic freedom to down-trodden and weaker sections of society. The need for giving due publicity to this programme as also to Antyodaya Programme launched recently and the achievements made thereunder in the Pradesh can not be over-emphasised. Intensive publicity of the Programmes would go a long way in making this programme popular with the people and enlist their active co-operation in its successful implementation.

Considering the terrain and other conditions in the Pradesh, video is the most accepted and popular audiovisual medium which has been found more effective in boosting, publicity efforts. At present there are only 72 display units (video) with the Public Relations Department located in various districts of the Pradesh, but these are greatly inadequate to educate the people on the programmes and policies of the Government and to launch special publicity campaigns as and when deemed necessary.

To achieve this aim, the department has set-up video display units one each at every block headquarters. At present 72 display (Video) Units are functioning at block and District headquarters of the State. These needs regular maintenance repair and replacement for which a provision of Rs. 3.74 lakh has

been kept for the Annual Plan 1991-92. For the Annual Plan 1992-93 and Eighth Plan Rs. 4 lakh and Rs. 30 lakh has been proposed under the scheme.

**4. Advertising and Visual Publicity :  
(Press Advertisement)**

The Public Relation Department is working as a centralised agency for releasing advertisements on behalf of all the departments of the State Government. The number of tenders etc. is increasing every year with the increase in the developmental activities of the Government. On the other hand the rates of every news-paper are subject to increase every year, resulting increased expenditure on the advertisements.

The spill over expenditure under this scheme works out to Rs. 0.30 lakh per annum which inter alia counts for Rs. 1.50 lakh under the Eighth Plan period. For the Annual Plan 1991-92, an outlay of Rs. 8.66 lakh has been kept. An outlay of Rs. 50 lakh for the Eighth Plan and Rs. 10 lakh for Annual Plan 1992-93 has been proposed for this purpose.

**5. Press Information Bank Scheme :**

Under this scheme the following three activities are to be undertaken :

1. Release of press notes/ feature.
2. Preparation of press Clippings.
3. Facilities to the press men.

These activities will take note of providing facilities for Hindi Translators of press notes, keeping proper record of press clippings for using as and when required by the Government and to provide facilities to press representatives in the districts. For this scheme an amount of Rs. 1.55 lakh has been kept for 1991-92 which will be utilised in full. An outlay of Rs. 31 lakh has been proposed for Eighth Plan of which Rs. 6 lakh has been proposed for the Annual Plan 1992-93.

**6. Exhibition Scheme :**

Exhibition has become an important and effective instrument of publicity about developmental activities especially amongst the rural and illiterate people. A small exhibition unit has been created in the Directorate. A exhibition unit on similar lines is proposed to be set-up in the Zonal office at Dharamsala.

In order to strengthen the exhibition unit which is another powerful media of publicity which organises exhibitions in the fairs, festivals and other far flung areas of the Pradesh, a provision of Rs. 2.50 lakh has been kept for the year 1991-92. Against this provision, an outlay of Rs. 3 lakh for the Annual Plan 1992-93 and Rs. 15 lakh for the Eighth Plan has been proposed under this scheme.

## **7. Publication Scheme :**

On certain occasion the department has to resort to out side printing of the publicity literature whenever a literature of special type and get up is required to be prepared, For this purpose a provision of Rs. 4.43 lakh has been provided during the Annual Plan 1991-92. Against this, an outlay of Rs. 4 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 15 lakh proposed for the Eighth Plan.

## **8. Television Scheme :**

Television has emerged as the most powerful modern medium for dissemination of information. The Government of India has also accorded high priority for laying a net work of television transmitters to ensure reception of television programmes even in the remotest corner of the country.

Himachal Pradesh is inter spread with vallies and high hills and there are shadow area where television reception is not available. To cover such remote and land locked areas, it is proposed to provide 90 district reception sets during the Eighth Plan for ensuring television reception in such areas. Apart from this; there are many backward and remote villages. In such villages it is proposed to provide television sets at Government expenses and for this purpose 100 television sets are proposed to be provided during the Eighth Plan periods.

Further to ensure effective field publicity a new method of dissemination of information through video Rath is proposed to be adopted. The video Rath will be deployed from District to exhibit news reels/documentary films, feature films, shows on developmental activities and other themes of national importance. These will also contain CCRT units to involve the audiance by showing the live coverage. It is proposed to provide such one video Rath during the Eighth Plan. The video Rath will be manned by one technician and one Driver.

For the purpose an outlay of Rs. 20.15 lakh has been kept for the year 1991-92. For the Annual Plan 1992-93 an outlay of Rs. 20 lakh and Rs. 155 lakh has been proposed for the Eighth Plan.

## **9. Publicity Scheme :**

Plan publicity is proposed to be made more effective by putting-up hoardings, display sign boards in the buses, wall writing, TV and Radio Advertisements and Publication of pamphlets and posters etc. and engagement of casual artists for Drama Units.

An outlay of Rs. 2.50 lakh has been kept for the year 1991-92. For the Annual Plan 1992-93 an outlay of Rs. 3 lakh and Rs. 15 lakh has been proposed for the Eighth Plan under this scheme.



#### **10. Tribal Area Sub-Plan :**

Due to its difficult terrain Himachal Pradesh as a whole poses a peculiar problems in the field of public relations work. But the distant tribal areas which include Kinnaur, Lahaul and Spiti and Pangi and Bharmour remain inaccessible for over five months a year because of their being snow bound and far flung from the rest of the World beside it constitute the border belt alongwith the Tibetan Regions and the north eastern side of the State, poses still more challenging test for public relations work as well as in establishing the man to man contact. The population in these areas is interspersed in the difficult low locked pockets. With a view to undertake both intensive as well as extensive publicity in these sensitive areas, it is intended to duly make use of the traditional and modern media of publicity by way of taking up different publicity programmes in these areas which inter-alia includes :

1. Community Viewing Television Scheme.
2. Video Display Unit.
3. Song and Drama Scheme.
4. Publicity Programme.

It is proposed to provide more District Reception sets in the far off and inaccessible areas where television reception is not available. Accordingly 50 television sets, 50 Direct Reception sets are proposed to be procured for the far off areas.

Besides this, a provision has been made for the construction of office building at Reckong Peo. For this purpose, an outlay of Rs. 15 lakh has been kept for the year 1991-92. For the Annual Plan 1992-93 an outlay of Rs. 17 lakh and Rs. 60 lakh for the Eighth Plan has been proposed under this scheme.

#### **11. Construction of Buildings :**

Ever since the department came into being the office buildings have not been constructed any where except at Bilaspur. A start has been made during the Seventh Plan period by starting building works at Nahan, Dharamsala and Hamirpur. Provision had also been made for office buildings at Solan, Mandi and Una.

To complete works on-going buildings as also to start work at new sites an outlay of Rs. 61 lakh has been proposed for the Eighth Plan and Rs. 18 lakh for the Annual Plan 1992-93. Against this provision, an amount of Rs. 24.47 lakh has been provided during the year 1991-92 for the construction of buildings.

#### **NEW SCHEMES**

##### **1. Refresher & Training Camps for Field Staff :**

Refresher Courses and special training camps are proposed to be organised for updating the technical knowledge of staff posted in technical wing of the department. Besides this, training courses would also be organised to provide knowledge on modern technology on latest techniques/know how of stage conduction and

instant issue of press coverage to TV, AIR and Newspapers to the field staff. Such refresher and training courses would bring about professional perfection thus providing great help in improving their efficiency.

To equip this unit with software and new machinery required with the advancement in technology, an outlay of Rs. 1 lakh for 1992-93 and Rs. 5 lakh for Eighth Plan has been proposed under the Scheme.

## **2. Research and Reference Wing :**

Research and reference wing is proposed to be set-up at a suitable place and on the required pattern so as to mark this wing more useful for the department.

To meet the financial requirement of this scheme an outlay of Rs. 2 lakh for the Annual Plan 1992-93 and Rs. 6 lakh has been proposed for the Eighth Plan respectively.

## **3. Introduction of Modern Information Techniques :**

The department has to collect news from every District and transmit the same at the earliest to news papers, news agencies, Radio and television. But at present, there is no net work unit connecting the District Headquarters with the State Headquarters with three offices at Delhi, Chandigarh and Jalandhar.

For the purpose, the department need installation of latest modern equipment known as "Master Unit Electronic Typewriters" which can be coupled with the local telephone exchange and can transmit and receive message by STD facility. Similarly 13 News sending units enabling the "Master Unit" to receive the typed messages are required one each for District Headquarters and at Kaza. There would be requirement of allied accessories and software material etc.

Besides the Deptt. have to pay the STD charges to the P&T Deptt. which would come to Rs. 30 lakh during the Eighth Plan in view of heavy pressure of STD linkage from Distt. to State Headquarters. For effective and perfect operation of the Unit, 17 posts of special trained Electronic Communication system operators are required.

An outlay of Rs. 9 lakh for the Annual Plan 1992-93 and Rs. 100 lakh for the Eighth Plan has been proposed under this scheme.

**IV. WELFARE OF SCHEDULED CASTES/SCHEDULED TRIBES/OTHER BACKWARD CLASSES.**

	(Rs. in Lakh)
Seventh Plan Actual expenditure (1985-90)	561.37
Annual Plan Actual expenditure (1990-91)	133.92
Annual Plan approved outlay (1991-92)	219.00
Annual Plan anticipated exp. (1991-92)	219.00
Annual Plan proposed outlay (1992-93)	257.00
Eighth Plan proposed outlay (1992-97)	1656.00

There are important sections of society which suffer from inherent and imposed disadvantages. Indian society is full of such groups and highly exploited sections like bonded labourers, Scheduled Castes, Scheduled Tribes and Dalits. Each of these calls for positive interventions. A large proportion of these section are still landless. Whatever little land they have is mostly unirrigated and poorly developed. The owners are compelled as a result to resort to whole-time or part-time agricultural wage labour. Other Scheduled Caste families are engaged in artisanal and other self employed work, such as flaying, tanning, weaving, fishing and quarrying. A sizeable section of the Scheduled Castes has been traditionally engaged in keeping the environment of towns and cities clean. For the upliftment of these sections of society the on-going developmental programme will be continued.

In Himachal Pradesh according to 1981 census; out of the total population of 42.81 lakh there are 18.54 lakh SC and 1.97 lakh ST which constitute 24.62% and 4.61% respectively of the total population. The Welfare department in the State is mainly engaged in the socio-economic upliftment of these castes and also Backward Classes declared by the State Government purely on the economic criterion. In the State, the Government of India have declared 56 castes as Scheduled Castes and 8 Tribes as Scheduled Tribes. Similarly, 50 castes have been declared "Other Backward Classes" on income criterion.

In addition to the above criterion, the department is also looking after the welfare of women, children, handicapped, aged and other neglected sections of the society. The main thrust of the departmental programmes is to improve the social and economic conditions of these categories so as to bring them into the mainstream of the society. The programme of the department have been categorised in the following developmental heads:-

1. Backward classes Sector, which includes scheduled castes/scheduled tribes and other backward classes.
2. Social Welfare Sector, which includes women, children, aged and infirms etc.
3. Supplementary Nutrition Programme, meant for the vulnerable groups amongst the pregnant and nursing women and children below 6 years of age.

The details of the various schemes/programmes covered under this head of development have been given in the following paragraphs:

**1. DIRECTION AND ADMINISTRATION :**

The schemes envisaged expenditure on the continuing staff as also creation of new posts for the Directorate as well as for the field to cope with the increased work load under various programmes. It is also proposed to replace the two vehicles of the Directorate and also to provide vehicles to the field officers in a phased manner. During the year 1991-92 an outlay of Rs. 18 lakh has been approved under the scheme which will be utilised in full. For the Annual Plan 1992-93, an outlay of Rs. 22.65 lakh and for the Eighth Plan an outlay of Rs. 100.00 lakh has been proposed under this scheme.

**2. CONSTRUCTION OF OFFICE BUILDING :**

The department of Social Women Welfare does not have its own building for the Directorate with the result that huge amount is being defrayed every year in rent for the Directorate buildings. The rented building is also otherwise not suitable for the office and the buildings suited to the requirements is not available on rental basis. Therefore, the land for the construction of building has already been purchased and process to construct the departmental building is underway. The approved outlay under the scheme for the Annual Plan (1991-92) is Rs. 11 lakh and against this, an outlay of Rs. 12 lakh has been proposed for the Annual Plan 1992-93. For the Eighth Plan, an outlay of Rs. 71 lakh has been proposed under the scheme.

**1. WELFARE OF SCHEDULED CASTES**

**1. Economic Betterment for Scheduled Castes :**

The trainees undergoing vocational training in the ITIs etc. and also the trained artisans of all these castes in the villages are provided tools and equipments costing upto Rs. 500/- per beneficiary to enable them to earn their livelihood. This assistance encourages the beneficiary to adopt the trades in which they obtain training. Further loans are made available by the Scheduled Castes and Scheduled Tribes Development Corporation on easy terms. Against the approved outlay of Rs. 4.20 lakh for the Annual Plan 1991-92, an outlay of Rs. 5 lakh has been proposed for the Annual Plan 1992-93 and Rs. 36 lakh for the Eighth Plan under the scheme.

**2. Award for Inter Caste Marriages :**

It is a continuing scheme under which incentives are provided to such couples who contract inter caste marriages so as to remove concept of un-touchability from the society. Under the scheme, if the girl belongs to Swarn Caste, a cash award of Rs. 6000/- is given and where the boy belongs to Swarn Caste the amount of award is Rs. 5,000/-. The scheme has proved quite beneficial and has taken off well. During the Annual Plan 1991-92

an outlay of Rs. 3.30 lakh has been provided for this purpose which will be utilised in full. For the Annual Plan 1992-93 an outlay of Rs. 4 lakh and for the Eighth Plan 1992-97, Rs. 35 lakh has been proposed under this scheme.

### **3. Improvement/Environment of Harijan Basties :**

The villages having concentration of Scheduled Castes or their Basties often lack proper environment/drainage and paths, etc. These are the basic amenities and have to be provided to these sections otherwise their habitants will develop into slums, therefore, under this programme it is proposed to improve the environment and upgradation of other facilities by way of providing pucca lanes and proper drainages, and other allied facilities. The approved outlay under the scheme for the Annual Plan 1991-92 is Rs. 8.20 lakh. Accordingly a provision of Rs. 9.50 lakh for the Annual Plan 1992-93 and Rs. 70 lakh for Eighth Plan 1992-97 has been proposed.

### **4. Matching Grant for Centrally Sponsored Schemes :**

There are four centrally sponsored schemes for the welfare of scheduled castes as detailed below :

1. Book Bank
2. PCR Act.
3. Girls Hostels.
4. Scholarship to the Children of those who are engaged in unclean occupation.

These schemes are financed by the State and Central Government on 50:50 sharing basis. An outlay of Rs. 7.25 lakh has been approved for the year 1991-92 which will be utilised in full under these schemes. For all the four schemes an outlay of Rs. 8.40 lakh and Rs. 55.00 lakh as State share has been proposed for the Annual Plan 1992-93 and Eighth Plan respectively.

### **5. Pre-examination coaching centres :**

A pre-examination coaching centre is being run for the Scheduled Castes and Scheduled Tribes candidates in Himachal Pradesh through Himachal Pradesh Institute of Public Administration. This is also a Centrally Sponsored Programme for which an outlay of Rs. 5.34 lakh has been approved under the Scheme for 1991-92 which will be utilised in full. An outlay of Rs. 7.17 lakh and Rs. 36 lakh has been proposed for the Annual Plan 1992-93 and Eighth Plan.

### **6. Electrification of Houses of Scheduled Castes and Scheduled Tribes :**

Free single point electrification facilities are being provided to the homesteads of Scheduled Castes and Scheduled Tribes in the Pradesh through Himachal Pradesh State Electricity Board. For this purpose, an outlay of Rs. 4.00 lakh has been approved for 1991-92 which will be utilised in full. A provision of Rs. 4.50 lakh and Rs. 31.00 lakh has been proposed for the Annual Plan 1992-93 and Eighth Plan under this scheme.

## EDUCATION FACILITIES :

### **7. Technical Scholarships :**

The Welfare Department is providing Technical Stipends to the Scheduled Castes trainees undergoing vocational training in ITIs and RITIs, Cluster Centres etc. @ Rs. 100/- p.m. Under this scheme cent percent trainees are covered. The rate of Rs. 100/- p.m. was fixed a long time back in 1980 and in the present context of rising costs this amount is proving insufficient to provide desired incentives to the trainees. Therefore, upward revision of this rate is under consideration of the Government for this scheme. An amount of Rs. 5.21 lakh has been approved for 1991-92 and the same will be utilised in full. A provision of Rs. 7.35 lakh for Annual Plan 1992-93 and Rs. 40.00 lakh for Eighth Plan has been proposed under the scheme.

### **8. Proficiency in Typing and Shorthand :**

Under this scheme, the SC/ST candidates registered with the employment exchanges as steno typist are engaged in various offices of the department to maintain their proficiency so that at the time of competition they can compete well and do not lose their speed in shorthand/typing. These candidates are kept in such offices for a period of one year during which a monthly stipend of Rs. 300/- is paid to them. During the Annual Plan 1991-92 an outlay of Rs. 1.15 lakh has been approved under this scheme which will be utilised in full. For the Annual Plan 1992-93; Rs. 2.00 lakh and for Eighth Plan Rs. 10 lakh has been proposed under this scheme.

## HEALTH

### **9. Drinking Water Supply Scheme :**

It has been seen that small villages, pockets or basties having concentration of Scheduled Castes population are either not covered under the programme of IPH for provision of drinking water or if water is provided a single tap/source is made available which does not serve the requirements of the residents of the area. With a view to meet such demands or supplement such efforts of IPH, the Welfare Department undertakes small drinking water supply scheme based on the estimates got prepared locally. To provide this basic amenity to the Scheduled Castes an amount of Rs. 8.20 lakh has been approved for the Annual Plan 1991-92 which will be utilised in full. A provision of Rs. 9.50 lakh for the Annual Plan 1992-93 and Rs. 70 lakh for the Eighth Plan has been proposed.

### **10. Construction of Houses for Vulnerable Group and Hous...g Subsidy :**

Provision of suitable shelter to the Scheduled Castes and other vulnerable groups namely sweepers and scavengers etc. needs top priority especially in this hilly State where due to inclement weather we can not expect any person not to have 4 walls with a suitable roof for his residence. To meet this

requirement the State Government provides Rs. 5,000/- in higher areas and Rs. 4,000/- in lower areas as subsidy for the construction of houses with the conditions that atleast 25% is contributed by the beneficiaries in the shape of cash, kind or labour. Half of these amounts are also allowed for repair purposes to save the houses of Scheduled Castes from crumbling or extensive dangers. For this purpose an outlay of Rs. 41 lakh has been approved for Scheduled Castes and Rs. 5.50 lakh for vulnerable groups in the Annual Plan 1991-92 which will be utilised in full. An outlay of Rs. 47 lakh has been proposed for Scheduled Castes and Rs. 6.50 lakh for the vulnerable groups in the Annual Plan 1992-93. For the Eighth Plan, Rs. 350.00 lakh and Rs. 40.00 lakh has been proposed under the scheme respectively, where the applicants do not have sites for the construction of a house, some assistance is also provided to enable them to procure sites for the purpose.

### **OTHERS**

#### **11. Social Awareness Campaign :**

The Welfare Department has a number of programmes as mentioned above to improve the social and economic conditions of the neglected section of the society but it does not have any agency or programmes to undertake extensive publicity to bring home the details of such programmes to the deserving persons especially in far flung and interior areas. Therefore to undertake extensive publicity campaign which would also include distribution of pamphlets, posters and holding of camps etc. For the Annual Plan 1991-92 an amount of Rs. 5.00 lakh has been approved which will be utilised in full under the scheme. A sum of Rs. 5.00 lakh has been proposed in the Annual Plan 1992-93 and Rs. 35.00 lakh for the Eighth Plan under the scheme.

#### **12. Award to Panchayats :**

Under this scheme it is proposed to provide cash awards to such panchayats who undertake phased work towards removal of untouchability, creating of awareness among the Scheduled Castes regarding their rights etc. and also undertake maximum number of intercaste marriages etc. Such awards will be paid in cash at Rs. 1.00 lakh per panchayat. This scheme is expected to create competition among panchayats to undertake all sorts of Welfare Programme which would in terms alleviate the poor Scheduled Caste from various miseries apart from generating awareness regarding their rights etc. During the Annual Plan 1991-92 an amount of Rs. 3.85 lakh has been approved which will be utilised in full under this scheme. A sum of Rs. 4.00 lakh for the Annual Plan 1992-93 and Rs. 30.00 lakh for the Eighth Plan has been proposed under this scheme.

## II. WELFARE OF SCHEDULED TRIBES

### EDUCATION FACILITIES

#### **1. Technical Scholarships :**

The details of this scheme are the same as mentioned above under the Scheduled Caste Programmes. During the Annual Plan 1991-92 an outlay of Rs. 3.10 lakh has been approved under this scheme which will be utilised in full. A sum of Rs. 3.50 lakh for the Annual Plan 1992-93 and Rs. 28.00 lakh for the Eighth Plan has been proposed under this scheme.

#### **2. Economic Betterment to Scheduled Tribes :**

This scheme is also similar to the one provided for the Scheduled Castes mentioned in the foregoing chapter. An amount of Rs. 1.30 lakh has been approved for the Annual Plan 1991-92, which will be utilised in full. A provision of Rs. 1.50 lakh for the Annual Plan 1992-93 and Rs. 10.00 lakh for the Eighth Plan has been proposed under this scheme.

#### **3. Housing Subsidy/House Sites :**

On the same patterns mentioned for the Scheduled Castes, this scheme is being implemented for Scheduled Tribes for which a sum of Rs. 19.00 lakh has been approved during the Annual Plan 1991-92 which will be utilised in full. A provision of Rs. 22.23 lakh has been proposed for Annual Plan 1992-93 and Rs. 150.00 lakh for the 8th Plan respectively under this scheme.

#### **4. Girls Hostels :**

It is a centrally sponsored scheme on 50:50 basis. An amount of Rs. 5.91 lakh has been approved during the Annual Plan 1991-92 which will be utilised in full. A sum of Rs. 7.00 lakh and Rs. 48.00 lakh as a state share has been proposed for the Annual Plan 1992-93 and Eighth Plan respectively. The scheme will be implemented on the same pattern as mentioned under the Scheduled Caste Programmes.

#### **5. Ashrams/Gujjar Schools :**

The Department proposed to set up 5 Ashram Schools for the children mainly of nomadic gujjars with a view to provide suitable education for their children so that they leave the habit of nomadism and receive proper education. Boarding and lodging expenditure is also borne by the department. For this purpose a sum of Rs. 11.89 lakh has been approved during the Annual Plan 1991-92 under the scheme which will be utilised in full. An outlay of Rs. 12.00 lakh for the Annual Plan 1992-93 and Rs. 95.00 lakh for the Eighth Plan has been proposed under this scheme.



### **III. WELFARE OF OTHER BACKWARD CLASSES**

#### **1. Technical Scholarships including Antyodaya :**

Technical stipends to the trainees belonging to the other backward classes and Antyodaya families other than SC/ST at the rate mentioned in the scheme for the Scheduled Castes are also provided, for which a sum of Rs. 4.40 lakh has been approved during the Annual Plan 1991-92 which will be utilised in full under the scheme. A provision of Rs. 9.00 lakh for the year 1992-93 and Rs. 50.00 lakh for the Eighth Plan has been proposed for this scheme.

#### **2. Scheduled Castes, Scheduled Tribes Development Corporation :**

Under the State Legislation, the department has set-up a Corporation namely Scheduled Castes/Scheduled Tribes Development Corporation with an authorised capital of Rs. 10 crore with the main aim of economic upliftment of Scheduled Castes and Tribes with specific emphasis on such families who are living below poverty line. The share capital of the Corporation is met by the State and Central Governments in the ratio of 51:49. For this purpose, an amount of Rs. 40.00 lakh has been approved during the Annual Plan 1991-92 which will be utilised in full. A provision of Rs. 45.00 lakh for the Annual Plan 1992-93 and Rs. 250.00 lakh for the Eighth Plan has been proposed.

**XVI. LABOUR AND LABOUR WELFARE**

(Rs. in Lakh)

Seventh Plan actual expenditure	(1985-90)	105.45
Annual Plan actual expenditure	(1990-91)	43.94
Annual Plan approved outlay	(1991-92)	50.00
Annual Plan anticipated exp.	(1991-92)	50.00
Annual Plan proposed outlay	(1992-93)	66.00
Eighth Plan proposed outlay	(1992-97)	435.00

**Labour and Employment :**

Labour, Employment and Training Schemes fall under the development head "Labour and Labour Welfare." Labour and Employment Schemes/Programmes are being implemented by the Labour and Employment Department whereas the training schemes by the department of Technical Education; Vocational and Industrial Training in Himachal Pradesh. The strategies adopted under this programme are as under :

**Special Programmes for Rural Labour :**

1. Enforce minimum wages for unorganised labour in Agriculture and Industry.
2. Fully implement laws abolishing bonded labour.
3. Involve voluntary agencies in programmes for the rehabilitation of bonded labour.

**A. LABOUR :**

Labour Department is responsible for the following activities :

1. Enforcement of Labour Laws and Labour Welfare Schemes.
2. Maintenance of peaceful Industrial Relations.
3. Implementation of Awards and Agreements.
4. Advice and assistance to other employing departments in labour laws.
5. Preventing exploitation of labour by employers.
6. Implementation of code of discipline.
7. International Labour Organisation recommendations and implementation thereof.
8. Collection, compilation and dissemination of various labour statistics and preparation of periodical reports and returns on the working of various laws.

9. Court work such as to prepare cases of prosecution for courts to defend the cases in the court and obtain conviction in the lower court and also attend cases in the court of Session Judges High Court/Supreme Court.
10. Work regarding amendments in labour Acts and Rules keeping in view of changing circumstances and the practical difficulties faced during enforcement.
11. To implement the labour laws not only in Government owned undertakings but also in commercial and Industrial undertakings in private sector.

At present the Labour Department is responsible to enforce/regulate the following labour laws:-

- a) Bonded labour System (Abolition Act, 1976).
- b) Contract labour (Regulation & Abolition) Act, 1970
- c) Child labour (Prohibition and Regulation) Act, 1986.
- d) Equal Remuneration Act, 1976.
- e) Factories Act, 1948.
- f) Industrial Disputes Act, 1947.
- g) Industrial Employment (Standing Order) Act, 1946.
- h) Inter State Migrant Workmen (Regulation of employment and conditions of Services) Act, 1979.
- i) Maternity Benefit Act, 1961.
- j) Minimum Wages Act, 1948
- k) Motor Transport Workers Act, 1961.
- l) Payment of Bonus Act, 1965.
- m) Payment of Gratuity Act, 1972.
- n) Payment of Wages Act, 1936.
- o) Plantation labour Act, 1951.
- p) Sales and Promotion of employees (condition of Service) Act, 1976.
- q) Trade unions Act, 1926.
- r) Working journalists and other news paper employees (condition of Services) and Miscellaneous Provision Act, 1955.
- s) Workmen Compensation Act, 1952.

- t) Himachal Pradesh Shops and Commercial Establishments Act, 1969.
- u) Himachal Pradesh Industrial Establishment Act, 1969.
- v) Employees State Insurance Scheme.
- w) Employees Provident Fund Act, 1952.
- x) Boilers Act, 1923.
- y) Himachal Pradesh Public Works Department contract labour Regulations.
- z) Dangerous Machinery Act, 1986.

An outlay of Rs. 50 lakh has been approved under this head for the Annual Plan 1991-92. Against this provision, Rs. 66 lakh has been proposed for the Annual Plan 1992-93 and an outlay of Rs. 435 lakh for the Eighth Plan (1992-97) under this head.

The schematic description of the proposals are described as under:

**1. LABOUR :**

**A Continuing Schemes :**

**1. Direction and Administration.**

**Staff at Headquarters :**

At present one post each of Labour Inspector (Hqrs.) and Legal Assistant is existing under plan. It is proposed to strengthen the machinery at Headquarters by providing fourteen posts of ministerial staff during the Eighth Plan. Besides at present there are only two vehicles at the Headquarters. One is being used by the Head of Department and the other vehicle is not adequate for providing transport facilities to the other ten officers at the headquarter. The officers are required to move at short notices for settlement of disputes, inspection of factories etc. It is, therefore, necessary that one more vehicle may be provided at Headquarters during the year 1992-93.

An outlay of Rs. 0.45 lakh has been kept for the year 1991-92 which is likely to be utilised in full. A provision of Rs. 2 lakh for 1992-93 and Rs. 13 lakh for the Eighth Plan has been proposed under this scheme.

**2. Industrial-Relations.**

**(a) Enforcement of Labour Laws :**

Under plan; 2 posts each of Labour Officer and Assistants and 13 posts of Labour Inspectors are existing. It is proposed to strengthen machinery for enforcement of labour laws in the Zonal Labour Officers offices and Labour Circles by providing forty six

posts of different categories of ministerial category including two Labour Officers during the Eighth Plan period.

It is also proposed to provide vehicles to the Labour Zonal Offices in a phased manner subject to availability of funds to improve their mobility for effecting enforcement of labour laws and prompt disposal of complaints. For this purpose, an outlay of Rs. 14.25 lakh has been kept for the year 1991-92 which is likely to be utilised in full. For the year 1992-93 an amount of Rs. 16 lakh and for Eighth Plan Rs. 95 lakh has been proposed under the scheme.

**(b) Settlement of Disputes :**

At present one Labour Court/Industrial Tribunal is functioning in the Pradesh. For the continuance of this court an outlay of Rs. 4.16 lakh has been approved for the year 1991-92 which is likely to be utilised in full. An amount of Rs. 6 lakh has been proposed for the Annual Plan 1992-93 and Rs. 35 lakh for the Eighth Five Year Plan

**3. Acquisition of Land and Construction of Buildings :**

At present construction of Labour Colony/sheds for Industrial Workers at Parwanoo is in progress. Estimated cost of the work is Rs. 33 lakh, Expenditure to the extent of Rs. 21.70 lakh has already been incurred upto 31.3.91. The balance amount of Rs. 11.30 lakh will be incurred during the Annual Plan 1991-92 and Eighth Five Year Plan Period. Provision is also required to be made for the acquisition of land and construction of buildings for industrial workers at any other place. For this purpose an amount of Rs. 4 lakh has been kept for 1991-92. For the Annual Plan 1992-93, an amount of Rs. 4 lakh and for Eighth Plan Rs. 10 lakh has been proposed.

**4. Strengthening of Inspectorate of Factories :**

There are 1278 registered factories and Saw mills in the Pradesh. For ensuring implementation of the Factories Act, 1948 in the Factories; the Pradesh has been divided in two zones namely Shimla zone and Una zone. Una zone is being looked after by the Factory Inspector (Mechanical) and Shimla zone by Factory Inspector (Mechanical) but he is also assisting the Ex-Officio Chief Inspector of Factories, and Deputy Chief Inspector of Factories who are from non-engineering side. At headquarter there is only one Clerk and one Peon. One post of Factory Inspector (Chemical) has also been got created for ensuring implementation of the various provisions relating to Chemical Engineering in the Factories. The Inspectorate of Factories is required to be strengthened by providing eighteen posts of different ministerial and technical staff and setting-up of laboratories and acquiring instruments required.

A provision of Rs. 0.90 lakh has been kept for the year 1991-92 which is likely to be utilised in full. A sum of Rs. 1.50 lakh for the year 1992-93 and Rs. 10 lakh for the Eighth Plan has been proposed under the scheme.

## **B. GENERAL LABOUR WELFARE :**

The following new schemes under labour welfare are also proposed to be introduced during the Eighth Plan :

### **1. Setting-up of Women Cell :**

The Government of India, Ministry of Labour Rehabilitation has been emphasising to constitute a women cell for information and coordination of policy and programme on the female labour force within a framework of national manpower and economic policies, collection analysis and dissemination of the social and economic aspects of female labour force in various economic section, promotion of education, training, welfare and advancement of social and economic status of women and maintaining liaison with other concerned government agencies to secure the implementation of programmes in respect of women labourers. At present there are number of legislations to safeguard and govern the working conditions of women labourers and child labour like Factories Act, 1947, Plantation Labour Act and Shops and Commercial Establishment Act, 1946. In Himachal Pradesh the women labour is mainly employed in the factories, the plantation and construction projects like roads. The establishment of such a cell would go a long way in the redressal of grievances problems of women and child labour in the Pradesh. To start with, it has been proposed to set-up women cell for which an amount of Rs. 0.30 lakh for the Annual Plan 1992-93 and Rs. 4 lakh for Eighth Plan has been proposed under this scheme.

### **2. Labour Welfare Fund :**

This fund is necessary for the welfare activities of industrial workers of state, so that with the help of funds department may provide various welfare schemes health, education and entertainment facilities etc. For maintenance of such activities it is also necessary to set-up administrative cell for this purpose. A sum of Rs. 1 lakh has been proposed for the Annual Plan 1992-93 and Rs. 5 lakh has been proposed under this scheme for the Eighth Plan.

### **3. Identification and rehabilitation of Bonded Labour :**

Though there is no bonded labour in the Pradesh but as per requirement of the law, Vigilance Committees have been constituted at District and Sub Divisional level for identification and rehabilitation of the Bonded Labourers in case they are found at any later stage. Therefore token outlay of Rs. 0.10 lakh for the Annual Plan 1992-93 and Rs. 1 lakh for the Eighth Plan has been proposed under this scheme.

### **4. Strengthening of Research & Statistics unit at Headquarters :**

At present there is only one Statistical Assistant at the Headquarter's Unit. It is proposed to provide at least one compiler at the unit additionally to improve the working of the

unit. An outlay of Rs. 0.10 lakh has been proposed for the Annual Plan 1992-93 and Rs. 2 lakh for the Eighth Plan under this scheme.

#### **5. Setting-up of Labour Welfare Centre at Parwanoo :**

It is proposed to set-up Labour Welfare Centre at Parwanoo for providing recreational and training facilities for the female family members of the labourers/industrial workers. Training will be imparted in cutting and Tailoring trade and musical instruments will be provided at the Centre for recreation purpose. Nominal staff i.e. one post each of the Mistress and Organiser (class-IV) is required for running the Centre. An outlay of Rs. 2 lakh for the Eighth Five Year Plan period and Rs. 0.20 lakh for the Annual Plan 1992-93 is proposed for the scheme.

### **II MANPOWER AND EMPLOYMENT SERVICE SCHEMES :**

The scheme-wise details are as under :

#### **1. Direction and Administration**

##### **Staff at the Directorate of Employment :**

At the Directorate of Employment Headquarters no staff has been provided for general and common work such as establishment, Budget, Account, Store and Record, Receipt and issues etc. Such work is presently being carried out by with-drawing staff sanctioned under different schemes. This arrangement can not be allowed to continue for indefinite period as it is affecting adversely on the work relating to different schemes. It is proposed to create 10 new posts of different categories during the Annual Plan 1992-93 and 20 posts during the entire Eighth Plan periods for the smooth working of the Directorate of Employment. An outlay of Rs. 1 lakh for 1992-93 and Rs. 16 lakh for the Eighth Plan has been proposed under the scheme.

#### **2. Extension and Coverage of Employment Service(Staff)**

Presently 45 posts are continuing under plan in the Central Employment Cell, Sub office Employment Exchanges, Distt. Employment Exchanges. It is proposed to provide 29 posts of ministerial staff and Employment officers and transport facilities to the regional Employment officers in a phased manner subject to availability of funds. An outlay of Rs. 17.70 lakh has been kept for the Annual Plan 1991-92. A sum of Rs. 19.80 lakh for the Annual Plan 1992-93 and Rs. 141 lakh has been proposed for the Eighth Plan under the scheme.

#### **3. Collection of Employment Market Information.**

One post of Computer Operator is proposed to be created during the current financial year (1991-92). It is proposed to computerise data of Employment Exchanges. Therefore, five posts of computer operators are proposed for the Eighth Plan. To continue it, an outlay of Rs. 0.11 lakh has been provided for the

Annual Plan 1991-92. An outlay of Rs. 1 lakh for the year 1992-93 and Rs. 10 lakh for the Eighth Plan has been proposed under the scheme.

#### **4. Vocational Guidance and Employment Counselling.**

One Vocational Guidance Unit with one post each of the Assistant Employment Officer (VG), Clerk and Peon is functioning at Regional Employment Exchange under plan. Two more V.G. units with two posts each of Assistant Employment Officer (VG), Clerk and Peon are proposed during the Eighth Plan. An outlay of Rs. 1.03 lakh has been provided for the year 1991-92 for this purpose. An outlay of Rs. 1.10 lakh for the Annual Plan 1992-93 and Rs. 12 lakh for the Eighth Plan has been proposed under this scheme.

#### **5. University Employment Information and Guidance Bureau, Palampur.**

University Employment Information and Guidance Bureau has been set-up at Agriculture University Palampur. One more Bureau is proposed to be set-up for Horticulture and Forestry University, Nauni, at Distt. Solan during the Eighth Five Year Plan for which one post of Dy.Chief, Steno-typist and Peon is required. For this purpose, an outlay of Rs. 0.91 lakh has been approved for the year 1991-92, which is likely to be utilised in full. Against this, an outlay of Rs. 1 lakh has been proposed for the Annual Plan 1992-93 and an outlay of Rs. 9 lakh for the Eighth Plan period under this scheme.

#### **6. Setting-up of Enforcement -cum-Vigilance Cell :**

It is proposed to set up a Enforcement-cum-Vigilance Cell at the headquarters for ensuring enforcement of compulsory notification of vacancies Act in the establishments in public and private sector. An outlay of Rs. 0.40 lakh for the Annual Plan 1992-93 and Rs. 8 lakh for Eighth Plan has been proposed for this purpose.

#### **7. Acquisition of land and construction of Buildings :**

The field Officers of the department of Labour and Employment and Directorate Headquarters are housed in rented private buildings except Regional Employment Exchange Mandi and Employment Exchange Chamba, Labour office Mandi and Labour Circle Offices at Mandi and Chamba. It is proposed to construct departmental buildings after acquiring Government or private land. An outlay of Rs. 2.29 lakh has been kept for the Annual Plan 1991-92 for this purpose. A token provision of Rs. 3 lakh has been proposed for the Annual Plan 1992-93 and Rs. 20 lakh for the Eighth Plan under the scheme.

#### **8. Employment Services in Tribal Areas :**

Under this scheme one post of Assistant is continuing at district Employment Exchange Keylong. It is proposed to strengthen employment services in tribal areas by providing one



post of Employment Officer, five clerks and one peon. A sum of Rs. 4 lakh has been kept for the year 1991-92 for this purpose. A token provision of Rs. 4.20 lakh has been proposed for the year 1992-93 and Rs. 20 lakh for the Eighth Plan under this scheme.

**9. Computerisation of Employment Exchanges :**

Under Centrally Sponsored Schemes computerisation of all the employment exchanges is to be done in a phased manner. Computer equipment will be supplied by the Government of India and the expenditure relating to site development for computerisation and stationery etc. is to be borne by the State Government. For this purpose an amount of Rs. 2 lakh will be provided during the year 1991-92. An outlay of Rs. 1 lakh for 1992-93 and Rs. 6 lakh for the Eighth Plan has been proposed under the scheme.

**10. Introduction of Self Employment Scheme in Employment Exchanges :**

It is proposed to introduce self employment scheme in employment exchanges for which 2 posts each of Assistant Employment Officer, Technical Assistant and one post of Typist-cum-Clerk has been proposed for the year 1992-93. An outlay of Rs. 1.50 lakh has been proposed for the year 1992-93 and Rs. 6 lakh for the Eighth Plan periods.

**11. Centrally Sponsored Schemes :**

Continuation of special Cell at Regional Employment Exchanges Dharamsala for Physically Handicapped persons.

Special Employment Cell for Physically handicapped persons has been set-up at Regional Employment Exchange Dharamsala under Centrally Sponsored Schemes. Hundred percent expenditure of it is being reimbursed by the Government of India; Ministry of Social and Women Welfare. An outlay of Rs. 1.15 lakh has been provided during the year 1991-92 under the scheme. An outlay of Rs. - 1 lakh for 1992-93 and Rs. 6 lakh has been proposed for the Eighth Plan under this scheme.

## XVII. SOCIAL WELFARE AND NUTRITION

### A. SOCIAL WELFARE :

(Rs. in Lakh)

Seventh actual expenditure	(1985-90)	271.27
Annual Plan actual expenditure	(1990-91)	748.05
Annual Plan approved outlay	(1991-92)	208.00
Annual Plan anticipated exp.	(1991-92)	208.00
Annual Plan proposed outlay	(1992-93)	275.00
Eighth Plan proposed outlay	(1992-97)	1545.00

Women constitute half the population and are critical to the production and social process of the economy. Their contribution and role in the family as well as in economic development and social transformation are pivotal. They have been managing and supporting the survival systems, particularly in the case of the poor households constituting about 30 percent of the population. The programmes for alleviation of poverty should thus have a strong focus on development of women.

In the Eighth Plan, women will be accorded a special role in the scheme of decentralised Planning and mobilisation of local skills and resources. With this end in view, measures towards universalisation of education, training for skill formation, provision of child care services and increasing access to productive assets and other resources will be intensified. Their status as producers of goods and services and as rightful claimants of social security will be explicitly recognised. Maximum resources will be directed towards releasing the productive and creative energies of rural women so that they become equal partners in the socio cultural transformation of our society.

With the above approach in view the following programmes will be implemented in the Pradesh for the Welfare of Women, Children and other weaker sections of the society. The brief write-up of these schemes is as given below :

#### I. WELFARE OF HANDICAPPED

##### 1. Stipends to Handicapped :

The department is providing stipends to the handicapped at various stages, the scholarships upto 8th class are provided out of State funds and beyond 8th class out of the centrally sponsored scheme. The rate of stipend in Primary standard is Rs. 50/- per month for day scholars and Rs. 100/- for boarders. Such rates in middle standard are Rs. 70/- for day scholars and Rs. 125/- for boarders. Efforts are made to cover cent-percent eligible cases under the scheme. During the Annual Plan 1991-92 an outlay of Rs. 2.10 lakh has been approved under the scheme which will be utilized in full. An outlay of Rs. 3.50 lakh for Annual Plan 1992-93 and a sum of Rs. 17.00 lakh for Eighth Plan has been proposed under the scheme.

**2. Aid for Purchase and Fitting of Artificial Limbs :**

The handicapped persons are provided artificial limbs to increase their mobility and to decrease their dependence on others. At present the handicapped having monthly income upto Rs. 300/- are provided full cost of the limbs, which includes hearing aids, try cycles and clutches etc. For those having income between Rs. 300/- and Rs. 600/- per month, 50% cost is allowed. The rules are under revision so as to liberalise the provisions of income and also allow assistance for attendants in deserving cases. Under this programme an amount of Rs. 1.30 lakh during the Annual Plan 1991-92 has been approved under the scheme which will be utilised in full. A sum of Rs. 2.50 lakh for Annual Plan 1992-93 and Rs. 12.00 lakh for Eighth Plan has been proposed.

**3. Marriage Grants to Handicapped :**

It has been felt that the marriage of handicapped pose a big problem to the parents. It has therefore been decided to provide incentives for marrying handicapped. This scheme has been introduced under which at present cash award of Rs. 2,500/- is given to the spouse of handicapped. It is proposed to enhance this incentive to Rs. 5,000/-. Under this scheme a provision of Rs. 0.50 lakh has been approved during Annual Plan 1991-92 which will be utilised in full. A sum of Rs. 0.75 lakh for the Annual Plan 1992-93 and Rs. 15.00 lakh for Eighth Plan has been proposed under the scheme.

**4. Matching Grants of Centrally Sponsored Schemes :**

There are following Centrally Sponsored Schemes for which matching provision under the State Sector has been proposed :

(Rs. in lakh)				
Sr. No.	Name of Scheme	Approved outlay 1991-92	Provision for	
			1992-93	Eighth Plan
1.	2.	3.	4.	5.
1.	Home for Deaf & Dumb	0.30	0.35	2.00
2.	Colony for Patients of Leprosy	1.00	5.00	10.00
3.	Home for Physically Handicapped.	0.30	0.40	3.00
4.	Petrol Subsidy.	0.05	0.05	1.00

Major scheme is the construction of a colony for Patients of leprosy ; whom the department wants to rehabilitate by providing vocational training and some avocations in the colony. The land is proposed to be acquired for the purpose.

## **5. Home for Mentally Retarded Children :**

At present there is no institution for the mentally retarded children in the State with the result that such children have to be sent to other states where generally the parents of mentally retarded children find it difficult and expensive to take them. Therefore, it is proposed to set-up a Home for such children in the State. Till the setting-up of this home, children will be sponsored in another Home being run at Una and their expenses met by the Department. Against the approved outlay of Rs. 1.00 lakh for the Annual Plan 1991-92, an outlay of Rs. 1.20 lakh has been proposed for the Annual Plan 1992-93 and Rs. 12.00 lakh for the Eighth Plan under the scheme.

## **6. Staff for Handicapped Home Sundernagar :**

A building to set-up a Home for Handicapped at Sundernagar is almost complete for Home for Dumb and handicapped will be set up there. Vocational training will also be provided apart from educational facilities. For this purpose a sum of Rs. 1.21 lakh for the Annual Plan 1991-92 has been approved against which a sum of Rs. 6.00 lakh has been proposed for the Annual Plan 1992-93. An outlay of Rs. 20.00 lakh for Eighth Plan has been proposed under the scheme.

## **7. Rehabilitation Allowance to Leprosy Patients :**

In Himachal Pradesh there are about 4,000 leprosy patients to whom the Government has decided to provide the monthly rehabilitation allowance of Rs. 60/- each. For this purpose during Annual Plan 1991-92 an outlay of Rs. 12.60 lakh has been approved which will be utilised in full. A sum of Rs. 15.00 lakh for Annual Plan 1992-93 and Rs. 100.00 lakh for Eighth Plan has been proposed under the scheme.

## **8. Vocational Rehabilitation Centres :**

A vocational rehabilitation centre for the handicapped has been started through the voluntary organisation to whom the grant-in-aid is required to be released on annual basis. For this centre a provision of Rs. 2.25 lakh has been approved for Annual Plan 1991-92 against which a sum of Rs. 2.00 lakh for Annual Plan 1992-93 and Rs. 18.00 lakh for Eighth Plan has been proposed.

## **II. CHILD WELFARE**

### **1. Foster Care Services :**

The department has introduced a scheme of Foster Care Services under which children upto the age of 16 years are placed with foster parents desirous to adopt such children for which they are paid maintenance allowance @ Rs. 100/- per child till the child attains the age of 21 years. In case of long and serious illness of the child some special financial assistance to the deserving foster parents is also admissible. For this programme

an amount of Rs. 2.65 lakh has been approved for Annual Plan 1991-92, which will be utilised in full. A sum of Rs. 3.00 lakh for 1992-93 and Rs. 18.00 lakh for Eighth Plan has been proposed under the scheme.

**2. Rehabilitation of inmates of Bal/Balika Ashrams including Assistance for Vocational Rehabilitations :**

The inmates coming out of the Bal/Balika Ashram in the State if not properly rehabilitated in the society are likely to go astray with the result that the very purpose of providing of social security to these children and their bringing-up in suitable atmosphere would be defeated. Therefore, children at the tune of their release from Bal/Balika Ashram they are proposed to be provided assistance for their rehabilitation including higher studies and vocational training. For this purpose an amount of Rs. 2.38 lakh has been approved for Annual Plan 1991-92 which will be utilised in full. An outlay of Rs. 2.50 lakh for Annual Plan 1992-93 and Rs. 20.00 lakh for Eighth Plan has been proposed under the scheme.

**3. Hostel for the Children at Mehla :**

The Hostel was constructed and run for a certain period with the assistance from the Save Children Fund. This organisation has stopped further grants with the results that the Hostel is being managed through the voluntary organisation namely Himachal Pradesh Council for Child Welfare. The Hostel is catering to the needs to the children of Gaddies, who are nomadic. For this purpose an amount of Rs. 2.65 lakh for Annual Plan 1991-92 has been approved against which a sum of Rs. 3.00 lakh for Annual Plan 1992-93 has been proposed. An outlay of Rs. 10 lakh under the scheme has been proposed for Eighth Plan (1992-97).

**4. Repair of Bal/Balika Ashrams/State Home etc. :**

The department is running certain Bal/Balika Ashrams and other Homes. The buildings are quite old and need repairs including addition and alterations for which Rs. 0.38 lakh has been approved for the Annual Plan 1991-92 against which a provision of Rs. 4.50 lakh for Annual Plan 1992-93 has been proposed. For the Eighth Plan an outlay of Rs. 5 lakh has been proposed under the scheme.

**5. Home for the Children in need of care and protection :**

Under this scheme for which central assistance is also forthcoming, two Homes have been set-up in the State through Voluntary Organisations to whom grant-in-aid is being released. The grant received from the Government of India is quite low and the department has to supplement suitable such assistance. A sum of Rs. 0.25 lakh has been approved in the Annual Plan 1991-92 under the scheme which will be utilised in full. A sum of Rs. 3.00 lakh for Annual Plan 1992-93 and Rs. 12.00 lakh for the Eighth Plan has been proposed under the scheme.

## **6. Running and Maintenance of Bal/Balika Ashrams :**

Bal/Balika Ashrams have been set-up for orphan and destitute children through voluntary organisations, to whom the grant-in-aid is released by the department. For such institutions a sum of Rs. 11.00 lakh in the Annual Plan for 1991-92 has been approved against which an amount of Rs. 9.00 lakh for Annual Plan 1992-93 and Rs. 90.00 lakh for Eighth Plan has been proposed.

## **7. Balwadies :**

The voluntary organisations are running 190 Balwadies through the State at such place, where such facilities are not otherwise available. This facility is serving a useful purpose of pre-school education among the children below 6 years of age. The approved outlay for Annual Plan 1991-92 is Rs. 30.00 lakh and against this an outlay of Rs. 48.00 lakh has been proposed for Annual Plan 1992-93. For the Eighth Plan an amount of Rs. 300.00 lakh has been proposed under the scheme.

## **III. SOCIAL DEFENCE**

### **1. Staff under Juvenile Justice Act :**

The Juvenile Justice Act has come into force throughout the country on 2/10/1987 and to comply with various provisions of the Act and Rules framed there under some staff according to the guidelines of the Government of India has to be appointed. Such staff includes Probation Officer, Care worker and other institutional staff. For this purpose an amount of Rs. 0.15 lakh in the Annual Plan 1991-92 has been approved and against this Rs. 0.50 lakh for Annual Plan 1992-93 has been proposed. For the Eighth Plan an amount of Rs. 1.50 lakh has been proposed under the scheme.

### **2. Building under Juvenile Justice Act :**

At present a special Home, a Juvenile Home is housed in private rented building which do not conform to the requirements of the Act. In the special Home suitable security arrangements and other facilities laid down in the Act have to be provided. It is proposed to construct the departmental building to house Special-cum-observation Home (separate-wings) in accordance with the guidelines of the Government of India for which land is being procured. A sum of Rs. 4.55 lakh has been approved for the Annual Plan 1991-92 which will be utilised in full and against this Rs. 6 lakh for Annual Plan 1992-93 has been proposed. For the Eighth Plan an outlay of Rs. 50 lakh has been proposed under this scheme.

## **IV. WOMEN WELFARE**

### **1. Women Development Corporation :**

In accordance with the policy of Government of India as also to ensure social and economic upliftment of the women in the State a women development corporation has been set-up with an

authorise capital of Rs. 500 lakh. The equity share is proposed to be met by the State and Central Government in the Ratio of 51:49 on the pattern of SC/ST Development Corporation. For the purpose a sum of Rs. 5.00 lakh has been approved in Annual Plan 1991-92 against which a sum of Rs. 6.00 lakh for Annual Plan 1992-93 has been proposed. For the Eighth Plan an amount of Rs. 20 lakh has been proposed under the scheme.

## **2. Working Women Hostels :**

More and more women are now taking to various types of jobs and it has often been seen that non-availability of safe accommodation discourages them to take jobs outside their homes. To overcome this difficulty Government of India provided grant to Voluntary agencies and local bodies up to 75% of the estimate cost. In Himachal Pradesh the financial condition of the voluntary agencies/ local bodies being poor. The remaining 25% share has to meet by the Government for which an amount of Rs. 2 lakh in the Annual Plan for 1991-92 has been approved against which a sum of Rs. 2.50 lakh has been proposed for the Annual Plan 1992-93. An outlay of Rs. 15 lakh has been proposed for the Eighth Plan under the scheme.

## **3. State Home :**

For the security of deserted and destitute women and to provide vocational training to them to enable them to stand on their own feet, one state Home is being run through voluntary organisation and another departmentally for which a sum of Rs. 6.00 lakh has been approved in the Annual Plan for 1991-92 which will be utilised in full. For Annual Plan 1992-93 Rs. 2 lakh and for the Eighth Plan Rs. 25 lakh has been proposed under the scheme.

## **4. Vocational Training to women in distress :**

A centre to provide Vocational training to the women in distress is being run through voluntary organisations to whom grant-in-aid to be paid on annual basis. In this Centre training in Shawl making is being provided to about 20 ladies. To met the expenditure on this Centre an amount of Rs. 0.70 lakh in Annual Plan 1991-92 has been approved against which an amount of Rs. 1 lakh has been proposed for Annual Plan 1992-93. For the Eighth Plan a sum of Rs. 6 lakh has been proposed under this scheme.

## **V. WELFARE OF DESTITUTE**

### **1. Marriage grant to Destitute Girls/Women :**

In Himachal Pradesh the poor parents in backward and interior areas often find it difficult to arrange the marriages of their girls. Mostly in such case where one of the parents (earning member) dies, to help such girls the department is providing the grant upto Rs. 2,500/- each for their marriages. For this purpose an amount of Rs. 3.25 lakh has been approved for 1991-92. A provision of Rs. 4.00 lakh for the Annual Plan

1992-93 and Rs. 25 lakh for Eighth Plan has been proposed under the scheme.

## **2. Financial Assistance to Destitute Girls/Women :**

Although at present the Government is allowing pensions to the Widows only, there are a number of cases in which the women are divorced, deserted or they become unwed mothers. For assisting such women the institutionalised services become more expensive and women also prefer some assistance in their Homes. Therefore, it is proposed that financial assistance at the rate of pension to widows be provided in such cases where there is none to support them. For this purpose a sum of Rs. 1.00 lakh in our Annual Plan 1991-92 has been approved which will be utilised in full. A provision of Rs. 1.25 lakh for Annual Plan 1992-93 and Rs. 5.00 lakh has been proposed for Eighth Plan under the scheme.

## **3. Aged Home :**

The modern society is not caring for their old parents and in some cases the poor financial conditions of the family force them to leave the aged persons at their own mercy. In a number of cases the aged have neither anything to fall back upon nor anybody to look after them and in such cases they need the institutionalised services. For such aged persons aged Homes have been set-up through Voluntary Organisation to whom grants are required to be released. For this purpose a sum of Rs. 4.00 lakh in Annual Plan 1991-92 has been approved against which an amount of Rs. 5 lakh has been proposed for Annual Plan 1992-93. For the Eighth Plan a sum of Rs. 32 lakh has been proposed under the scheme.

## **VI. OTHERS**

### **1. Welfare of Ex-Prisoners :**

So far there has been no programme to provide any Welfare activities to the ex-prisoners in the State. For proper assimilation of such ex-prisoners in the society some Welfare Programmes are proposed to be formulated and for this purpose a total provision of Rs. 0.15 lakh has been approved for Annual Plan 1991-92 which will be utilised in full. A sum of Rs. 0.50 lakh for Annual Plan 1992-93 and Rs. 2 lakh for Eighth Plan has been proposed under the scheme.

### **2. Grant to Other Voluntary Organisations :**

In Himachal Pradesh there are few voluntary organisations, and none of them have any financial resources of their own. The voluntary sector needs all encouragement to ensure their participation in the Welfare activities of the neglected sections. For assisting such voluntary organisation a sum of Rs. 2.25 lakh has been approved in Annual Plan 1991-92 which will be utilised in full. A sum of Rs. 5 lakh for Annual Plan 1992-93 and Rs. 18.00 lakh has been proposed for Eighth Plan under the scheme.



**3. Old Age/Widow Pension (Social Security Scheme) :**

Under this scheme old age pension is allowed @ Rs. 60/- PM to such persons whose age is 60 years and above. There is no age bar in case of widows and handicapped. At present the Department is providing Old Age/Widow pension, disability Relief Allowance to 87412 beneficiaries. During the Eighth Plan, it has been proposed to enhance the rate of pension from Rs. 60/- to Rs. 100/- PM per beneficiary and also to increase the beneficiaries as per guidelines of the Government of India. An amount of Rs. 100 lakh has been approved for the Annual Plan 1991-92. A sum of Rs. 125 lakh for Annual Plan 1992-93 and Rs. 625 lakh for Eighth Plan has been proposed under the scheme.

**4. Staff for State Home, Bilaspur :**

For the Annual Plan 1991-92 Rs. 3.03 lakh was provided for this Home. Against this, Rs. 1 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 25.50 lakh for the Eighth Plan period.

**5. Grant-in-Aid to Advisory Board :**

State Government also provide grant-in-aid to Advisory Board. For the Annual Plan 1991-92 Rs.3 lakh was approved for this purpose. Against this, Rs. 3.50 lakh has been proposed for the Annual Plan 1992-93 out of Rs. 25 lakh for the Eighth Plan period.

**6. Other Schemes :**

In addition to above scheme, funds have also been provided for the following two schemes.

(Rs. in lakh)

Sr. No.	Name of Scheme	Approved outlay Annual Plan 1991-92	Proposed outlay	
			Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.	5.
1.	After Care Vocational Centres	0.50	1.00	2.00
2.	Awareness Campaign	0.50	1.00	3.00
Total :		1.00	2.00	5.00

**VII. CENTRALLY SPONSORED SCHEMES :**

An outlay of Rs. 35 lakh for Eighth Plan, Rs. 4 lakh for Annual Plan 1991-92 and Rs. 12.30 lakh for Annual Plan 1992-93 on account of Centrally Sponsored Schemes to be transferred to State Plan has been build in the Plan on following schemes:

(Rs. in Lakh)

Name of scheme	Plan provision		
	Annual Plan 1991-92	Annual Plan 1992-93	Eighth Plan 1992-97
1.	2.	3.	4.
1. Scholarship of handicapped	2.10	3.50	7.00
2. Home for Children in need of care and protection.	0.25	3.00	12.00
3. Home for Deaf & Dumb.	0.30	0.35	2.00
4. Colony for patients of Leprosy.	1.00	5.00	10.00
5. Home for physically handicapped.	0.30	0.40	3.00
6. Petrol Subsidy.	0.05	0.05	1.00
Total	4.00	12.30	35.00

**B. SPECIAL NUTRITION PROGRAMME INCLUDING ICDS :**

(Rs. in Lakh)

Seventh Plan actual expenditure (1985-90)	603.50
Annual Plan actual expenditure (1990-91)	225.00
Annual Plan approved outlay (1991-92)	225.00
Annual Plan anticipated exp. (1991-92)	225.00
Annual Plan proposed outlay (1992-93)	260.00
Eighth Plan proposed outlay (1992-97)	1300.00

The following two programmes are taken-up under this programme;

**1. Integrated Child Development Services :**

Integrated Child Development Services scheme aims at bringing the infant mortality significantly down and lay down the foundation for the overall physical, social, psychological and intellectual development of children. Following six services are provided under this scheme to achieve the objective :

1. Non formal pre school education.
2. Supplementary Nutrition.
3. Immunization.
4. Health Check-up.
5. Referral Services and
6. Nutrition and Health Education.

At present the scheme of ICDS is being implemented in 32 community development blocks while in 2 other community development blocks the process of providing these services has been initiated. By the end of 8th Five Year Plan it is proposed to cover all the blocks of the Pradesh. Around 1,00,000 children

and 20,000 pregnant and nursing women are being provided these services through a network of 2840 Anganwadi Centres.

## **2. Supplementary Nutrition Programme :**

At present there are 32 ICDS projects under the Centrally Sponsored Scheme, one being run under which the nutritional component is borne by the State Government out of the State Sector budget. Presently about 1,20,000 children and 25,000 expectant and nursing mothers are deriving the benefit from this scheme. During the current year one more project has been allocated by the Government of India and as per policy of the Government of India all the Blocks would be covered during the 8th Five Year Plan through ICDS.

During the annual plan 1991-92 an amount of Rs. 225 lakh has been provided under the scheme which is likely to be utilised in full. For the annual plan 1992-93, Rs. 260 lakh and for the Eighth Plan Rs. 1300 lakh has been proposed under the scheme.

C. GENERAL SERVICES :

1. STATIONERY AND PRINTING :

(Rs. in Lakh)

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Seventh Plan actual expenditure	(1985-90)	270.00
Annual Plan actual expenditure	(1990-91)	30.17
Annual Plan approved outlay	(1991-92)	70.00
Annual Plan anticipated exp.	(1991-92)	70.00
Annual Plan proposed outlay	(1992-93)	95.00
Eighth Plan proposed outlay	(1992-97)	533.00
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The State Government acquired land measuring 22 bighas to build modern and self contained unit of press. The whole complex of the building was divided into two phases viz. :

1. Administrative Block 'B' to house the office Stores (Phase-I).
2. Modern factory type building to house the Government Press (Phase - II).

The construction of Administrative Block 'B' was started in 1975-76 and was completed in the year 1980 and it was handed over to the department by the P.W.D. authorities where in office and Stationery and Press stores of the department are housed. The new factory type building 'Phase - II' has also been completed.

The main thrust during the Eighth Five Year Plan will be on

- (i) Purchase of machinery and allied equipments,
- (ii) construction of residential Colony for the staff and
- (iii) augmentation of staff for optimising the output.

During the Seventh Five Year Plan (1985-90) an expenditure of Rs. 270 lakh was incurred on different works under this head. The actual expenditure incurred during the year 1990-91 was of the order of Rs. 30.17 lakh and against this an amount of Rs. 70 lakh has been proposed for the Annual Plan 1991-92 which will be utilised in full. For the Annual Plan 1992-93, an outlay of Rs. 95 lakh has been proposed out of the total provision of Rs. 533 lakh proposed for the Eighth Plan (1992-97). The schematic details are as under :

(Rs. in Lakh)

Scheme	Approved Outlay Annual Plan (1991-92)	Proposed Outlay	
		Annual Plan (1992-93)	Eighth Plan (1992-97)
1.	2.	3.	4.
1. Augmentation of staff.	45.00	50.00	300.00
2. Machinery and Equipments.	15.00	20.00	88.00
3. Residential Colony for staff.	10.00	25.00	145.00
<b>Total :</b>	<b>70.00</b>	<b>95.00</b>	<b>533.00</b>

## 2. PUBLIC WORKS

### POOLED NON RESIDENTIAL GOVERNMENT BUILDINGS :

(Rs. in Lakh)

Seventh Plan actual expenditure (1985-90)	2139.37
Annual Plan actual expenditure (1990-91)	644.89
Annual Plan approved outlay (1991-92)	475.00
Annual Plan anticipated exp. (1991-92)	475.00
Annual Plan proposed outlay (1992-93)	545.00
Eighth Plan proposed outlay (1992-97)	3680.00

Buildings of General Administration, Judiciary, Public works Department, District Administration, Land Revenue Deptt. Excise-Taxation, Police, Jails, Printing and Stationery etc. are covered under the head "Building (PW)". Demand for proper office buildings through out the State is immense and a large number of offices are functioning in improper hired accommodation. About 650 additional building units are required to fulfil demand at State, District headquarters, Sub-Divisional/Tehsil Headquarters etc. of these departments which require an outlay of about Rs.150 crore.

#### 1. Review of Achievements of Seventh Five Year Plan (1985-90) :

Although requirement of construction of buildings is great, a modest outlay of Rs. 15 crore only was approved during Seventh Five Year Plan out of which a sum of Rs. 1.25 crore was earmarked for tribal areas. The targets and achievements during the Seventh Five Year Plan are as under :

Sr. No.	Description	Unit	Targets Seventh Plan (1985-90)	Achievement Seventh Plan (1985-90)
1.	2.	3.	4.	5.
1.	Financial	Rs. in lakh	1500.00 (Revised 1995.09)	2139.37
2.	Physical	Nos.	130 (Revised 178)	121

Against the revised target of 178 buildings, 121 buildings have been completed during the Seventh Five Year Plan, out of which 9 buildings have been completed in tribal areas.

**2. Review of Achievements during the Annual Plan (1990-91) and Annual Plan (1991-92) :**

During the year 1990-91, the actual expenditure incurred was of the order of Rs. 644.89 lakh and against this, an amount of Rs. 475 lakh has been provided which will be utilised in full. With this investment, 22 buildings of different departments were constructed during the year 1990-91 and 18 buildings will be constructed during the Annual Plan 1991-92.

**3. Spill over Schemes to Eighth Five Year Plan (1992-97) :**

150 buildings, construction of which has been taken-up, upto March, 1992, have not been completed and construction of these buildings will spill over to the Eighth Plan. A sum of Rs. 17.70 crore is required to complete these buildings. Some of the important buildings which remain incomplete are, Secretariat building at Shimla (Phase - II), combined office building at Rampur, Mini Secretariat building at Mandi, Extension of High Court building, Additional Accommodation for D.C.'s Court at Dharamsala, office building for Chief Engineer (IPH), Dharamsala and Shimla, Chief Engineer (North) at Dharamsala, Himachal Bhawan at Chandigarh, Governor's residence-cum-State Guest House at Shimla and Police Complex (2nd Phase) at Shimla.

**4. Eighth Five Year Plan (1992-97) :**

Although demand for construction of public buildings in the State is above Rs.150 crore, a sum of Rs. 36.80 crore has been proposed for the Eighth Plan period. Out of this proposed outlay of Rs. 36.80 crore, an outlay of Rs. 5.19 crore is earmarked for tribal areas. The proposed outlay and targets are given as under:

Sr. No.	Discription	Unit	Targets (1992-97)		Total State Plan
			Other than tribal area	Tribal area	
1.	2.	3.	4.	5.	6.
1.	Financial	Rs. in			
	a) Proposed outlays	lakh	3161	519	3680
2.	Physical				
	a) Targets (Buildings) Nos.		115	15	130

**5. Annual Plan (1992-93) :**

An outlay of Rs. 545 lakh has been proposed for the Annual Plan (1992-93). The proposed outlays and targets are given as under :

Sr. No.	Discription	Unit	Proposed for Annual Plan (1992-93)		
			Other than tribal areas	Tribal areas	Total
1.	2.	3.	4.	5.	6.
1.	Financial	Rs. in			
	a) Proposed outlays	lakh	468	77	545
2.	Physical				
	a) Targets (Buildings) Nos.		20	2	22

3. OTHERS :

(A) Himachal Pradesh Institute of Public Administration :

(Rs. in Lakh)

Seventh Plan actual expenditure	(1985-90)	105.61
Annual Plan actual expenditure	(1990-91)	27.83
Annual Plan approved outlay	(1991-92)	40.00
Annual Plan anticipated exp.	(1991-92)	40.00
Annual Plan proposed outlay	(1992-93)	46.00
Eighth Plan proposed outlay	(1992-97)	263.00

The Himachal Pradesh Institute of Public Administration was established during the year 1974, for the training of Civil Servants of the Pradesh. Ever since then a well planned programme of training of various categories employees has been formulated and successfully implemented by the Institute. Besides training programmes at the Institute, 3 Regional Training Centres at Mandi, Nahan and Kangra are functioning and 7 District Training Centres in remaining districts are conducting training courses for Class III and Class IV employees of the Pradesh. The Institute is also organising various sponsored courses of the training Division of the Government of India in which various officers of the country including this State participate. This Institute is also conducting departmental examinations for the Gazetted Officers of the Pradesh for which the expenditure is also incurred from the budget of the Institute.

During the Eighth Five Year Plan, coaching for combined Defence Services examination twice in a year has been proposed. During the financial year 1990-91, the course has already been started. It has also been decided to conduct research work on various research projects like programme evaluation, identification of training needs, case Studies, Training modules preparation, Planning models, micro-level planning, updating of manuals and regional plans.

An amount of Rs. 40 lakh has been provided for the different schemes for the year 1991-92 under this head of development. Against this; Rs. 46 lakh for the Annual Plan 1992-93 and Rs. 263 lakh has been proposed for the Eighth Plan.

Physical Targets :

During the year 1991-92, 203 different courses will be conducted by the Institute in the Pradesh. Against this, a target of 247 courses for 1992-93 and 1267 courses for the Eighth Plan has been proposed. The course-wise details are as under :



Sr. No.	Name of the course.	Target of courses for (1991-92)	Proposed Target of courses for (1992-93)	Proposed Target of courses for Eighth Plan (1992-97)
1.	2.	3.	4.	5.
1.	IAS (Probationers)	1	1	5
2.	HAS (Probationers)	1	1	5
3.	Course of Gazetted Officers.	20	23	112
4.	Course of Non-Gazetted Officers.	10	10	52
5.	Course for H.P. Secretariat Staff.	12	12	60
6.	Courses conducted by the D.T.C's.	80	100	500
7.	Seminars/Workshops.	3	3	23
8.	S.A.S.Part I & II	1	2	10
9.	G.O.I. Sponsored programme.	8	5	25
10.	I.R.D.P.Courses/ Seminars conducted at HIPA.	10	12	70
11.	IRDP courses conducted by DTCs.	50	70	365
12.	Pre-examination coaching	7	8	40
<b>Total :</b>		<b>203</b>	<b>247</b>	<b>1267</b>

**Centrally Sponsored Schemes (50:50) :**

**1. State Centre for Training and Research Scheme :**

The Institute of Public Administration was selected as State Centre for Training and Research in Rural Development by the Ministry of Rural Development, Government of India during the year 1981-82. Under this scheme training is being imparted to the rural development functionaries of the Pradesh so that they are able to implement various schemes relating to the rural development. Besides, the Institute is also conducting some research work/studies in the matter. The scheme is a centrally sponsored scheme on 50:50 sharing basis. For the implementation of this scheme the suitable provision of funds for the Annual Plan 1992-93 and Eighth Plan has been made in the Rural Development Plan.

**2. Pre-examination Coaching Scheme :**

Besides imparting training to the civil servants of the Pradesh at the Institute, pre-examination coaching is also, being given to the candidates of scheduled castes/tribes and other backward Classes. The scheme was transferred by the Welfare

Department to this Institute. The coaching is given with a view to prepare the candidates of weaker sections of the society to appear in various competitive examinations conducted by various recruiting agencies of the Pradesh and Country.

The same has now become a regular feature of the Institute and some posts of faculty members and staff have been created under this scheme. This is a centrally sponsored scheme on 50:50 sharing basis between the Government of India and the State Government. For the implementation of this scheme appropriate provision of funds for the Annual Plan 1992-93 and Eighth Plan has been made in the Welfare Plan.

**(B) Nucleus Budget for Tribal Areas :**

(Rs. in Lakh)

Seventh Plan actual expenditure (1985-90)	177.97
Annual Plan actual expenditure (1990-91)	53.00
Annual Plan approved outlay (1991-92)	52.50
Annual Plan anticipated exp. (1991-92)	52.50
Annual Plan proposed outlay (1992-93)	70.00
Eighth Plan proposed outlay (1992-97)	350.00

This scheme was introduced in 1979-80 with the provision of Rs. 5 lakh for each ITDP but in 1981-82 this amount was raised in respect of ITDP Kinnaur to Rs. 15 lakh there being three CD blocks so that henceforth Rs. 5 lakh were available for each CD block. The amount was raised from the year 1991-92. Funds under this scheme are available for local development works as have no recurring liability and for which there is no budgetary provision or the same is inadequate. At first a maximum of Rs. 25,000 was available for single scheme at a time but this amount has been raised to Rs. 50,000 in view of escalating prices. This scheme is administered by the Project Advisory Committee.

During the Year 1990-91, an amount of Rs. 53 lakh was spent under this head and against this, Rs. 52.50 lakh has been provided for the year 1991-92. For the Annual Plan 1992-93, an outlay of Rs. 70 lakh and for the Eighth Plan, an outlay of Rs. 350 lakh has been proposed for different schemes under this head of development.

(C) Tribal Development Machinery :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	29.27
Annual Plan actual expenditure	(1990-91)	7.58
Annual Plan approved outlay	(1991-92)	7.50
Annual Plan anticipated exp.	(1991-92)	7.50
Annual Plan proposed outlay	(1992-93)	9.00
Eighth Plan proposed outlay	(1992-97)	58.00

After the Tribal Development Department was separated from the Planning Department, a separate Secretariat Branch has been established to cope with Secretariat and ministerial work relating to the Headquarters as also the five ITDP offices and their establishment and also to handle the work relating to "Single consolidated demand (Demand No.31)". The scheme will be continued in the Eighth Plan.

During the year 1990-91, Rs. 7.58 lakh was spent under this head and against this Rs. 7.50 lakh has been provided for the year 1991-92 which will be utilised in full. For the Annual Plan 1992-93, an outlay of Rs. 9 lakh and for the Eighth Plan Rs. 58 lakh has been proposed under this head of development.

(D) Equity to Ex-Servicemen Corporation including PEXSEM :

		(Rs. in Lakh)
Seventh Plan actual expenditure	(1985-90)	103.52
Annual Plan actual expenditure	(1990-91)	22.58
Annual Plan approved outlay	(1991-92)	32.00
Annual Plan anticipated exp.	(1991-92)	32.00
Annual Plan proposed outlay	(1992-93)	53.00
Eighth Plan proposed outlay	(1992-97)	330.00

The Himachal Pradesh Ex-Servicemen Corporation was established vide Himachal Pradesh Ex-Servicemen Corporation Act, 1979 and came into existence in 1980-81 with the main object of helping the ex-servicemen of the State to resettle in civil life. The main activity of the Corporation is to arrange loans for the ex-servicemen through the banks and other financing organisations and subsidise interest thereon so as to enable the ex-servicemen to start self employment ventures in the field of retail business, horticulture, hotel, dairy, poultry farming, cottage/small scale industries and transport etc. Apart from arranging loans, the corporation advances margin money loans at low interest rates. In order to assist ex-servicemen to effectively resettle through self-employment ventures the corporation arranges training courses in different fields such as agriculture, horticulture, bee-keeping, small industries/small business, forestry, dairy farming and poultry etc.

During the year 1990-91, an expenditure of Rs. 22.58 lakh was incurred and against this, Rs. 32 lakh has been provided for the year 1991-92. For the year 1992-93 an outlay of Rs. 53 lakh and for the Eighth Plan, an outlay of Rs. 330 lakh has been proposed under this head. The break-up of these proposed outlays are as under :

(Rs. in Lakh )

Item	Proposed outlay	
	8th Plan (1992-97)	Annual Plan (1992-93)
1.	2.	3.
<b>1. <u>Equity to Ex-Servicemen Corporation</u></b>		
a) Investment in Ex-Servicemen Corporation	126.00	18.00
b) Interest Subsidy to Ex-servicemen Corporation	63.00	9.00
c) Admn. Exp. grants (Net of internal receipts)	50.00	8.00
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Sub Total Ex-Servicemen Corporation	239.00	35.00
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<b>2. <u>PEXSEM</u></b>		
a) Salary	45.00	6.80
b) Sarkaghat Rest House ]		3.70
c) Directorate Building ]	15.00	2.50
d) Staff (New)	21.00	3.00
e) District Level Building	10.00	2.00
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Sub Total PEXSEM	91.00	18.00
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<b>TOTAL :</b>	<b>330.00</b>	<b>53.00</b>
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**STATEMENTS—SEVENTH FIVE YEAR PLAN-1985-90  
AND  
ANNUAL PLANS—1990-91 AND 1991-92**

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**HEAD OF DEVELOPMENT-WISE OUTLAYS AND EXPENDITURE DURING SEVENTH FIVE YEAR PLAN  
1985-90 AND ANNUAL PLANS—1990-91 AND 1991-92**

(Rs. in lakh).

Code No.	Major Heads/Minor Heads of Development	Seventh Plan	Annual Plan 1990-91		Annual Plan 1991-92	
		1985-90 Actual Expenditure	Approved Outlay	Actual Expenditure	Approved Outlay	Anticipated Expenditure
1	2	3	4	5	6	7
<b>A. ECONOMIC SERVICES :</b>						
<b>1. AGRICULTURE AND ALLIED ACTIVITIES :</b>						
<b>101 2401 00</b>	<b>Crop Husbandry :</b>					
	(a) Agriculture ..	2764.30	1097.00	939.73	1279.00	1279.00
	(b) Horticulture ..	1848.45	586.00	556.89	696.00	696.00
	(c) Dry Land Farming ..	178.27	25.00	24.89	25.00	25.00
	Sub-Total ..	4791.02	1708.00	1521.51	2000.00	2000.00
<b>2402 00</b>	<b>Soil and Water Conservation :</b>					
<b>2406 01</b>	(a) Agriculture ..	606.35	189.00	152.61	220.00	220.00
	(b) Forest ..	561.24	125.00	112.38	140.00	140.00
	Sub-Total ..	1167.59	314.00	264.99	360.00	360.00
<b>2403 00</b>	<b>Animal Husbandry</b> ..	824.44	256.00	331.99	282.00	282.00
<b>2404 00</b>	<b>Dairy Development</b> ..	290.38	100.00	102.01	105.00	105.00
<b>2405 00</b>	<b>Fisheries</b> ..	329.77	118.00	131.35	140.00	140.00
<b>2406 00</b>	<b>Forestry and Wild life</b>					
	(a) Forestry ..	10149.30	2565.00	2540.19	3135.00	3135.00
	(b) Wild life ..	308.92	105.00	102.00	125.00	125.00
	Sub-Total ..	10458.22	2670.00	2642.19	3260.00	3260.00
<b>2415 00</b>	<b>Agriculture Research and Education:</b>					
	(a) Agriculture ..	367.52	127.00	131.39	151.00	151.00
	(b) Horticulture ..	482.51	127.00	138.64	140.00	140.00
	(c) Animal Husbandry ..	199.61	83.00	83.00	98.00	98.00
	(d) Forests ..	214.59	88.00	92.54	105.00	105.00
	(e) Fisheries ..	18.00	5.00	5.00	6.00	6.00
	Sub-Total ..	1282.23	430.00	450.57	500.00	500.00
<b>2416 00</b>	<b>Investment in Agriculture Financial Institutions :</b>					
	(a) Agriculture ..	29.00	10.00	10.00	10.00	10.00
	(b) Horticulture ..	1755.24	123.00	323.00	123.00	123.00
	Sub-Total ..	1784.24	133.00	333.00	133.00	133.00
<b>2435 01</b>	<b>Marketing and Quality Control :</b>					
	(a) Agriculture ..	103.91	24.00	22.45	35.00	35.00
	(b) Horticulture ..	4070.09	475.00	757.80	465.00	465.00
	Sub Total ..	4174.00	499.00	780.25	500.00	500.00
<b>2435 60</b>	<b>Others :</b>					
	(a) Loans to Cultivators other than Horticulture Loans ..	5.00	1.00	1.00	1.00	1.00
<b>2425 00</b>	<b>Co-operation</b> ..	893.28	197.00	402.08	215.00	215.00
<b>0000 00</b>	<b>Total— I</b> ..	26000.17	6426.00	6960.94	7496.00	7496.00

1	2	3	4	5	6	7
<b>II RURAL DEVELOPMENT :</b>						
<b>102 2501 00</b>	<b>Special Programme for Rural Development :</b>					
2501 01	(a) Integrated Rural Development Programme (IRDP) and Allied Programmes ..	1196.14	136.00	194.75	142.00	142.00
02	Antyodaya Programme ..	—	—	—	118.00	118.00
2501 04	Integrated Rural Energy Programme (IREP) ..	233.63	70.00	70.00	80.00	80.00
	Sub Total ..	1429.77	206.00	264.75	340.00	340.00
<b>102 2505 00</b>	<b>Rural Employment :</b>					
	(a) N.R.E.P./S.E.P. ..	792.16	254.00	301.74	246.00	246.00
	(b) J.R.Y. ..	228.55	—	—	254.00	254.00
	Sub Total ..	1020.71	254.00	301.74	500.00	500.00
<b>102 2506 00</b>	<b>Land Reforms :</b>					
	(a) Cadastral Survey and Record of Rights ..	955.48	245.00	267.53	276.00	276.00
	(b) Supporting Services ..	4.50	1.00	1.00	1.00	1.00
	(c) Consolidation of Holdings ..	521.58	138.00	153.00	153.00	153.00
	(d) Strengthening of L.R.A. ..	232.66	80.00	120.73	102.00	102.00
	(e) Revenue Housing ..	39.15	5.00	5.00	5.00	5.00
	(f) Forest Settlement ..	117.35	31.00	30.92	34.00	34.00
	Sub-Total ..	1870.72	500.00	578.18	571.00	571.00
<b>2515 00</b>	<b>Others</b>					
	1. Community Development ..	402.79	95.00	91.92	127.00	127.00
	2. Panchayats ..	194.93	71.00	68.64	93.00	93.00
<b>102 0000 00</b>	<b>Total—II</b> ..	4918.92	1126.00	1305.23	1631.00	1631.00
<b>103 0000 00</b>	<b>III. SPECIAL AREA PROGRAMMES:</b>	—	—	—	—	—
<b>IV. IRRIGATION AND FLOOD CONTROL:</b>						
<b>104 2701 00</b>	<b>Major and Medium Irrigation</b>	913.82	270.00	284.05	307.00	307.00
<b>2702 00</b>	<b>Minor Irrigation:</b>					
	(i) Irrigation & Public Health Including USAID ..	5798.95	2200.00	2048.39	3025.00	3025.00
	(ii) Rural Development Department ..		25.00	21.44	25.00	25.00
	Sub-Total (i+ii) ..	5798.95	2225.00	2069.83	3050.00	3050.00
<b>2702 00</b>	<b>Command Area Development</b> ..	121.47	40.00	42.56	46.00	46.00
<b>2711 00</b>	<b>Flood Control</b> ..	307.61	90.00	78.83	100.00	100.00
<b>104 0000 00</b>	<b>Total—IV</b> ..	7141.90	2625.00	2475.27	3503.00	3503.00
<b>V. ENERGY :</b>						
<b>105 2801 00</b>	<b>Power :</b>					
	(a) Generation ..	19511.08	4550.00	4801.44	5505.00	5505.00
<b>105 2801 05</b>	<b>(b) Transmission and Distribution</b> ..	8324.63	450.00	950.20	1210.00	1210.00
<b>105 2801 06</b>	<b>(c) Rural Electrification</b> ..	5942.96	750.00	922.15	825.00	825.00
	(d) Survey & Investigations ..	320.80	50.00	60.93	40.00	40.00
	(e) Board's Buildings ..	261.31		5.58	10.00	10.00
	(f) Renovation and Modernisation of Power Houses ..	386.83	50.00	(—)18.72	10.00	10.00
	Sub-Total—(Power) ..	34747.61	5850.00	6721.58	7600.00	7600.00

1	2	3	4	5	6	7
105 2810 00	<b>Non-Conventional Energy Sources—</b>					
	<b>Development of New and Renewable Sources of Energy :</b>					
01	<b>Bio-Gas Development</b>	391.15	85.00	85.00	85.00	85.00
02 038 60	<b>Solar, wind and another energy sources</b>	37.00	5.00	5.00	15.00	15.00
105 000 00	<b>Total—V</b>	35175.76	5940.00	6811.58	7700.00	7700.00
106 000 00	<b>VI. INDUSTRIES AND MINERALS :</b>					
106 2851	Village and Small Industries ..	1277.68	420.00	403.88	709.00	709.00
2852 00	Large and Medium Industries	2865.04	650.00	671.73	450.00	450.00
2853 00	Mining ..	100.59	30.00	31.00	45.00	45.00
	<b>Total—VI</b>	4243.31	1100.00	1106.61	1204.00	1204.00
107 000 00	<b>VII. TRANSPORT :</b>					
3053 00	Civil Aviation ..	755.50	25.00	37.02	25.00	25.00
3054 00	Roads and Bridges ..	15871.16	3800.00	4218.00	4290.00	4290.00
3055 00	Road Transport ..	2908.28	755.00	742.04	890.00	890.00
3056 00	Inland Water Transport ..	22.23	2.00	1.44	2.00	2.00
3075 00	Other Transport Services :					
	(a) Ropeways/Cableways ..	17.97	25.00	—*	25.00	25.00
	(b) I.M.T. Studies ..	2.31	5.00	—	5.00	5.00
	<b>Sub-Total (a+b)</b>	20.28	30.00	—	30.00	30.00
107 000 00	<b>Total—VII</b>	19577.45	4612.00	4998.50	5237.00	5237.00
108 000 00	<b>VIII. COMMUNICATION</b> ..	—	50.00	51.78	50.00	50.00
109 000 00	<b>IX. SCIENCE, TECHNOLOGY AND ENVIRONMENT</b>					
109 3425 00	Scientific Research ..	63.68	16.00	21.00	50.00	50.00
3435 00	Ecology and Environment ..	—	5.00		5.00	5.00
04	Water and Air Pollution Board ..	27.75	15.00	15.00	20.00	20.00
109 0000 00	<b>Total—IX</b>	91.43	36.00	36.00	75.00	75.00
110 0000	<b>X. GENERAL ECONOMIC SERVICES :</b>					
110 3451 00	Secretariat Economic Services ..	196.66	68.00	61.71	70.00	70.00
3452 00	Tourism ..	636.67	215.00	226.05	260.00	260.00
3454 00	Survey and Statistics ..	44.14	15.00	15.00	17.00	17.00
3455 00	Civil Supplies ..	265.32	557.00	534.16	364.00	364.00
3470	Weights and Measures ..	18.70	7.00	5.54	8.00	8.00
3475 00	Other General Services ..					
	(a) Institutional Finance ..	23.92	6.00	3.00	6.00	6.00
	(b) District Planning ..	1215.30	1276.00	655.82	984.00	984.00
110 0000 00	<b>Total—X</b>	2400.71	2144.00	1501.28	1709.00	1709.00
	<b>TOTAL—(A) GENERAL ECONOMIC SERVICES I TO X</b>	99549.65	24059.00	25247.19	28605.00	28605.00
200 0000	<b>(B) SOCIAL SERVICES :</b>					
221 0000	<b>XI EDUCATION :</b>					
221 2202 01	(a) Primary Education ..	1619.46	520.00	519.60	628.00	628.00
221 2201 01	(b) General & University Edu. (other than Primary) ..	5965.64	2730.00	2770.96	2972.00	2972.00
2203 00	Technical Education ..	1168.61	425.00	351.32	544.00	544.00

*Expenditure Included in Roads and Bridges head.



(Rs. in lakh).

1	2	3	4	5	6	7
2404 00	Youth Services and Sports ..	421.08	65.00	77.14	71.00	71.00
2205 00	Arts and Culture ..	512.04	98.00	89.57	105.00	105.00
	Others :					
	(a) Mountaineering & Allied Sports ..	116.81	40.00	39.37	45.00	45.00
	(b) Gazetteer ..	19.11	7.00	5.46	9.00	9.00
	Sub-Total ..	135.92	47.00	44.83	54.00	54.00
221 0000 00	<b>Total—Education and Allied</b>	<b>9822.74</b>	<b>3885.00</b>	<b>3853.42</b>	<b>4374.00</b>	<b>4374.00</b>
222 2210 00	<b>XII HEALTH :</b>					
	1. Allopathy ..	3194.95	905.00	955.52	1070.00	1070.00
	2. Ayurveda and other ISMS ..	422.28	145.00	204.27	230.00	230.00
	3. Medical Education ..	729.63	215.00	313.35	250.00	250.00
	<b>Total—Health</b> ..	<b>4346.86</b>	<b>1265.00</b>	<b>1473.14</b>	<b>1550.00</b>	<b>1550.00</b>
223 2215 00	<b>XIII WATER SUPPLY, SANITATION HOUSING AND URBAN DEV. :</b>					
	<b>(1) Water Supply :</b>					
	(a) Urban Water Supply ..	701.50	717.00	484.24	900.00	900.00
	(b) Rural Water Supply :					
	(i) I & P. H. ..	} 8085.54	2308.00	3450.34	3055.00	3055.00
	(ii) Rural Development Department ..					
	Sub-Total—(b) ..	8085.54	2308.00	3450.34	3055.00	3055.00
	<b>Total—Water Supply</b> ..	<b>8787.04</b>	<b>3025.00</b>	<b>3934.58</b>	<b>3955.00</b>	<b>3955.00</b>
	<b>(2) Sewerage and Sanitation :</b>					
	(a) Sewerage ..	114.47	90.00	40.03	100.00	100.00
	(b) Rural Sanitation ..	177.36	20.00	20.00	25.00	25.00
	(c) Low Cost Sanitation ..	92.47	15.00	15.00	20.00	20.00
	<b>Total—Sewerage and Sanitation</b>	<b>384.30</b>	<b>125.00</b>	<b>75.03</b>	<b>145.00</b>	<b>145.00</b>
223 2216 00	<b>(3) Housing (Including Police Housing)</b> ..					
	(a) Pooled Government Housing ..	1805.02	220.00	} 276.89	235.00	235.00
	(b) Police Housing ..	—	55.00		—	—
	(c) Loans to Government Employees ..	670.00	190.00	*190.00	—	—
	(d) Housing Department ..	571.36	675.00	170.29	180.00	180.00
	(e) Rural Housing ..	77.48	10.00	10.00	20.00	20.00
	<b>Total—Housing</b> ..	<b>3123.86</b>	<b>1150.00</b>	<b>647.18</b>	<b>435.00</b>	<b>435.00</b>
223 2217 00	<b>(4) Urban Development :</b>					
	(a) Town & Country Planning ..	242.80	55.00	59.40	77.00	77.00
	(b) Environmental Improvement of Slums ..	102.00	40.00	40.00	48.00	48.00
	(c) G.I.A. to Local Bodies & Directorate of ULB ..	376.37	80.00	70.29	107.00	107.00
	(d) Urban Development Authority ..	1036.70	260.00	322.08	220.00	220.00
	<b>Total—Urban Development</b> ..	<b>1757.87</b>	<b>435.00</b>	<b>491.77</b>	<b>452.00</b>	<b>452.00</b>
	<b>TOTAL—WATER SUPPLY &amp; SANITATION, HOUSING AND URBAN DEVELOPMENT</b> ..	<b>14053.07</b>	<b>4735.00</b>	<b>5148.56</b>	<b>4987.00</b>	<b>4987.00</b>

*Provisional.

(Rs. in lakh).

1	2	3	4	5	6	7	
224	2220 00	XIV Information & Publicity ..	336.10	100.00	103.66	105.00	105.00
225	2225 00	XV Welfare of SC's/ST's/OBC's					
		1. Welfare of Backward Classes ..	393.64	125.00	98.92	179.00	179.00
		2. SC/ST Development Corporation ..	167.73	35.00	35.00	40.00	40.00
		<b>Total—Welfare of SC's /ST's/OBC's ..</b>	<b>561.37</b>	<b>160.00</b>	<b>133.92</b>	<b>219.00</b>	<b>219.00</b>
226	2230 00	XVI Labour & Employment ..	105.45	45.00	43.94	50.00	50.00
		<b>XVII SOCIAL WELFARE</b>					
227	2235 00	Social Welfare ..	271.27	850.00	748.05	208.00	208.00
227	2236 00	S.N.P. Including ICDS ..	603.50	225.00	225.00	225.00	225.00
		<b>Total—Social Welfare ..</b>	<b>874.77</b>	<b>1075.00</b>	<b>973.05</b>	<b>433.00</b>	<b>433.00</b>
200	0000 00	<b>TOTAL—(B) SOCIAL SERVICES ..</b>	<b>30100.36</b>	<b>11265.00</b>	<b>11729.69</b>	<b>11718.00</b>	<b>11718.00</b>
		<b>XVIII (C) GENERAL SERVICES</b>					
342	2058 00	Stationery and Printing ..	270.00	60.00	30.17	70.00	70.00
	2059 00	Public Works (Pooled Non Residential Government Buildings) ..	2139.37	500.00	644.89	475.00	475.00
	2070 00	Others :					
		(a) HIPA ..	105.61	30.00	27.83	40.00	40.00
		(b) Nucleus Budget for Tribal Areas ..	177.97	53.00	53.00	52.50	52.50
		(c) Tribal Development Machinery ..	29.27	7.00	7.58	7.50	7.50
		(d) Equity to Ex-Servicemen Corp. including PEXSEM ..	103.52	26.00	22.58	32.00	32.00
3	00 0000 00	<b>TOTAL—XVIII(C)GENERAL SERVICES ..</b>	<b>2825.74</b>	<b>676.00</b>	<b>786.05</b>	<b>677.00</b>	<b>677.00</b>
9	99 9999 99	<b>GRAND TOTAL—I to XVIII ..</b>	<b>132475.75</b>	<b>36000.00</b>	<b>37762.93</b>	<b>41000.00</b>	<b>41000.00</b>

**SCHEME-WISE OUTLAYS AND EXPENDITURE DURING SEVENTH FIVE YEAR  
PLAN 1985-90 AND ANNUAL PLANS 1990-91 AND 1991-92**

(Rs. in lakh)

Sl. No.	Head Sub-Head of Development/ Scheme/ Project	Seventh Five Year Plan 1985-90 Actual Expenditure	Annual Plan-1990-91		Annual Plan-1991-92	
			Approved Outlay	Actual Exp.	Approved Outlay	Anticipated Exp.
1	2	3	4	5	6	7
<b>A.—ECONOMIC SERVICES :</b>						
<b>I. AGRICULTURE AND ALLIED SERVICES :</b>						
<b>A. AGRICULTURE :</b>						
<b>(I) CROP HUSBANDRY OTHER THAN DRY LAND FARMING AND INVESTMENT IN AGRICULTURE FINANCIAL INSTITUTIONS :</b>						
1.	Direction and Administration ..	122.99	21.75	30.70	25.00	25.00
2.	Multiplication and Distribution of Seed/Agril. Farms :					
	(i) Development of seed multiplication farms ..	70.76	3.74	13.60	11.50	11.50
	(ii) Construction of seed store ..	13.42	1.50	1.50	1.00	1.00
	(iii) Seed testing certification agency (GIA to Seed Certificate Agency) ..	12.00	4.00	4.00	5.00	5.00
	(iv) 100% Subsidy on transportation of cereals seeds ..	101.47	17.76	19.86	16.00	16.00
	(v) Improvement of Rice under special food-grain Production Programme. ..	—	1.00	1.00	21.50	21.50
	Sub-Total—2 ..	197.65	28.00	39.96	55.00	55.00
3.	MANURE AND FERTILIZER :					
	(i) Distribution of fertilizer ..	593.13	155.35	156.35	158.50	158.50
	(ii) Development of L. M. R. ..	5.98	0.10	0.10	—	—
	(iii) Soil Testing Centre ..	5.82	0.90	0.90	5.00	5.00
	(iv) Soil Testing Centre Kinnaur ..	6.72	1.00	1.00	1.00	1.00
	(v) Fertilizer Promotion ..	1.85	0.05	0.10	—	—
	(vi) Quality Control of Inputs ..	3.23	0.50	0.80	0.30	0.30
	(vii) National Project on Development of Fertilizer ..	1.99	—	—	1.00	1.00
	(viii) Opening of additional outlets ..	—	—	—	6.70	6.70
	Sub-Total—3 ..	618.72	157.90	159.25	172.50	172.50
	HIGH YIELDING VARIETIES :					
	(i) Intensive Agriculture Programme ..	58.32	9.10	7.75	12.00	12.00
	(ii) Dhauladhar Project/Changer Area ..	8.00	2.90	—	5.00	5.00
	Sub-Total—4 ..	66.32	12.00	7.75	17.00	17.00
5.	PLANT PROTECTION :	57.40	17.00	23.00	23.00	23.00
6.	COMMERCIAL CROPS :					
	(i) Development of seed potato ..	59.36	18.97	21.47	15.00	15.00
	(ii) Support price to potato ..	450.00	50.00	50.00	100.00	100.00
	(iii) Production of seed potato farms in Tribal Areas ..	29.20	16.00	16.00	8.00	8.00
	(iv) Development of vegetables including farms ..	41.63	10.12	7.97	9.40	9.40
	(v) Development of Ginger ..	47.27	2.83	3.33	3.00	3.00
	(vi) Development of soyabean, sunflower, Pulses and oilseeds ..	33.13	3.53	4.00	4.00	4.00

(Rs. in lakh)

1	2	3	4	5	6	7
(vii) Development of oil seed/pulses (50:50)	..	7.16	1.00	—	—	—
(viii) G. I. A. to Potato Development Board	..	0.11	0.05	—	0.10	0.10
(ix) Crop Insurance	..	6.50	50.00	10.00	5.00	5.00
(x) National oil seeds Development Project (50:50) Basis	—	10.43	3.50	3.50	5.50	5.50
(xi) Special scheme for the Development of Vegetable and vegetable seeds on a regd. Pattern Societies basis	..	—	—	—	25.00	25.00
(xii) Special scheme for the development of saffern	..	—	—	—	25.00	25.00
(xiii) Tissu culture Laboratory under I.H. D.P.	..	—	—	—	10.00	10.00
Sub-Total—6	..	684.79	156.00	116.27	210.00	210.00
7. SCHEME FOR ASSISTING THE SMALL AND MARGINAL FARMERS IN INCREASING THE AGRICULTURE PRODUCTION	..	116.41	17.25	16.45	172.50	172.50
8. EXTENSION AND FARMERS TRAINING :						
(i) Agriculture information service	..	3.44	0.15	0.50	4.50	4.50
(ii) Multiple cropping	..	4.73	1.37	1.37	1.50	1.50
(iii) Crop competition/Demonstrations on the field of S. C. Farms	..	0.04	6.10	6.00	6.00	6.00
(iv) Improvement of grass and fodder	..	0.87	—	0.10	—	—
(v) Farmers Training and Education	..	4.50	1.75	1.75	1.60	1.60
(vi) Additional Hotel accommodation at Mashobra/Sundernagar	..	1.84	0.75	0.75	0.40	0.40
(vii) Establishment of sale centre :	..	—	1.63	—	—	—
(a) G.S.T.C. Mashobra	..	11.57	5.00	1.78	6.00	6.00
(b) EEC Project for Women	..	—	2.00	—	2.00	2.00
(c) USAID Project	..	367.15	300.00	235.00	100.00	100.00
(viii) World Bank Assisted T & V Project	..	442.22	350.00	279.00	450.00	450.00
Sub-Total—8	..	836.36	668.75	526.25	572.00	572.00
9. AGRICULTURE ENGINEERING ...						
(i) Agriculture Implements and other machinery	..	31.08	5.00	7.10	12.00	12.00
(ii) G. I. A. to H. P. Agro. Industries	..	4.63	5.00	5.00	10.00	10.00
Sub-Total—9	..	35.71	10.00	12.10	22.00	22.00
10. AGRICULTURE ECONOMICS AND STATISTICS :						
(i) Planning and Evaluation Machinery	..	2.80	0.25	0.25	0.10	0.10
(ii) Timely Reporting scheme (50:50)	..	14.94	4.75	4.75	6.40	6.40
(iii) Improvement of Crop statistics (50:50)	..	10.21	3.00	3.00	3.50	3.50
Sub-Total—10	..	27.95	8.00	8.00	10.00	10.00
11. COMPOSITE TESTING LABORATORY	..	—	0.35	—	—	—
<b>TOTAL—CROP HUSBANDRY (AGRICULTURE)</b>	..	<b>2764.30</b>	<b>1097.00</b>	<b>939.73</b>	<b>1279.00</b>	<b>1279.00</b>
<b>B. HORTICULTURE :</b>						
<b>(1) CROP HUSBANDRY</b>						
1. Direction and Administration	...	24.94	4.00	7.17	5.00	5.00
2. Horticulture Farm and Nurseries	..	316.90	36.51	47.84	42.00	42.00
3. Plant Nutrition Scheme	..	18.97	5.00	4.06	5.50	5.50
4. Plant Production :						
(a) Pest and disease Control scheme	..	28.03	4.90	4.64	5.00	5.00
(b) Endemic Area Control Scheme	..	171.50	29.00	31.63	35.00	35.00
(c) Improved technology for quality apple production	..	40.36	—	—	—	—
Sub-Total—(4)	..	239.89	33.90	36.27	40.00	40.00

(Rs. in lakh)

1	2	3	4	5	6	7	
<b>5. HORTICULTURE EXTENSION AND TRAINING :</b>							
(a) Training of farmers	..	20.46	2.50	0.93	3.00	3.00	
<b>(b) Horticulture Extension Development :</b>							
(i) Development of fruit Production Scheme	..	190.15	22.99	24.93	23.00	23.00	
(ii) Horticulture Information Scheme	..	20.50	3.75	2.94	4.50	4.50	
(iii) Development of Bee keeping Scheme	..	29.62	5.75	31.37	6.50	6.50	
(iv) Development of Floriculture Scheme	..	23.09	5.00	3.77	5.00	5.00	
(v) Development of Hops	..	3.97	2.65	6.14	3.50	3.50	
(vi) Development of Mashroom	..	30.72	5.00	4.92	6.00	6.00	
(vii) National Agriculture Extension Project III	..	308.45	221.60	263.41	295.00	295.00	
(viii) N. A. E. P.-III-Sub Project	..	15.83	5.00	2.50	5.00	5.00	
Sub-Total—(5)		..	642.79	274.24	340.91	351.50	351.50
<b>6. EXTERNALLY AIDED PROJECTS :</b>							
(a) Indo-Italian Fruit Development Project	..	102.29	15.00	8.61	10.00	10.00	
(b) Indo-Dutch Mashroom Development Project	..	59.14	14.00	7.16	10.00	10.00	
(c) Hill Area land and Water Development Project (USAID Project)	..	59.28	56.00	29.29	20.00	20.00	
(d) Integrated Water Shed Development Project in Kandi Area	..	—	3.00	3.00	33.00	33.00	
(e) Indo-German Economic Development Project for Changer Area	..	—	1.00	—	1.00	1.00	
(f) Integrated Horticulture Development Project	..	—	81.00	—	53.00	53.00	
(g) Other project (Chamba Valley)	..	11.35	—	—	1.00	1.00	
Sub-Total—(6)		..	232.06	170.00	48.06	128.00	128.00
7. Assistance to Small & Marginal Farmers	..	198.11	35.00	32.69	40.00	40.00	
8. Assistance to Farming Corporation	..	—	—	—	50.00	50.00	
9. Horticulture Economics and statistics	..	7.06	2.00	5.03	3.00	3.00	
10. Fruit Processing and Utilization	..	167.73	25.00	34.51	30.00	30.00	
11. Other Hort. Development Scheme	..	—	0.35	0.35	1.00	1.00	
<b>TOTAL—CROP HUSBANDRY (HORTICULTURE)</b>		..	<b>1848.45</b>	<b>586.00</b>	<b>556.89</b>	<b>696.00</b>	<b>696.00</b>
<b>(C) DRYLAND FARMING</b>	..	<b>178.27</b>	<b>25.00</b>	<b>24.89</b>	<b>25.00</b>	<b>25.00</b>	
<b>Total—Crop Husbandry</b>		..	<b>4791.02</b>	<b>1708.00</b>	<b>1521.51</b>	<b>2000.00</b>	<b>2000.00</b>
<b>2. SOIL AND WATER CONSERVATION</b>							
<b>(A) AGRICULTURE :</b>							
(i) Soil and Land use survey	..	4.20	1.00	0.42	1.00	1.00	
(ii) Soil & Water Conservation on Agril. land S. C.	..	142.73	21.00	23.44	25.00	25.00	
(iii) Soil and Water Conservation on Agril. land other than Tribal Areas	..	281.08	41.10	55.76	41.90	41.90	
(iv) Soil and Water Conservation on Agril. land Tribal Areas	..	53.77	24.00	13.23	40.00	40.00	
(v) Massive Assistance to Small and Marginal Farmers for Increasing Production	..	49.83	32.50	17.87	—	—	
(vi) Kandi Area Project	..	—	35.00	25.00	48.00	48.00	
(vii) Grant of Soil Conservation loan written off	..	—	0.40	—	0.10	0.10	
(viii) National Watershed Management (50:50)	..	17.76	20.00	16.89	40.00	40.00	
(ix) Construction of water storage structured under Dry Land Farming	..	56.98	—	—	19.00	19.00	
(x) Changer Area	..	—	14.00	—	5.00	5.00	
Sub-Total—(A)		..	606.35	189.00	152.61	220.00	220.00

(Rs. in lakh)

1	2	3	4	5	6	7
<b>(B) FOREST :</b>						
((i) Establishment including spillover from C.S.S. and Contingencies etc.	..	287.76	75.00	73.09	85.00	85.00
((ii) Education and Training	..	15.32	—	—	—	—
((iii) Protective Afforestation and Demonstration	..	98.95	26.00	28.70	20.00	20.00
((iv) Maintenance of old Areas	..	101.20	—	—	—	—
((v) Revamping of Land use Board	..	4.39	1.00	0.59	1.00	1.00
((vi) Preparation of Project Integrated Development of Kandi areas (Shivalik Project) (State share)	..	23.39	10.00	10.00	—	—
((vii) Soil Conservation Activities in Changer Project	..	—	6.00	—	5.00	5.00
((viii) Dhauladhar Farm Forestry Project (State share)	..	20.16	—	—	—	—
((ix) Giri Project (State Share)	..	8.77	—	—	—	—
((x) Forest Department Share for Bakloh land slip in Chamba District	..	1.30	—	—	—	—
((xi) Water Harvesting Structure	..	—	7.00	—	10.00	10.00
((xii) Integrated Self reliant village level Development Project on society basis Provision of seed money (New scheme)	..	—	—	—	19.00	19.00
Sub-Total—(B)	..	561.24	125.00	112.38	140.00	140.00
<b>Total—Soil and Water Conservation</b>	..	<b>1167.59</b>	<b>314.00</b>	<b>264.99</b>	<b>360.00</b>	<b>360.00</b>
<b>3. ANIMAL HUSBANDRY :</b>						
<b>I. DIRECTION AND ADMINISTRATION :</b>						
1 Special Project cell at Headquarters (50:50) CSS	..	6.82	1.50	1.45	1.68	1.68
2 Strengthening of Zonal Offices	..	1.89	1.40	1.18	1.60	1.60
3 Construction of expenditure on Headquarters Establishment	..	—	1.35	1.55	1.95	1.95
Sub-Total—(I)	..	8.71	4.25	4.18	5.23	5.23
<b>II. EDUCATION AND TRAINING :</b>						
1 Grant-in-aid to Vety. Council (50:50) CSS	..	1.90	0.50	0.50	0.50	0.50
2 Award of scholarship/stipend for Vety. Pharmacists and Farmers	..	1.32	0.20	0.08	0.20	0.20
Sub-Total—(II)	..	3.22	0.70	0.58	0.70	0.70
<b>III. VETERINARY SERVICES AND ANIMAL HEALTH:</b>						
1 (Cont. of exp. on CSSF & MD Surveillance disease Rinderpest and Animal disease etc. Scheme national importance No. 1, 2, 6 & 7 (50:50) CSS	..	11.67	3.50	3.74	3.60	3.60
2 (Cont. of exp. on vety. Sub Divisional Hospital/ vety. Hospitals and Dispensaries etc. scheme No. (4, 5, 8, 9, 10, 11 & 12)	..	100.30	33.15	61.10	35.47	35.47
3 Minor works	..	8.90	2.00	2.00	2.00	2.00
Sub-Total—(III)	..	120.87	38.65	66.84	41.07	41.07
<b>IV. ADMINISTRATION INVESTIGATION AND STATISTICS :</b>						
1 Cont. of Exp. on Sample Survey Scheme on Animal Project (50:50) C.S.S	..	11.41	5.00	5.01	5.00	5.00
Sub-Total—(IV)	..	11.41	5.00	5.01	5.00	5.00

(Rs. in lakh)

1	2	3	4	5	6	7
<b>(V) CATTLE AND BUFFALOES DEVELOPMENT:</b>						
1	Assistance for small and marginal farmers for raising Cross breed Cows (50:50) C.S.S.	18.35	5.10	6.03	5.10	5.10
2	Cont. of exp. on Frozen semen Lab. Bank strengthening of existing Cattle breeding Farming I C D P etc. and exp. on existing Cattle Farms.	117.72	16.70	23.63	12.47	12.47
3	Training of farmers and Holding of Calf Rallies	0.70	0.10	0.16	0.10	0.10
4	Cont. of exp. on Gosadans	2.08	0.20	0.30	0.20	0.20
	<b>Sub-Total—(V)</b>	<b>138.85</b>	<b>22.10</b>	<b>30.12</b>	<b>17.87</b>	<b>17.87</b>
<b>(VI) POULTRY DEVELOPMENT :</b>						
1	Cont. of exp. on Project for poultry Development self-employment in Shimla, Una and Bilaspur district for weaker section (50:50) C.S.S.	18.12	4.50	6.79	5.00	5.00
2	Cont. of exp. on strengthening of existing poultry Farms	26.65	4.50	7.77	3.40	3.40
	<b>Sub-Total—(VI)</b>	<b>44.77</b>	<b>9.00</b>	<b>14.56</b>	<b>8.40</b>	<b>8.40</b>
<b>C. (VII) SHEEP AND WOOL DEVELOPMENT :</b>						
1	C.S.S. Sheep Production in Sirmour District	1.39	0.45	0.38	0.45	0.45
2	Cont. of exp. on strengthening of Sheep Farm Extension Centres & Estt. of Ram Centres Sheep Disease Control	17.61	3.60	4.95	2.60	2.60
3	Grant-in-aid to H.P. Wool Federation	5.00	—	—	—	—
	<b>Sub-Total—(VII)</b>	<b>24.00</b>	<b>4.05</b>	<b>5.33</b>	<b>3.05</b>	<b>3.05</b>
<b>(VIII) OTHER LIVESTOCK :</b>						
(i)	Exp. on horse breeding units and subsidy for Production for mule (50:50) C.S.S.	7.88	2.00	1.95	2.15	2.15
(ii)	Cont. of exp. on Angora Rabbit Fur, Animals Production and Pilot scheme, special Development Project for Sheep/Angora Rabbit Development on the lines for Registered Societies provision of seed money	10.74	2.00	3.28	5.60	5.60
	<b>Sub-Total—(VIII)</b>	<b>18.62</b>	<b>4.00</b>	<b>5.23</b>	<b>7.75</b>	<b>7.75</b>
<b>(IX) FEED AND FODDER DEVELOPMENT :</b>						
(i)	Cont. of exp. on fodder seed, Planting material Production, Fodder Conservation and minor works C.S.S.	2.39	5.10	4.56	5.00	5.00
(ii)	Cont. of exp. on Indo-German Eco. Development Project Changer Area and Integrated Watershed Development Project Kandi Area (World Bank) Grant-in-aid.	0.21	7.00	5.00	8.00	8.00
	<b>Sub-Total—(IX)</b>	<b>2.60</b>	<b>12.10</b>	<b>9.56</b>	<b>13.00</b>	<b>13.0</b>
<b>(X) VETERINARY RESEARCH:</b>						
(i)	Cont. of exp. on epidemiological studies, vaccination against Foot & Mouth diseases for Cross breed exotic animals	6.76	2.20	2.53	2.53	2.53
	<b>Sub-Total—(X)</b>	<b>6.76</b>	<b>2.20</b>	<b>2.53</b>	<b>2.53</b>	<b>2.53</b>

(Rs. in lakh)

1	2	3	4	5	6	7
<b>(XI) WELFARE OF SCHEDULED CASTES SPECIAL COMPONENT PLAN :</b>						
(i)	Supply of milch animals feed etc. on subsidy .. ..	118.19	Scheme transferred to Rural development Department.			
(ii)	Cont. of exp. on estt. of Vety. Hospital/ vety. Dispensaries ..	45.89	29.40	31.78	42.00	42.00
(iii)	Education and Training Grant-in-aid to H. P. Woolfed ..	0.49	0.50	0.05	13.50	13.50
(iv)	Breeding facilities for Cattle & Buffaloes Development. ..	14.87	37.60	36.55	32.50	32.50
(v)	Capital outlay (Buildings) ..	66.28	12.50	12.50	10.00	10.00
Sub-Total—(XI) ..		245.72	80.00	80.88	98.00	98.00
<b>(XII) DEVELOPMENT OF BACKWARD AREAS :</b>						
(i)	Cont. of expenditure on extension of vety. Dispensaries and opening of 10 New Dispensaries and 5 Veterinary Hospitals ..	27.98	7.36	8.52	8.93	8.93
(ii)	Breeding facilities for Cattles and Buff. Training & Education and holding of cattle shows ..	11.48	5.44	5.10	5.94	5.94
(iii)	Capital outlay Buildings ..	22.60	5.66	5.66	6.19	6.19
(iv)	Popularisation of Rabbits, Sheep Production and Marketing of wool Extension centres Grant-in-aid to Himachal Pradesh Wool Fedration ..	8.87	7.14	7.42	6.94	6.94
Sub-Total—(XII) ..		70.93	25.60	26.70	28.00	28.00
<b>(XIII) TRIBAL SUB-PLAN:</b>						
(i)	Cont. of exp. on direction and administration and its strengthening ..	1.93	1.50	2.65	2.00	2.00
(ii)	Cont. of exp. on estt. of Veterinary Hospital and Dispensaries and Mobile Veterinary Dispensaries ..	38.97	23.70	24.58	25.00	25.00
(iii)	Breeding facilities and holding of shows/ Competitions and Special Development Project for sheep/Angora rabbits Development on the line of registred societies ..	0.13	0.20	0.15	6.00	6.00
(iv)	Cont. of expenditure on strengthening of sheep farms Karchham, extension centres, Transit camps and Popularisations of sheep Rabbits Pashmina Goat sheep health covers and G. I. A. to H. P. Wool Fed. ..	11.34	9.60	22.12	7.00	7.00
(v)	Popularisation of Poultry Production ..	7.89	2.00	2.38	3.00	3.00
(vi)	Capital works (Buildings) ..	19.60	3.00	4.24	3.00	3.00
Sub-Total—(XIII) ..		79.86	40.00	56.12	46.00	46.00
<b>(XIV) CAPITAL OUTLAY (BUILDINGS) :</b>						
(i)	Cont. of exp. on Construction of Buildings (Non-Tribal) ..	48.12	8.00	24.00	5.00	5.00
Sub-Total—(XIV) ..		48.12	8.00	24.00	5.00	5.00
(XV)	Publicity : ..	—	0.10	0.10	0.12	0.12
(XVII)	Composite Testing Laboratory Kandaghat ..	—	0.25	0.25	0.28	0.28
Sub-Total of Publicity and Composite Testing Laboratory ..		—	0.35	0.35	0.40	0.40
<b>GRAND-TOTAL—ANIMAL HUSBANDRY ..</b>		<b>824.44</b>	<b>256.00</b>	<b>331.99</b>	<b>282.00</b>	<b>282.00</b>



(Rs. in lakh)

1	2	3	4	5	6	7
<b>4. DAIRY DEVELOPMENT :</b>						
<b>1. GENERAL :</b>						
(i)	Strengthening of Dairy cell at Headquarters ..	4.50	0.44	0.32	0.60	0.60
(ii)	Strengthening of M S S Kangra Cont. of exp. ..	72.30	8.00	16.03	8.00	8.00
(iii)	Strengthening of MSS Kullu Cont. of Exp. ..	10.54	2.00	0.77	2.00	2.00
(iv)	Cont. of exp. on strengthening of M S S Chamba ..	3.26	2.00	0.93	1.15	1.15
(v)	Cont. of exp. on strengthening of M. S. S. Shimla District, Kepu (outer Seraj), Rohru, Chopal, Kot Khai, Sainj and Nathpa-Jhakri ..	5.12	2.50	1.89	2.50	2.50
(vi)	Cont. of exp. on Incentive reward to Youth under Dairy Development programme and special Project on Dairy Development on the line of Registered societies of seed money and funds allocated to economic services H. P. Sectt. ..	17.19	3.46	2.48	8.75	8.75
(vii)	Grant-in-aid to H. P. Milkfed including Sch. Caste Component Plan ..	23.00	65.00	65.70	65.00	65.00
(viii)	Capital outlay ..	119.15	6.60	6.60	7.00	7.00
	<b>Sub-Total—I</b> ..	<b>255.06</b>	<b>90.00</b>	<b>94.72</b>	<b>95.00</b>	<b>95.00</b>
<b>TRIBAL SUB-PLAN :</b>						
(i)	Cont. of exp. and strengthening of M S S Kinnaur (Peo & Sungra) ..	15.82	6.00	3.29	8.00	8.00
(ii)	Capital outlay (Buildings) ..	19.50	4.00	4.00	2.00	2.00
	<b>Sub-Total—II</b> ..	<b>35.32</b>	<b>10.00</b>	<b>7.29</b>	<b>10.00</b>	<b>10.00</b>
	<b>TOTAL—DAIRY DEVELOPMENT</b> ..	<b>290.38</b>	<b>100.00</b>	<b>102.01</b>	<b>105.00</b>	<b>105.00</b>
<b>5. FISHERIES :</b>						
(i)	Direction and Administration ..	32.32	8.16	8.00	9.54	9.54
(ii)	Inland Fisheries ..	185.56	73.79	100.33	85.22	85.22
(iii)	Processing Preservation and Marketing ..	27.92	3.20	3.47	5.10	5.10
(iv)	Education and Training ..	31.65	6.85	6.12	11.04	11.04
(v)	Creation of Risk fund ..	—	—	—	0.10	0.10
(vi)	Scheduled Caste/Scheduled Tribal Sub-Plan ..	52.32	26.00	13.43	29.00	29.00
	<b>Total—FISHERIES</b> ..	<b>329.77</b>	<b>118.00</b>	<b>131.35</b>	<b>140.00</b>	<b>140.00</b>
<b>6. FORESTRY AND WILD LIFE :</b>						
<b>(a) FORESTRY :</b>						
1.	Direction and Administration ..	48.34	12.00	82.61	15.00	15.00
2.	Statistics ..	24.77	5.50	5.14	6.00	6.00
<b>3. Extension and Training :</b>						
(a)	Extension and Publicity ..	40.33	10.00	8.76	13.00	13.00
(b)	Education and Training ..	12.35	2.50	1.42	3.18	3.18
(c)	Forestry Research and Training ..	10.73	1.50	2.37	1.82	1.82
	<b>Sub-Total—(3)</b> ..	<b>63.41</b>	<b>14.00</b>	<b>12.55</b>	<b>18.00</b>	<b>18.00</b>
<b>4. Survey of Forest Produces :</b>						
(a)	Survey of Forest Resources including setting-up of remote sensing cell ..	28.65	1.00	—	2.00	2.00
	<b>Sub-Total—(4)</b> ..	<b>28.65</b>	<b>1.00</b>	<b>—</b>	<b>2.00</b>	<b>2.00</b>

I	2	3	4	5	6	7
<b>5. Forest Conservation and Development :</b>						
(a) Survey and Demarcation ..		163.05	100.00	90.53	110.00	110.00
(b) Working Plan organization ..		51.80	10.00	16.11	13.00	13.00
<b>(c) Forest Protection :</b>						
(i) State scheme ..		84.93	10.00	13.73	10.00	10.00
(ii) C. S. S. Development and Infrastructure for protection of forests from Biotic Interference (State Share) ..		1.89	5.00	—	5.00	5.00
(iii) Development of Trekking Routes ..		—	5.00	1.50	5.00	5.00
Sub-Total—(5) ..		301.67	130.00	121.87	143.00	143.00
<b>6. Social and Farm Forestry :</b>						
(i) National Social Forestry (Umbrella Project) ..		5700.63	1800.00	1783.67	2260.00	2260.00
(ii) Rural Fuel Wood Plantation (C. S. S.) ..		563.05	—	—	—	—
(iii) Plantation of fuel/Fruits trees for small and marginal Farmers ..		8.88	—	—	—	—
(iv) Indo-German Dhauladhar Project ..		214.45	—	—	—	—
(v) Forestry Extension under USAID Project ..		171.71	60.00	78.00	70.00	70.00
(vi) C. S. S. Fuel/Fodder Project Scheme ..		—	105.00	53.79	115.00	115.00
(vii) Indo-German Eco-Development Project (Changer Area) ..		—	25.00	—	10.00	10.00
(viii) World Bank Aided Watershed Development Project for Kandi Area ..		—	50.00	29.08	90.00	90.00
(ix) C. S. S. Silvi Pastoral Scheme ..		7.62	—	—	—	—
Sub-Total—(6) ..		6666.34	2040.00	1944.54	2545.00	2545.00
<b>7. Production Forestry :</b>						
(i) Quick Growing species ..		825.77	120.00	124.67	120.00	120.00
(ii) Economic Plantations ..		881.43	108.00	113.64	120.00	120.00
(iii) Re-generation of chilgoza pines ..		10.88	3.00	2.03	3.00	3.00
Sub-Total—(7) ..		1718.08	231.00	240.34	243.00	243.00
<b>8. Pasture Improvement</b> ..		162.42	25.00	24.75	35.00	35.00
Total—Social & Farm Forestry (6,7&8) ..		8546.84	2296.00	2209.63	2823.00	2823.00
<b>9. Forest Produce</b> ..		36.72	2.50	2.63	3.00	3.00
<b>10. Equity share to H.P. State Forest Corporation</b> ..		650.00	—	—	—	—
<b>11. Communication and Buildings :</b>						
(a) Communication ..		237.21	40.00	50.33	55.00	55.00
(b) Buildings ..		198.61	60.00	52.33	65.00	65.00
Sub-Total—(11) ..		435.82	100.00	102.66	120.00	120.00
<b>12. Amenities to staff and Labour</b> ..		13.08	4.00	3.10	5.00	5.00
<b>TOTAL—FORESTRY SCHEME</b> ..		10149.30	2565.00	2540.19	3135.00	3135.00
<b>(b) WILD LIFE :</b>						
<b>State Sector Scheme</b>						
1. Other Exp. ..		11.02	12.00	12.00	10.00	10.00
2. Improvement & Developmet of Wild Life Sanctuaries ..		112.97	23.54	22.54	25.60	25.60
<b>3. Zoological Park :</b>						
Development of Himalayan Zoological Park ..		81.88	27.61	27.61	29.40	29.40
<b>Central Sector Scheme :</b>						
1. Intensive management of Wild Life Sancturries ..		70.30	22.82	21.82	28.94	28.94
2. Awareness for nature and wild life Conservation amongst Youth ..		13.39	2.12	2.12	3.97	3.97

(Rs. in lakh)

1	2	3	4	5	6	7
3.	Captive Breeding and Rehabilitation Programme for endangered Species ..	7.79	4.86	4.86	12.30	12.30
4.	Control of Poaching and illegal trade ..	3.45	—	—	2.00	2.00
5.	Establishment of Great Himalyan National Park Kullu ..	5.78	7.85	7.85	9.07	9.07
6.	Establishment of Pin Valley National Park ..	2.34	4.20	3.20	3.72	3.72
	<b>TOTAL—WILD LIFE ..</b>	<b>308.92</b>	<b>105.00</b>	<b>102.00</b>	<b>125.00</b>	<b>125.00</b>
	<b>TOTAL—FORESTRY AND WILD LIFE ..</b>	<b>10458.22</b>	<b>2670.00</b>	<b>2642.19</b>	<b>3260.00</b>	<b>3260.00</b>
<b>7. AGRICULTURE, RESEARCH AND EDUCATION :</b>						
<b>(a)—AGRICULTURE:</b>						
	(i) G. I. A. to H. P. Agril. University for Education	143.40	70.00	53.02	76.00	76.00
	(ii) G. I. A. to H. P. Agril. University for Research	224.12	57.00	78.37	75.00	75.00
	Sub-Total(a) ..	367.52	127.00	131.39	151.00	151.00
	(b) G.I.A. to HORTICULTURE ..	482.51	127.00	138.64	140.00	140.00
	(c) G.I.A. to ANIMAL HUSBANDRY ..	199.61	83.00	83.00	98.00	98.00
	(d) G.I.A. to FORESTS ..	214.59	88.00	92.54	105.00	105.00
	(e) G.I.A. to FISHERIES ..	18.00	5.00	5.00	6.00	6.00
	Total—(a to e) ..	1282.23	430.00	450.57	500.00	500.00
<b>8. INVESTMENT IN AGR. FINANCIAL INSTITUTIONS :</b>						
	(a) Agriculture ..	29.00	10.00	10.00	10.00	10.00
	(b) Horticulture ..	1755.24	123.00	323.00	123.00	123.00
	Total—8 ..	1784.24	133.00	333.00	133.00	133.00
<b>9. MARKETING AND QUALITY CONTROL :</b>						
<b>(a) Agriculture Marketing:</b>						
	(i) Regulated Markets ..	70.10	19.05	21.00	27.00	27.00
	(ii) G. I. A. to Market Board ..	32.00	1.00	1.00	3.00	3.00
	(iii) Grading Service ..	1.81	3.95	0.45	5.00	5.00
	Sub-Total—(a) ..	103.91	24.00	22.45	35.00	35.00
<b>(b) Horticulture Marketing :</b>						
	(i) General Marketing Scheme ..	18.82	5.00	3.54	5.00	5.00
	(ii) Subsidy on Carton/Support Price etc.to HPMC ..	4051.27	470.00	754.26	455.00	455.00
	(iii) Farmer's House at Delhi ..	—	—	—	5.00	5.00
	Sub-Total—(b) ..	4070.09	475.00	757.80	465.00	465.00
	Total (a+b) ..	4174.00	499.00	780.25	500.00	500.00
<b>10. LOANS TO CULTIVATORS OTHER THAN HORTICULTURE LOANS</b>						
	..	5.00	1.00	1.00	1.00	1.00
<b>11. CO-OPERATION :</b>						
	(i) Direction and Administration ..	107.94	25.00	48.44	25.50	25.50
<b>(ii) Training &amp; Education :</b>						
	(a) Training & Education ..	62.75	25.00	25.85	27.10	27.10
	(b) Exhibition Study Tour & Seminars ..	—	2.00	1.15	2.20	2.20
	Sub-Total—(ii) ..	62.75	27.00	27.00	29.30	29.30

(Rs. in lakh)

1	2	3	4	5	6	7
(iii) Audit of Co-operatives ..		69.85	20.00	23.28	24.00	24.00
<b>(iv) Credit Cooperatives :</b>						
(a) Share Capital to multipurpose rural Coops.		18.32	7.00	7.90	7.70	7.70
(b) Managerial subsidy to P. A. C.s, ..		49.95	10.00	9.81	11.00	11.00
(c) Interest subsidy to credit Co-ops. ..		41.27	12.00	9.94	13.20	13.20
(d) G. I. A. to write off loans ..		—	—	200.00	—	—
(e) Share capital to Apex/Central Co-op Banks..		24.93	2.00	1.50	2.20	2.20
(f) Share Capital to Apex/PLDBs ..		45.99	3.00	2.50	3.30	3.30
(g) Share Capital to Urban Banks ..		0.75	—	0.50	—	—
(h) Managerial subsidy to Apex/Central Co-op. Banks ..		6.71	0.30	0.50	0.30	0.30
(i) Managerial subsidy to Apex/PLDBs ..		5.00	0.70	0.70	0.80	0.80
(j) Agriculture Gurantee Relief Fund. ..		2.50	—	—	—	—
Sub-Total—(iv) ..		195.42	35.00	233.35	38.50	38.50
<b>(v) Warehousing Marketing and Storage :</b>						
(a) Share capital to Mktg. Co-ops ..		57.77	11.50	12.20	7.50	7.50
(b) Managerial subsidy to marketing Co-ops ..		13.68	2.50	2.60	2.50	2.50
(c) Subsidy & Price Fluctuation Fund ..		10.62	0.50	0.38	0.95	0.95
Sub-Total—(v) ..		82.07	14.50	15.18	10.95	10.95
<b>(vi) Processing Cooperatives</b>						
(a) Share Capital to Processing Co-ops ..		78.08	5.00	3.50	5.00	5.00
(b) Managerial subsidy to Processing Co-ops ..		9.44	2.00	1.85	1.20	1.20
(c) Cont. subsidy to tea factories ..		22.19	5.00	—	2.00	2.00
(d) Subsidy for training of tea growers ..		2.00	—	—	—	—
Sub-Total—(vi) ..		111.71	12.00	5.35	8.20	8.20
<b>(vii) Consumer Co-operatives :</b>						
(a) Share Capital to consumer Co-operatives ..		42.08	4.00	4.17	4.50	4.50
(b) Managerial subsidy/Furniture Fixture subsidy ..		5.01	1.00	0.97	1.00	1.00
(c) Interest subsidy to Consumer Co-op. ..		18.04	3.00	3.93	3.50	3.50
(d) Subsidy for const. of marketing and Rural Godowns. ..		97.31	0.50	1.29	0.35	0.35
Sub-Total—(vii) ..		162.44	8.50	10.36	9.35	9.35
<b>(viii) Fishermen Co-operatives :</b>						
(a) Share Capital to Fishermen Co-ops ..		2.55	0.60	0.50	0.70	0.70
(b) Managerial subsidy to fisheries Co-op. ..		2.91	0.40	0.50	0.40	0.40
Sub-Total—(viii) ..		5.46	1.00	1.00	1.10	1.10
<b>(ix) Industrial Co-operatives :</b>						
(a) S/Capital to Ind. Co-ops. ..		25.14	5.00	5.48	5.50	5.50
(b) M/subsidy to ind. Co-ops ..		12.88	3.00	3.47	3.30	3.30
(c) Interest subsidy to weavers ..		0.02	—	—	—	—
Sub-Total—(ix) ..		38.04	8.00	8.95	8.80	8.80
<b>(x) Dairy Co-operatives :</b>						
(a) S/Capital to Dairy Co-ops ..		2.00	—	—	—	—
(b) M/subsidy to Dairy Co-ops ..		7.37	0.50	0.50	0.70	0.70
(c) Subsidy for Const. of Milk Booths ..		4.00	0.50	0.50	0.40	0.40
Sub-Total—(x) ..		13.37	1.00	1.00	1.10	1.10
<b>(xii) Housing Co-operatives :</b>						
(a) S/Capital to Housing Co-ops ..		31.50	5.50	5.50	5.70	5.70
(b) M/subsidy to Housing Co-ops ..		8.82	1.50	1.44	2.00	2.00
Sub-Total—(xi) ..		40.32	7.00	6.94	7.70	7.70

(Rs. in lakh)

1	2	3	4	5	6	7
<b>(xii) Labour and Const. Co-operatives :</b>						
	(a) S/Capital to Labour Construction Co-operative	0.60	0.30	0.05	0.35	0.35
	(b) M/subsidy to Labour and const. Co-operative	0.21	0.20	0.20	0.20	0.20
	Sub-Total—(xii)	0.81	0.50	0.25	0.55	0.55
<b>xiii. Other Co-operatives :</b>						
<b>(a) Poultry Co-ops :</b>						
	(i) S/Capital to Poultry co-ops	0.70	0.30	—	0.35	0.35
	(ii) M/subsidy to Poultry co-ops	0.15	0.20	—	0.20	0.20
	Sub-Total—xiii-(a)	0.85	0.50	—	0.55	0.55
<b>(b) Transport Co-ops :</b>						
	(i) S/capital to transport co-ops	1.75	0.75	0.75	0.80	0.80
	(ii) M/subsidy to transport co-ops	0.50	0.25	0.23	0.30	0.30
	Sub-Total—xiii—(b)	2.25	1.00	0.98	1.10	1.10
<b>xiv. Wool Co-operatives :</b>						
	(a) S/capital to wool co-ops	—	0.50	—	0.55	0.55
	(b) M/subsidy to wool co-ops	—	0.25	—	0.27	0.27
	Sub-Total—xiv	—	0.75	—	0.82	0.82
<b>xv. Forest Co-operatives :</b>						
	(a) M/subsidy to forest co-ops	—	1.50	—	1.65	1.65
<b>xvi. Floriculture Co-operatives :</b>						
	(a) S/Capital to floriculture co-ops	—	0.50	—	0.55	0.55
	(b) M/subsidy to floriculture co-ops	—	0.25	—	0.28	0.28
	Sub-Total—xvi	—	0.75	—	0.83	0.83
<b>xvii Fruit and Vegetables Project :</b>						
	(a) S/capital to F & V. Project	—	5.00	—	15.00	15.00
<b>xviii. Vanaspati Project :</b>						
	(a) S/capital to Vanaspati Project	—	20.00	20.00	15.00	15.00
<b>xix. Tea Development Project :</b>						
	(a) S/Capital to tea Development Project (State share)	—	8.00	—	15.00	15.00
	<b>Total-Co-operation</b>	893.28	197.00	402.08	215.00	215.00
	<b>Total—I</b>	26000.17	6426.00	6960.94	7496.00	7496.00
<b>II. RURAL DEVELOPMENT :</b>						
<b>1. SPECIAL PROGRAMME FOR RURAL DEVELOPMENT :</b>						
<b>(a) Integrated Rural Development Programme (IRDP)</b>						
	(i) Assistance to blocks (subsidy) including exp. on TRYSEM and Admn. Exp.	1149.29	103.50	169.37	103.50	103.50
	(ii) TRYSEM infrastructure	16.05	4.00	4.14	4.00	4.00
	(iii) DWCRA	30.80	15.00	21.24	15.00	15.00
	(iv) Strengthening of B. L. A./ State Monitoring Cell	—	6.00	—	6.00	6.00
	(v) State Institute of Training and Research in R. D.	—	7.50	—	7.50	7.50
	(vi) State Institute of Training in Rural Development	—	—	—	6.00	6.00
	<b>Total-(a)—IRDP</b>	1196.14	136.00	194.75	142.00	142.00

(Rs. in lakh)

1	2	3	4	5	6	7
(b) Antyodaya (Subsidy to Non-SC/ST Antyodaya families)	..	—	—	—	118.00	118.00
(c) Integrated Rural Energy Programme (IREP)						
(i) Institutional Mechanism	..	61.96	19.40	19.40	19.00	19.00
(ii) Project Implementation	..	169.68	44.60	44.60	57.00	57.00
(iii) Training & Motivation	..	1.99	6.00	6.00	4.00	4.00
Sub-Total—(c)I. R. E.P.	..	233.63	70.00	70.00	80.00	80.00
Total-Rural Development	..	1429.77	206.00	264.75	340.00	340.00
2. (i) National Rural Employment Programme (N. R. E. P.)	..	792.16	—	—	—	—
(ii) Special Employment Programme	..	—	—	—	246.00	246.00
3. Jawahar Rozgar Yojna	..	228.55	254.00	301.74	254.00	254.00
Total—2 & 3	..	1020.71	254.00	301.74	500.00	500.00
<b>3. LAND REFORMS :</b>						
(i) Cadestral Survey & Record of Rights	..	955.48	245.00	267.53	276.00	276.00
(ii) Supporting Services	..	4.50	1.00	1.00	1.00	1.00
(iii) Consolidation of Holdings	..	521.58	138.00	153.00	153.00	153.00
(iv) Strengthening of L. R. A.	..	232.66	80.00	120.73	102.00	102.00
(v) Revenue Housing	..	39.15	5.00	5.00	5.00	5.00
(vi) Forest Settlement	..	117.35	31.00	30.92	34.00	34.00
Total—Land Reforms	..	1870.72	500.00	578.18	571.00	571.00
<b>4. COMMUNITY DEVELOPMENT :</b>						
(i) G. I. A. to Panchayat Samities under General Education	..	32.70	—	—	7.00	7.00
(ii) G. I. A. under Social Education	..	32.45	10.00	12.15	7.00	7.00
(iii) G. I. A. under Communication	..	16.30	—	4.20	3.45	3.45
(iv) Staff Component Salary	..	130.31	33.60	32.50	35.00	35.00
(v) (a) Construction of residential building/Gram Sewak Huts	..	—	5.00	7.26	—	—
(b) Construction/Completion of on going buildings	..	41.91	11.00	9.95	20.00	20.00
(vi) Technical Education	..	38.92	13.00	10.90	13.00	13.00
(vii) Composite Programme	..	—	2.40	2.24	5.00	5.00
(viii) Strengthening of engineering services at Supervisory level	..	5.73	—	—	—	—
(ix) Minor Irrigation & Land reclamation	..	—	10.00	10.23	10.00	10.00
(x) Health and Sanitation	..	—	—	—	5.00	5.00
(xi) Animal Husbandry	..	—	—	2.49	—	—
(xii) USAID Project for minor Irrigation	..	91.47	—	—	16.00	16.00
(xiii) USAID programme with UNICEF assistance	..	13.00	—	—	—	—
(xiv) Misc. UNICEF Programme	..	—	10.00	—	5.55	5.55
Total—(C. D.)	..	402.79	95.00	91.92	127.00	127.00
<b>5. PANCHAYATS</b>						
(1) Honorarium	..	47.68	50.00	48.15	51.00	51.00
(2) Purchase of Library Books	..	4.25	5.00	5.00	5.00	5.00
(3) Zila Parishad Bhawan Panchayat Bhawan	..	33.96	5.00	5.00	10.00	10.00
(4) Municipal Functions	..	8.50	5.00	4.99	10.00	10.00
(5) Loans for the creation of remunerative assets	..	10.98	2.00	1.50	10.00	10.00
(6) House Tax	..	24.17	2.00	2.00	2.00	2.00
(7) Repairs of Panchayat Ghars	..	52.90	1.00	1.00	2.50	2.50
(8) Panchayati Raj Training Institution Mashobra/Bajjnath	..	8.58	1.00	1.00	2.50	2.50
(9) Panchayat Prize Competition	..	1.35	—	—	—	—
(10) Scheduled Caste Component Plan	..	1.00	—	—	—	—
(11) Purchase of Jeep	..	1.56	—	—	—	—
Total—Panchayats	..	194.93	71.00	68.64	93.00	93.00
Total—II	..	4918.92	1126.00	1305.23	1631.00	1631.00

1	2	3	4	5	6	7
<b>III. SPECIAL AREA PROGRAMMES</b>						
<b>IV. IRRIGATION AND FLOOD CONTROL</b>						
<b>(a) MAJOR AND MEDIUM IRRIGATION :</b>						
(i)	Major Irrigation Project Shahnehar	257.23	54.00	75.68	57.00	57.00
(ii)	Medium Irrigation Project Balh Valley in District Mandi	586.36	141.00	145.29	50.00	50.00
(iii)	Medium Irrigation Project Bhabour Sahib-Phase-II in Una district	61.47	60.00	60.56	127.00	127.00
(iv)	Kirpal Chand Kuhal from Neogal Khad in Kangra district	—	2.00	0.50	35.00	35.00
(v)	Phina Singh Project in Kangra district	3.79	1.00	1.42	1.00	1.00
(vi)	Sidhata Irrigation Project in Kangra district	1.42	0.50	0.50	1.00	1.00
(vii)	(a) Beet Illaqua Irrigation Project in Una district	0.08	0.50	—	1.00	10.00
	(b) Changar area Project in Bilaspur	—	2.00	0.10	—	—
(viii)	Sarwar Khad Irrigation Project in Kullu district	0.41	1.00	—	1.70	1.70
(ix)	Nahan Foundry	—	—	—	25.00	25.00
(x)	Publicity	—	3.00	—	3.30	3.30
(xi)	Survey and Investigation	3.11	5.00	—	5.00	5.00
Total—Major & Medium Irrigation		913.87	270.00	284.05	307.00	307.00
<b>(b) MINOR IRRIGATION</b>						
(a)	State Sector I & PH	2516.73	795.00	821.52	1195.00	1195.00
(b)	USAID Programme	3282.22	1430.00	1248.31	1830.00	1830.00
(c)	R.D. Component	—	—	—	25.00	25.00
Sub-Total—b—Minor Irrigation		5798.95	2225.00	2069.83	3050.00	3050.00
<b>(c) COMMAND AREA DEVELOPMENT</b>						
(i)	Giri Irrigation C.A.D. Project in District Sirmaur	92.15	15.00	13.03	16.00	16.00
(ii)	Balh Valley C.A.D. Project in District Mandi	27.32	10.00	15.37	12.00	12.00
(iii)	Bhabour Sahib C.A.D. Project Phase-I	2.00	6.00	6.00	8.00	8.00
(iv)	Bhabour Sahib C.A.D. Project Phase-II	—	2.00	1.50	0.90	0.90
(v)	Staff Cost	—	6.00	6.61	8.00	8.00
(vi)	Publicity	—	1.00	—	1.10	1.10
Total—C.A.D.		121.47	40.00	42.56	46.00	46.00
<b>(d) FLOOD CONTROL</b>		307.61	90.00	78.83	100.00	100.00
<b>Total-IV</b>		<b>7141.90</b>	<b>2625.00</b>	<b>2475.27</b>	<b>3503.00</b>	<b>3503.00</b>
<b>V. ENERGY :</b>						
<b>A. POWER GENERATION</b>						
<b>(1) Scheme Completed by 31-3-1990</b>						
<b>On—Going Scheme</b>						
(1)	Thirot	1460.23	200.00	299.96	385.00	385.00
(2)	Gaj	814.07	—	223.77	300.00	300.00
(3)	Baner	710.34	—	210.19	200.00	200.00
(4)	SVP- Bhaba Aug.	426.30	—	161.27	35.00	35.00
(5)	Killar	11.03	—	61.00	60.00	60.00
(6)	Larji	1074.60	—	197.88	500.00	500.00
(7)	Uhl-III	121.28	—	50.98	25.00	25.00
(8)	Gharvi	33.20	—	0.93	—	—
(9)	Dhamwari Sunda	20.85	—	(—)0.91	—	—
(10)	Holi	12.00	—	—	—	—
(11)	Sal-II	14.26	—	—	—	—
(12)	Chamera-III	24.54	—	—	—	—
<b>NJPC SCHEMES</b>						
(i)	Nathpa-Jhakri	1389.40	4150.00	3254.89	4000.00	4000.00
(ii)	Kol-Dam	75.35	200.00	89.74		
Sub-Total—NJPC Scheme :		1464.75	4350.00	3344.63	4000.00	4000.00
<b>Total—Generation</b>		<b>19511.08</b>	<b>4550.00</b>	<b>4801.44</b>	<b>5505.00</b>	<b>5505.00</b>

(Rs. in lakh)

1	2	3	4	5	6	7
(2)	Transmission and Distribution	8324.63	450.00	950.20	1210.00	1210.00
(3)	Rural Electrification	5942.96	750.00	922.15	825.00	825.00
(4)	R & M of Power Houses	386.83	50.00	(—)18.72	10.00	10.00
(5)	Board's Buildings	261.31		5.58	10.00	10.00
(6)	Survey and Investigations	320.80	50.00	60.93	40.00	40.00
	<b>Total</b>	<b>34747.61</b>	<b>5850.00</b>	<b>6721.58</b>	<b>7600.00</b>	<b>7600.00</b>
(2)	Bio-gas Development	391.15	85.00	85.00	85.00	85.00
(3)	Non-Conventional Energy Resources— Development of New and Renewable Sources of energy:					
	(i) Solar Thermal	—	5.00	5.00	10.00	10.00
	(ii) Solar Photovoltaic	28.00	—	—	5.00	5.00
	(iii) Wind Energy	9.00	—	—	—	—
	<b>Sub-Total—(3)</b>	<b>37.00</b>	<b>5.00</b>	<b>5.00</b>	<b>15.00</b>	<b>15.00</b>
	<b>Total—V</b>	<b>35175.76</b>	<b>5940.00</b>	<b>6811.58</b>	<b>7700.00</b>	<b>7700.00</b>

## VI INDUSTRIES AND MINERALS

## I VILLAGE AND SMALL INDUSTRIES

(i)	Setting-up of Inspectorate of Boiler	0.04	2.00	—	3.00	3.00
(ii)	Electrical appliances and quality control	—	—	—	0.50	0.50
(iii)	Industrial Policy, Planning, Research Analy- sis wing including Computerisation and Data Processing Units	—	1.00	—	2.00	2.00
(iv)	Modernisation and Productivity	1.31	1.60	—	1.00	1.00
(v)	Science and Technology Entrepreneur Park	0.37	0.40	0.92	0.50	0.50
(vi)	Industrial Estates	117.01	35.00	30.11	38.00	38.00
(vii)	Incentive and Subsidy	61.40	15.00	13.95	41.00	41.00
(viii)	District Industries Centres	443.89	140.00	164.96	160.00	160.00
(ix)	Margin money to sick Units	3.18	2.00	1.75	4.00	4.00
(x)	Hill Area Woollen Development Project	29.76	30.00	26.74	33.00	33.00
(xi)	Workshed-cum-Housing Scheme	21.50	10.00	8.99	12.00	12.00
(xii)	GIA to HP H&HC	59.27	15.00	15.00	10.00	10.00
(xiii)	Investment in HP H&HC	48.80	10.00	9.00	10.00	10.00
(xiv)	Rebate on Handloom Products	47.08	4.00	17.37	5.00	5.00
(xv)	Modernisation of Handlooms	25.00	20.00	—	20.00	20.00
(xvi)	Marginal Subsidy to Weavers Co-op. Societies including Marketing Development Assistance	1.46	3.00	0.65	7.00	7.00
(xvii)	Dev. of Handloom and Textile Industries	3.60	0.50	—	1.00	1.00
(xviii)	Investment in Weavers Apex Societies	1.50	—	—	—	—
(xix)	Thrift Fund	0.41	—	—	—	—
(xx)	Opening of Carpet Centres	23.00	2.00	1.50	3.00	3.00
(xxi)	Subsidy to Handicrafts Co-op Societies	2.30	—	—	—	—
(xxii)	GIA to Khadi Board	125.92	35.00	33.00	35.00	35.00
(xxiii)	Rebate of Gandhi Jayanti	44.70	10.00	5.50	10.00	10.00
(xxiv)	Sericulture Industries	89.29	40.00	31.09	44.00	44.00
(xxv)	Indo-German Dhauladhar Project	3.45	—	—	—	—
(xxvi)	Tea Industries	82.34	30.00	24.00	33.00	33.00
(xxvii)	Investment in HP SSI&EC	28.00	8.00	14.91	8.00	8.00
(xxviii)	Raw Materials Depots	4.53	1.00	2.00	2.00	2.00
(xxix)	Provision for Consultancy Fee	8.29	3.00	2.44	3.00	3.00
(xxx)	Export Promotion Programme	—	1.00	—	2.00	2.00
(xxxi)	Externally Aided Projects	0.28	0.50	—	1.00	1.00
(xxxii)	Investment in HPFC	—	—	—	220.00	220.00
	<b>Sub-Total—I</b>	<b>1277.68</b>	<b>420.00</b>	<b>403.88</b>	<b>709.00</b>	<b>709.00</b>



1	2	3	4	5	6	7
<b>II. LARGE AND MEDIUM INDUSTRIES</b>						
(i) Investment in Nahan Foundry	..	163.50	—	—	—	—
(ii) Investment in HPFC	...	629.95	220.00	210.00	—	—
(iii) Investment in HPSIDC	..	883.49	220.00	220.00	220.00	220.00
(iv) Investment in HPGIC	..	—	15.00	15.00	15.00	15.00
(v) Investment in HPSEDC	...	238.85	15.00	22.60	15.00	15.00
(vi) Strengthening of Directorate	..	68.14	11.90	50.00	11.62	11.62
(vii) Land Acquisition office	..	13.94	5.00	4.41	5.00	5.00
(viii) Store Purchase organisation	..	1.90	2.00	1.40	2.00	2.00
(ix) Educated Unemployed	...	14.24	5.00	4.98	5.00	5.00
(x) Industrial Areas	...	572.26	80.00	71.91	90.00	90.00
(xi) Infrastructure Dev. Project	..	89.71	10.00	9.85	10.00	10.00
(xii) Growth Centre	..	—	30.00	—	30.00	30.00
(xiii) Incentive and Subsidy	..	126.89	25.00	30.87	35.00	35.00
(xiv) Minor Works	..	0.44	—	—	—	—
(xv) Information and Publicity	...	—	1.00	—	1.26	1.26
(xvi) Health Testing Composite Laboratory	..	—	0.10	—	0.12	0.12
(xvii) Arts and Exhibitions	..	61.73	10.00	30.71	10.00	10.00
Sub-Total—II	..	2865.04	650.00	671.73	450.00	450.00
<b>III. MINING</b>	..	100.59	30.00	31.00	45.00	45.00
<b>Total—VI</b>	..	<b>4243.31</b>	<b>1100.00</b>	<b>1106.61</b>	<b>1204.00</b>	<b>1204.00</b>
<b>VII. TRANSPORT :</b>						
<b>1 CIVIL AVIATION</b>						
(i) Construction of Aerodromes/Halipads including Direction and Administration	..	755.50	25.00	37.02	25.00	25.00
<b>2. ROADS AND BRIDGES</b>	..	15871.16	3800.00	4218.00	4290.00	4290.00
<b>3. ROAD TRANSPORT</b>						
(i) Taxes on Vehicles R.T.A. office Mandi	..	8.50	5.38	4.77	5.94	5.94
(ii) Roads Transport :						
(a) Setting-up of flying Squads	..	0.65	4.00	—	5.00	5.00
(b) Providing services of Adviser Transport	..	—	0.50	—	0.50	0.50
(c) Strengthening of staff at Head Quarters	..	7.27	3.62	3.90	5.06	5.06
(d) Road safety measures	..	1.50	0.50	0.40	0.50	0.50
(e) Computerisation	..	1.30	1.00	1.00	1.00	1.00
Sub-Total—(ii)	..	10.72	9.62	5.30	12.06	12.06
(iii) Capital Outlay :						
(a) Construction of Bus stand/Rain Shelters	...	237.34	55.00	46.97	62.00	62.00
(b) Investment in HRTC	...	2639.34	680.00	680.00	800.00	800.00
(c) Misc. including no Industry Districts	..	10.00	—	—	—	—
(d) Const. of Transport Bhawan/office Building	...	2.38	5.00	5.00	10.00	10.00
Sub-Total—(iii)	..	2889.06	740.00	731.97	872.00	872.00
<b>Total—Road Transport</b>	...	<b>2908.28</b>	<b>755.00</b>	<b>742.04</b>	<b>890.00</b>	<b>890.00</b>
<b>4. Inland Water Transport :</b>						
(a) Providing staff at HQs field	...	3.07	1.50	0.95	1.50	1.50
(b) Construction and Improvement of Ghats	..	19.16	0.50	0.49	0.50	0.50
Sub-Total—(4)	..	22.23	2.00	1.44	2.00	2.00

(Rs. in lakh)

1	2	3	4	5	6	7
<b>5. OTHER TRANSPORT SERVICES :</b>						
(a) Ropeways/Cableways	..	17.97	25.00	*	25.00	25.00
(b) Inter Model Transport Studies	..	2.31	5.00	—	5.00	5.00
Sub-Total—(5)	..	20.28	30.00	—	30.00	30.00
<b>Total VII—(Transport)</b>	..	<b>19577.45</b>	<b>4612.00</b>	<b>4998.50</b>	<b>5237.00</b>	<b>5237.00</b>
<b>VIII. TELE-COMMUNICATION</b>						
..	..	—	50.00	51.78	50.00	50.00
<b>IX. SCIENCE TECHNOLOGY AND ENVIRONMENT :</b>						
<b>1. Scientific Research including S&amp;T :</b>						
(i) Remote Sensing	..					
(ii) Poverty Alleviation	..					
(iii) Dissemination of Technology	..					
(iv) Water Management	..	63.68	16.00	16.00	50.00	50.00
(v) R&D Sector	..					
(vi) Direction and Administration	..					
(vii) Construction of Technology Bhawan	..					
(viii) Library and Documentation Centre	..					
(ix) STEP	..					
(x) Foransic Laboratory	..					
Sub-Total—1	..	63.68	16.00	16.00	50.00	50.00
<b>2. ECOLOGY AND ENVIRONMENT :</b>						
(i) Survey of Natural Resources	..					
(ii) Environment Research and Ecological regeneration	..	—	5.00	5.00	5.00	5.00
(iii) Conservation of Environment Programme	..					
(iv) Environmental Planning and co-ordination	..					
Sub-Total—2	..	—	5.00	5.00	5.00	5.00
<b>3. Water &amp; AIR Pollution Prevention</b>	..	27.75	15.00	15.00	20.00	20.00
<b>Total—IX</b>	..	<b>91.43</b>	<b>36.00</b>	<b>36.00</b>	<b>75.00</b>	<b>75.00</b>
<b>X—GENERAL ECONOMIC SERVICES :</b>						
<b>I SECRETARIAT ECONOMIC SERVICES</b>						
(a) Treasury and Accounts	..	196.66	68.00	57.12	66.00	66.00
(b) Excise and Taxation	..	—	—	4.59	4.00	4.00
<b>Total—(I)</b>	..	<b>196.66</b>	<b>68.00</b>	<b>61.71</b>	<b>70.00</b>	<b>70.00</b>
<b>TOURISM :</b>						
(a) Tourist Centre	..	93.84	14.00	12.00	11.00	11.00
(b) Tourist Accommodation	..	48.43	58.70	37.65	45.00	45.00
(c) Assistance to Public Sector and other undertakings	..	7.96	6.00	27.47	26.00	26.00
(d) Other Expenditure	..	15.29	3.00	3.00	4.00	4.00
(e) Direction and Administration	..	9.48	4.78	4.64	5.50	5.50
(f) Training	..	4.31	12.00	11.27	12.00	12.00
(g) Promotion and Publicity	..	121.92	46.77	38.97	38.50	38.50
(h) Other Expenditure	..	3.87	14.75	12.36	10.00	10.00
(i) Investment in Public Sector and other undertakings	..	278.27	35.00	63.53	40.00	40.00
(j) Area Development for Shimla regions	..	—	—	—	38.00	38.00
<b>(K) TRIBAL AREAS:</b>						
(i) Tourist Accommodation	..	39.07	10.00	8.40	15.00	15.00
(ii) Promotion and Publicity	..	13.09	5.00	5.00	10.00	10.00
(iii) Other Expenses	..	1.14	5.00	1.76	5.00	5.00
<b>Total (2)—Tourism</b>	..	<b>636.67</b>	<b>215.00</b>	<b>226.05</b>	<b>260.00</b>	<b>260.00</b>

*Expenditure Included in Roads &amp; Bridges

1	2	3	4	5	6	7
3. SURVEY AND STATISTICS	..	44.14	15.00	15.00	17.00	17.00
4. CIVIL SUPPLIES :						
(i) Food storage and warehousing Price stabilisation Scheme (Tribal and Non-tribal):						
(a) Staff	..	74.91	27.90	16.28	31.88	31.88
(b) District Forum (Staff)	..	0.51	9.00	8.58	10.00	10.00
(c) T.A.S.P. Subsidy on K. Oil (Pangi)	..	2.92	1.50	0.70	1.50	1.50
(d) Capital outlay Micro	..	11.56	—	—	—	—
(ii) Capital outlay on Food storage and warehousing Rural Godowns Programme & buildings construction of godowns	..	88.90	11.70	11.70	14.00	14.00
(iii) Capital outlay on Food Public Works construction of office/office-cum-residential Buildings	..	47.42	5.80	5.80	5.50	5.50
(iv) Capital outlay on food storage and warehousing Investment in H.P.S.C.S. Corporation	..	39.00	1.00	1.00	1.00	1.00
(v) Food storage and warehousing food subsidy, GIA :						
(a) Subsidy on transportation sale of essential commodities	..	—	175.00	250.00	32.16	32.16
(b) Subsidy on Wheat to Antyodaya Families	..	—	200.00	210.00	233.84	233.84
(c) T.A.S.P.	..	—	125.00	30.00	34.00	34.00
(vi) Food storage and warehousing other charges (lab.)	..	0.10	0.10	0.10	0.12	0.12
Total—4	..	265.32	557.00	534.16	364.00	364.00
5. Weights and Measures	..	18.70	7.00	5.54	8.00	8.00
6. Other General Services :						
(a) Institutional Finance	..	23.92	6.00	3.00	6.00	6.00
(b) District Planning	..	1215.30	1276.00	655.82	984.00	984.00
Total—X	..	2400.71	2144.00	1501.28	1709.00	1709.00
TOTAL—(A)—GENERAL ECONOMIC SERVICES I TO X	..	99549.65	24059.00	25247.19	28605.00	28605.00
B. SOCIAL SERVICES :						
XI. EDUCATION, SPORTS, ART AND CULTURE :						
1. Primary Education (I to V) :						
(i) Direction and Administration	..	33.83	16.71	13.00	18.00	18.00
(ii) Equipments (M&S) Inf.	..	30.19	1.70	1.70	10.00	10.00
(iii) Maintenance of Building	..	815.59	10.00	0.85	—	—
(iv) Govt. Primary Schools 934-C, 150/750-N	..	455.79	316.26	320.27	314.65	314.65
(v) Govt. Primary Schools (Antyodaya)	..	—	—	—	40.00	40.00
(vi) Grant-in-Aid	..	—	—	—	1.74	1.74
(vii) Inspection District/Block Level	..	30.39	25.42	22.64	26.98	26.98
(viii) Teacher and other services	..					
(a) Volunteer Teachers	..					
(b) Part-time water carriers	..	229.62	135.07	146.30	172.85	172.85
(ix) Teacher's Training	..	1.90	0.32	0.32	0.65	0.65
(x) Incentives	..	6.34	2.40	2.40	23.00	23.00
(xi) Cold Weather Charges	..	15.81	12.00	12.00	20.00	20.00
(xii) Publicity	..	—	0.12	0.12	0.13	0.13
TOTAL—(PRY. EDU.)	..	1619.46	520.00	519.60	628.00	628.00

1	2	3	4	5	6	7
<b>2. GENERAL AND UNIVERSITY EDUCATION</b>						
<b>(a) ELEMENTARY EDUCATION :</b>						
<b>I—DIRECTION AND ADMINISTRATION :</b>						
(a) Staff at Dte. Level	..	1.56	1.13	1.13	1.12	1.12
(b) Staff at District Level	..	14.20	3.30	3.30	5.79	5.79
(c) Monitoring and Education	..	6.10	3.76	3.76	3.70	3.70
Sub-Total—I	..	21.86	8.19	8.19	10.61	10.61
<b>II—EQUIPMENT:</b>						
(a) S. C. Equipment	..	13.41	2.95	2.95	2.95	2.95
(b) Jute matting	..	18.93	3.90	3.90	3.90	3.90
(c) Crafts Material (S. U. P. W.)	..	4.95	1.65	1.65	1.65	1.65
(d) Sports material	..	5.25	1.70	1.70	1.70	1.70
(e) Furniture	..	19.44	5.60	5.60	5.60	5.60
(f) A. V. Aids	..	3.56	—	—	—	—
(g) Black Boards	..	10.00	—	—	—	—
(h) Tat patti /Chalk	..	11.34	—	—	—	—
Sub-Total—II	..	86.88	15.80	15.80	15.80	15.80
<b>III—MAINTENANCE OF SCHOOL BUILDINGS</b>	..	—	11.00	11.00	3.00	3.00
<b>IV—ASSISTANCE TO NON-GOVERNMENT M. S.</b>	..	—	1.72	1.72	4.00	4.00
<b>V—INSPECTION:</b>						
(a) Establishment of Blocks—Co-terminus with C.D. Blocks	..	23.73	17.19	17.19	15.85	15.85
(b) Non Formal Education	..	—	0.50	—	—	—
<b>VI—TEACHERS AND OTHER SERVICES:</b>						
(a) Additional Teachers for M. S. (85-C.)	..	35.70	26.27	26.73	26.73	26.73
<b>VII—TEACHERS TRAINING :</b>						
(a) Refresher Courses	..	12.54	1.53	1.53	1.53	1.53
(b) Additional Staff for J. B. T. Schools (22-C)	..	5.76	6.58	6.58	6.14	6.14
Sub-Total—(vii)	..	18.30	8.11	8.11	7.67	7.67
<b>VIII—SCHOLARSHIPS AND INCENTIVES :</b>						
(a) Scholarship to S. C. Girls in classes VI-VIII	..	223.52	45.00	45.00	45.00	45.00
(b) Free Text Books/Book Banks	..	9.57	1.75	1.75	1.75	1.75
(c) Attendance sch. to girls	..	5.46	1.25	1.25	1.25	1.25
(d) Free clothing to girls	..	4.87	1.00	1.00	1.00	1.00
(e) Free Text Books in tribal areas	..	4.58	1.80	2.80	3.00	3.00
(f) Merit Scholarships	..	2.33	0.50	0.50	0.50	0.50
(g) Antyodaya Scheme	..	—	—	—	20.00	20.00
Sub-Total—(viii)	..	250.33	51.30	52.30	72.50	72.50
<b>IX—EXAMINATIONS</b>						
(a) G. I. A. to Board of School Education	..	28.00	1.00	1.00	0.50	0.50
<b>X—OTHER EXP. :</b>						
(a) Opening of M. S. (291-16)	..	1058.97	568.74	569.24	630.60	630.60
(b) Drinking Water facilities (1740)	..	27.32	30.80	17.58	19.00	19.00
(c) G. I. A. to H. P. Education Society	..	—	1.00	1.00	0.50	0.50
(d) Education Technology	..	5.20	4.12	4.12	0.50	0.50
(e) Construction of School Buildings	..	200.84	22.00	23.84	20.00	20.00
(f) Hot & Cold weather charges	..	—	—	8.58	—	—
Sub-Total—(x)	..	1292.33	626.66	624.36	670.60	670.60
<b>Total—Elementary Education—(a)</b>	..	1757.13	767.74	765.94	827.26	827.26

(Rs. in lakh)

1	2	3	4	5	6	7
<b>(b) SECONDARY EDUCATION:</b>						
<b>I—DIRECTION AND ADMINISTRATION:</b>						
(a) Administration Units for +2 system (11-c)	..	15.11	3.85	3.85	4.02	4.02
(b) Staff for Zonal Level (8-c)	..	8.78	3.25	3.25	3.43	3.43
(c) School Complex (S. C.)	..	4.23	1.45	1.45	1.67	1.67
(d) Add. staff for Sr. Sec. Schools (47-c)	..	15.00	16.00	16.00	20.31	20.31
(e) Hot & Cold weather charges	..	—	—	0.59	—	—
Sub-Total —I	..	43.12	24.55	25.14	29.43	29.43
<b>II—RESEARCH AND TRAINING :</b>						
(a) Vocationalisation of Education (25 Schools)						
State share	..	21.78	16.55	16.55	21.08	21.08
(b) Talent Search Sch. scheme	..	1.85	0.35	0.35	0.35	0.35
(c) Population education (2-C)	..	1.81	0.75	0.75	0.72	0.72
(d) Community Sc. Centre	..	4.44	0.90	0.90	0.69	0.69
Sub-Total—II	..	29.88	18.55	18.55	22.84	22.84
<b>III—EQUIPMENT:</b>						
(a) Equipment to District Offices	..	1.00	0.25	0.25	0.25	0.25
(b) Science equipments in schools	..	12.86	1.50	1.50	1.50	1.50
(c) Furniture to schools	..	19.98	4.10	4.10	4.10	4.10
(d) Library books to schools	..	5.26	0.80	0.80	0.80	0.80
(e) Sports material to schools	..	4.85	1.40	1.40	1.40	1.40
(f) Craft material (S. U. P. W.)	..	4.46	1.35	1.35	1.25	1.25
(g) A. V. Aids	..	1.69	0.65	0.65	0.75	0.75
Sub-Total—III	..	50.10	10.05	10.05	10.05	10.05
<b>IV—MAINTENANCE OF SCHOOL BUILDINGS</b>	..	—	20.00	20.00	4.00	4.00
<b>V TEACHER &amp; OTHER SERVICES</b>						
(a) Addl. teachers for H. S. (96-C)	..	53.70	28.76	28.76	29.51	29.51
(b) Addl. teachers for S. S. S.	..	66.70	69.69	69.69	69.59	69.59
Sub-Total..(v)	..	120.40	98.45	98.45	99.10	99.10
<b>VI—TEACHERS TRAINING :</b>						
(a) Refresher courses	..	17.78	3.15	3.15	4.00	4.00
(b) E. H. V. Programme	..	3.00	1.00	1.00	—	—
Sub—Total—(vi)	..	20.78	4.15	4.15	4.00	4.00
<b>VII—SCHOLARSHIPS AND STIPENDS :</b>						
(a) Free text Books/Book Banks	..	9.74	2.00	2.00	0.50	0.50
(b) Free clothing to girls	..	5.03	0.80	0.80	1.00	1.00
(c) Sch. to S. C. Girls	..	46.29	9.50	9.50	9.50	9.50
(d) Free Text Book in Tribal Areas	..	2.29	0.90	1.47	1.50	1.50
(e) Merit Sch.	..	3.55	0.90	0.90	0.90	0.90
(f) Antyodaya Sch.	..	—	—	—	8.00	8.00
Sub-Total—(vii)	..	66.90	14.10	14.67	21.40	21.40
<b>VIII—ASSISTANCE TO NON-GOVERNMENT SECONDARY SCHOOLS</b>	..	—	10.10	10.10	21.00	21.00
<b>IX—OTHER EXP.:</b>						
(a) Upgradation of M. S. to H. S. (308& 15 C)	..	1005.55	614.84	599.10	646.14	646.14
(b) Upgradation of H. S. to S. S. S. (150-C)	..	1268.69	645.90	645.99	706.77	706.77
(c) Drinking Water facilities in H. S. (252-C)	..	21.55	7.56	7.56	7.56	7.56
(d) Free Hostel (9-C)	..	23.70	8.19	8.10	8.33	8.33

1	2	3	4	5	6	7
(e) Formerly UNICEF Aided Projects	..	2.70	1.00	1.00	0.50	0.50
(f) Science Exhibitions	..	2.50	0.50	0.50	0.50	0.50
(g) Earn while you learn	..	8.00	0.50	0.50	0.15	0.15
(h) National Integration	..	5.00	1.00	1.00	1.00	1.00
(i) Education Technology	..	5.40	0.66	0.66	0.50	0.50
(j) Sanik School						
(i) Buildings	..	23.00	—	—	—	—
(ii) G. I. A.	..	30.02	14.00	14.00	14.00	14.00
(iii) Scholarships	..	23.99	6.00	6.00	6.00	6.00
(iv) N. C. C. Activities	..	4.25	1.00	1.00	1.00	1.00
Sub-Total—(j)	..	81.26	21.00	21.00	21.00	21.00
(k) School Buildings	..	433.63	11.00	17.65	20.00	20.00
(l) Environmental Education	..	1.20	—	—	—	—
(m) Hot & cold weather charges	..	—	—	12.90	—	—
Total-Other Exp.—(ix)	..	2859.18	1312.15	1315.96	1412.45	1412.45
<b>Total Secondary Education—(b)</b>	..	<b>3190.36</b>	<b>1512.10</b>	<b>1517.07</b>	<b>1624.27</b>	<b>1624.27</b>
<b>(c)—UNIVERSITY &amp; OTHER HR. EDUCATION :</b>						
<b>I—DIRECTION &amp; ADMN :</b>						
(a) Estt. of U. G. C. Cell and strengthening of Admn.	..	1.62	1.46	1.46	1.46	1.46
<b>II—ASSISTANCE TO UNIVERSITIES :</b>						
(a) Assistance to H. P. University for Dev	..	124.94	58.00	58.40	59.00	59.00
(b) Assistance to H.P. University for Diploma in journalism	..	2.00	1.00	1.00	1.00	1.00
(c) Assistance to H.P. University for Diploma in Bhoti	..	3.00	1.00	1.00	1.00	1.00
Sub-Total—(ii)	..	129.94	60.00	60.40	61.00	61.00
<b>III—GOVT. COLLEGES &amp; INSTITUTIONS :</b>						
(a) Opening/taking over of Colleges	..	253.45	88.14	88.14	84.75	84.75
(b) Starting of Evening colleges/classes	..	33.17	13.40	13.40	12.80	12.80
(c) Starting of Addl. subject/M. A. classes in Colleges	..	63.95	17.78	17.78	24.14	24.14
(d) Addl. staff for Colleges	..	11.25	16.94	16.94	19.30	19.30
Sub-Total—(iii)	..	361.82	136.26	136.26	140.99	140.99
(iv) Assistance to non Government colleges	..	0.44	119.21	154.67	170.00	170.00
(v) Faculty Imp. Programme	..	2.00	0.40	0.40	0.40	0.40
(vi) Scholarships (Antyodaya)	..	—	—	—	5.00	5.00
(vii) Other Exp. :						
(a) Lifting of U. G. C. Assistance	..	28.00	30.00	30.00	30.00	30.00
(b) Construction of Buildings	..	201.74	3.00	3.00	3.00	3.00
(c) Maintenance of Buildings	..	—	2.00	2.00	—	—
(d) Imp. Programmes						
(i) Science Equipments	..	3.33	1.00	1.00	1.00	1.00
(ii) Sports material	..	0.91	0.20	0.20	0.20	0.20
(iii) Equipment/Furniture	..	6.98	2.00	2.00	2.00	2.00
(iv) Library Books	..	1.10	0.40	0.40	0.40	0.40
(v) Text Books/Book Banks	..	1.88	0.40	0.40	0.40	0.40
(vi) Students Welfare	..	2.00	0.40	0.40	0.40	0.40
(vii) Hot & cold weather charges	..	—	—	0.43	—	—
Sub-Total—(d)	..	16.20	4.40	4.83	4.40	4.40
Total—(vii)	..	245.94	39.40	39.83	37.40	37.40
<b>Total-University &amp; Higher Education—(c)</b>	..	<b>741.76</b>	<b>356.73</b>	<b>393.02</b>	<b>416.25</b>	<b>416.25</b>

1	2	3	4	5	6	7
<b>D—ADULT EDUCATION :</b>						
(i) Direction & Administration ..		25.51	8.24	8.24	12.45	12.45
(ii) Rural Functional Literacy Programme ..		40.96	17.27	17.27	16.26	16.26
(iii) Other Adult Education Programme opening of J. S. N. ..		8.81	17.50	17.50	8.25	8.25
(iv) Other Exp. :						
(a) Supply of Literature on Adult education ..		1.05	0.33	0.33	0.33	0.33
(b) Part time Libraries ..		1.53	0.21	0.21	0.21	0.21
(c) Training of staff and follow-up material ..		—	—	—	0.50	0.50
Sub-Total—(iv) ..		2.58	0.54	0.54	1.04	1.04
Total-Adult Education—(d) ..		77.86	43.55	43.55	38.00	38.00
<b>(e)—LANGUAGE DEVELOPMENT :</b>						
(i) Direction & Administration ..		2.23	0.70	0.70	0.70	0.70
(ii) Sanskrit Education :						
(a) G.I.A. to non-Government Skt. Pathshalas ..		0.60	1.78	1.78	3.00	3.00
Sub-Total—(ii) ..		0.60	1.78	1.78	3.00	3.00
Total-Language Development—(e) ..		2.83	2.48	2.48	3.70	3.70
<b>(f)—GENERAL :</b>						
<b>I—DIRECTION &amp; ADMINISTRATION :</b>						
(a) Strengthening of Accounts Services ..		10.20	5.25	5.25	6.15	6.15
(b) Estt. of A. C. R. Cell ..		5.51	2.49	2.49	2.44	2.44
(c) Estt. of Plg. Cell ..		3.46	2.38	2.38	2.44	2.44
Sub-Total—(I) ..		19.17	10.12	10.12	11.03	11.03
<b>II—Other Exp. :</b>						
(a) Construction of Shiksha Bhawan ..		15.82	—	—	5.00	5.00
(b) Modernisation of Admn.:						
(i) Installation of Photo stat machine/ Addressograph ..		4.35	—	—	—	—
(ii) Estt. of Computer cell & Inst. of Computers ..		13.21	3.20	3.20	5.82	5.82
Sub-Total—(b) ..		17.56	3.20	3.20	5.82	5.82
Total-Other Ex.—(II) ..		33.38	3.20	3.20	10.82	10.82
TOTAL-(GENERAL)—(f) ..		52.55	13.32	13.32	21.85	21.85
<b>g—SPORTS &amp; YOUTH SERVICES :</b>						
<b>I—PHYSICAL EDUCATION :</b>						
(a) National Physical Efficiency Drive ..		1.08	0.20	0.20	0.20	0.20
(b) Sports Scholarships ..		2.24	0.69	0.69	0.69	0.69
(c) G. I. A. to H. P. Sports Association ..		16.00	6.00	6.00	8.00	8.00
(d) Sports Hostels ..		21.14	9.15	9.15	12.34	12.34
(e) Strengthening of physical education ..		2.55	0.70	0.70	0.91	0.91
(f) G. I. A. to Bharat Scout Sports Association ..		—	1.45	1.45	2.00	2.00
(g) Coaching Camp ..		5.00	1.00	1.00	1.00	1.00
(h) N. C. C. :						
(a) Addl. Staff for N. C. C. ..		2.50	0.61	0.61	0.75	0.75
(b) Construction of N. C. C. Bhawan ..		6.00	—	—	—	—
(c) Vehicle & telephone to Group H. Q. ..		1.00	—	—	—	—
Sub-Total—(h) ..		9.50	0.61	0.61	0.75	0.75
TOTAL-Sports & Youth Services—(g) ..		57.51	19.80	19.80	25.89	25.89

1	2	3	4	5	6	7
<b>(h)—ART &amp; CULTURE (LIBRARIES) :</b>						
<b>I—PUBLIC LIBRARIES :</b>						
(a) Libraries books to existing Libraries ..		15.83	1.46	1.46	1.46	1.46
(b) G. I A to Raja Ram Mohan Roy Lib. Fondation ..		20.00	4.00	4.00	4.00	4.00
(c) Journals/Magazines to existing Libraries ..		7.41	2.00	2.00	2.00	2.00
(d) Furnitures Equipment to Libraries ..		12.01	1.00	1.00	1.00	1.00
(e) Opening of Rural Libraries/Shimla/Chamba ..		4.99	1.40	1.40	1.52	1.52
(g) Taking over of Libraries at Shimla ..		14.08	3.15	3.15	3.35	3.35
(f) Library in the Directorate ..		0.90	0.85	0.85	1.00	1.00
(h) Library Buildings ..		9.85	—	—	—	—
(i) Part time water carriers for killar ..		0.19	0.04	0.04	0.04	0.04
(j) Hot & cold weather charges ..		—	—	1.50	—	—
Sub-Total Art & Culture—(h) ..		85.26	13.90	15.40	14.37	14.37
(I) Publicity ..		0.38	0.38	0.38	0.41	0.41
Total-General and University Education—(2) ..		5965.64	2730.00	2770.96	2972.00	2972.00
TOTAL-EDUCATION (1+2) ..		8585.09	3250.00	3290.56	3600.00	3600.00
<b>3. TECHNICAL EDUCATION :</b>						
1. Strengthening of Directorate (Tech. Wing) Direction and Administration to Impart training in Engg. upto Diploma and Degree College ..				—	—	—
2. Junior Technical School Kangra, Machinery & equipment, Purchase of deficit equipment, removal of obsolete building and residence (To impart training upto J.T.S. level) ..						
3. Strengthening of Polytechnics :						
(i) Salaries and other contingencies relating to staff and training and Purchase of Machinery and equipment (To Impart training in Engg. upto Diploma Engg.) ..		872.66	239.83	206.50	415.00	415.00
(ii) Buildings and Residence ..						
Sub-Total—(3) ..						
4. Scholarships ..						
5. Strengthening of State Board of Technical Education ..						
6. Strengthening of Engg. College (To Impart Training upto Degree level) ..						
7. Publicity ..						
Total ..		872.66	239.83	206.50	415.00	415.00
<b>a) CRAFTSMEN VOCATIONAL TRAINING SCHEME :</b>						
<b>I. Strengthening of Directorate :</b>						
(i) Direction and Administration (To Impart vocational Training upto I.T.I. level and award of NCVT Certificate in (H.P.) ..		4.01	1.27			
<b>II. CRAFTSMEN TRAINING SCHEME :</b>						
(i) Salaries of staff -do- ..		44.88	10.61			
(ii) Buildings: residential accommodation and Hostel etc. -do- ..		141.51	88.45			
(iii) Purchase of deficit equipment and Modernisation -do- ..		71.54	11.00	126.83	109.0	109.00
<b>III. STRENGTHENING OF DIRECTORATE :</b>						
(i) Direction and Administration (Salaries and other contingencies) ..			1.62			
<b>IV. CRAFTSMEN/TRAINING SCHEME (50:50) ..</b>						
(i) Salaries, Equipment opening of new Courses/ Trade audio-visual & Maintenance Cell etc. ..		—	52.22			
Total—(a) ..		261.94	165.17	126.83	109.00	109.00



(R.s. in lakh)

1	2	3	4	5	6	7
<b>(b) NEW SCHEMES :</b>						
1. Strengthening of existing I.T.I. :						
(i) Building	..	—	2.00	—	—	—
Total—(b)	..		2.00	—	—	—
Total—(a+b)	..	261.94	167.17	126.83	109.00	109.00
<b>(c) TRIBAL SUB-PLAN:</b>						
(i) Strengthening of I.T.I.'s. in Tribal Areas	..	34.01	18.00	17.99	20.00	20.00
(To Impart vocational upto the level of I.T.I. level award of certificate of NCVT)						
Total—(a+b+c)	..	295.95	185.17	144.82	129.00	129.00
<b>TOTAL—TECHNICAL EDUCATION INCLUDING CRAFTSMEN AND VOCATIONAL TRAINING..</b>		<b>1168.61</b>	<b>425.00</b>	<b>351.32</b>	<b>544.00</b>	<b>544.00</b>

**4. SPORTS AND YOUTH SERVICES :**

(i) GIA to H.P. Sports Council	..	43.25	7.98	10.98	8.43	8.43
(ii) Organisation of Coaching Camps	..	9.15	4.15	4.15	4.35	4.35
(iii) Stipend for trainees at NIS Patiala	..	0.78	—	—	—	—
(iv) Sports Scholarships to Non-student	..	1.15	—	—	—	—
(v) Run for Fun (cross country Races)	..	1.80	—	—	—	—
(vi) Refresher Courses for in services Personnel	..	0.75	—	—	—	—
(vii) Incentive to attend mobile coaching camps.	..	1.60	—	—	—	—
(viii) Rural Sports Centres	..	2.64	—	—	—	—
(ix) Const. of Distt. and utility Stadia	..	109.29	15.40	15.40	13.17	13.17
(x) Const. of Play field	..	22.85	—	—	—	—
(xi) Purchase of Sports Equipment	..	5.53	—	—	—	—
(xii) State liability on a/c of HATC	..	12.15	1.00	1.00	—	—
(xiii) Const. of HRTC workshop at Nahan	..	5.00	—	—	—	—
(xiv) GIA to H.P. Sports Youth Board	..	25.71	5.50	5.50	5.95	5.95
(xv) Organisation of non-student Youth Festival	..	6.47	—	—	—	—
(xvi) Purchase of Traditional dresses	..	0.42	—	—	—	—
(xvii) Inter State Youth exchange Programme	..	5.54	—	—	—	—
(xviii) Organisation of Works Camps	..	5.83	2.50	2.50	2.70	2.70
(xix) Y.L.T.C.	..	5.25	—	—	—	—
(xx) Tourism	..	3.27	—	—	—	—
(xxi) Const. of Indira Youth Centre-cum-Sports and Cultural Complex, Shimla	..	61.00	1.00	11.00	5.00	5.00
(xxii) Const. of Distt. Youth Centre	..	8.71	1.00	1.00	—	—
(xxiii) Publicity	..	0.37	—	—	—	—
(xxiv) Purchase of Camping Equipment	..	3.48	—	—	—	—
(xxv) International Youth Year	..	2.15	—	—	—	—
(xxvi) Const. of Community Centre	..	0.26	—	—	—	—
(xxvii) National Service Scheme	..	8.24	2.00	2.00	2.20	2.20
(xxviii) Direction and Administration	..	68.44	24.47	23.61	29.20	29.20
Total—4	..	421.08	65.00	77.14	71.00	71.00

**5. ART AND CULTURE :****I. Direction and Administration Directorate :**

(a) Staff	..	24.65	15.33	13.71	16.89	16.89
(b) Schemes :						
(i) Award	..	3.60	1.00	—	1.00	1.00
(ii) Publication of Monographs, Vipasha Fikro-Fan	..	12.72	4.00	2.38	3.00	3.00
(iii) GIA to literacy organisations	..	2.35	—	—	—	—
(iv) Celebration of Hindi, Urdu, Sanskrit, Divas	..	4.86	1.00	0.80	1.00	1.00

(Rs. in lakh)

1	2	3	4	5	6	7
(v) Introductions of Modern Techniques and implements ..		1.78	0.50	0.54	0.50	0.50
(vi) Writers Home at Dharamshala/Mandi/Solan/Una/Shimla ..		1.57	1.00	1.25	0.60	0.60
(vii) Construction of Directorate Building ..		14.00	3.50	3.50	5.17	5.17
(viii) Sanskrit Bhawan at Shimla ..		—	1.00	—	0.10	0.10
(ix) Language and Culture Surveys ..		5.38	1.00	0.75	1.00	1.00
<b>Total</b> ..		<b>70.91</b>	<b>28.33</b>	<b>22.93</b>	<b>29.26</b>	<b>29.26</b>
<b>II. ART AND CULTURE :</b>						
(a) Promotion of language and culture Staff ..		0.14	0.67	0.36	0.96	0.96
(b) Schemes :						
(i) GIA to Himachal Academy ..		30.26	8.00	12.75	11.00	11.00
(ii) Expenditure on Festivals in Cosmopoliton cities ..		5.88	1.00	1.00	1.00	1.00
(iii) Expenditure on all India level Festivals ..		6.35	1.00	1.10	1.00	1.00
(iv) Celebrations of Fairs ..		4.16	1.00	1.01	2.00	2.00
(v) Inter State Exchange of Cultural Troups ..		7.85	0.50	1.18	0.50	0.50
(vi) Scholarships ..		2.20	0.40	0.44	0.40	0.40
(vii) Competitions ..		5.36	0.70	0.80	0.70	0.70
(viii) Maintenance of Kala-Kendra ..		0.90	0.40	0.20	0.40	0.40
(ix) Construction of Kala Kendra at Dharamshala ..		7.25	0.25	1.25	0.50	0.50
(x) Kala-Kendra at Mandi ..		—	0.25	—	0.25	0.25
(xi) Cultural Troups to Foreign Country ..		0.37	—	1.36	—	—
(xii) GIA to Art Organisations ..		31.32	—	—	—	—
(xiii) GIA to Cultural Organisations ..		1.02	—	—	—	—
(xiv) Workshop on Performing/Fine Art ..		5.62	0.40	0.40	0.40	0.40
(xv) Assistance to persons in indigent Circumstances ..		0.53	0.11	0.14	0.11	0.11
(xvi) Children doll Museum/library ..		2.15	0.30	—	0.30	0.30
(xvii) Sponsored programmes by the Deptt. ..		0.23	—	1.00	0.50	0.50
(xviii) North Zone Cultural Centres ..		99.00	1.00	—	1.00	1.00
(xix) Renovation of Gaiety Theatre ..		46.66	0.50	—	1.00	1.00
(xx) Mini Bus for Artists/Equipments ..		—	1.00	—	1.25	1.25
(xxi) Nritya Natika ..		5.00	0.70	—	0.70	0.70
<b>Total—II</b> ..		<b>262.25</b>	<b>18.18</b>	<b>22.99</b>	<b>23.97</b>	<b>23.97</b>
<b>III. ARCHEOLOGY :</b>						
(a) Staff ..		12.62	6.54	4.54	7.60	7.60
(b) Schemes :						
(i) GIA to old Historical Temples ..		20.38	5.00	8.07	5.52	5.52
(ii) GIA to Temples for upkeep ..		2.94	1.00	1.00	1.00	1.00
(iii) Exploration and Excavation ..		3.20	1.50	1.05	1.00	1.00
(iv) Monographs on Archeology ..		0.70	0.25	—	0.25	0.25
(v) GIA to Bhima Kali Temples ..		3.54	1.18	1.18	1.18	1.18
(vi) GIA to Renuka Development ..		2.00	1.00	0.40	1.00	1.00
(vii) Installation of Statue ..		22.03	0.80	—	1.30	1.30
<b>Total—III</b> ..		<b>67.41</b>	<b>17.27</b>	<b>16.24</b>	<b>18.85</b>	<b>18.85</b>
<b>IV. ARCHIVES :</b>						
(a) Staff ..		3.74	2.42	2.19	2.67	2.67
(b) Schemes :						
(i) Preservation of Records ..		2.27	0.40	0.30	0.40	0.40
(ii) Preservation of Manuscript ..		2.22	0.40	0.30	0.40	0.40
(iii) Setting-up of a library ..		0.59	0.10	0.20	0.20	0.20
(iv) Slide Archives ..		0.34	0.30	0.05	0.05	0.01
(v) Seminars on Archives ..		0.64	0.10	0.15	0.05	0.05
(vi) Material for Development of Archives ..		1.00	1.00	4.03	0.51	0.55
(vii) C/o Archive buildings ..		—	1.00	—	1.00	1.00
<b>Total—(IV)</b> ..		<b>10.80</b>	<b>5.72</b>	<b>7.22</b>	<b>5.28</b>	<b>5.28</b>

1	2	3	4	5	6	7
<b>V. MUSEUM -</b>						
(a) Staff	..	8.94	5.80	3.24	6.94	6.94
<b>(b) Schemes :</b>						
(i) Art objects for Himachal State Museum	..	2.44	0.20	0.20	0.20	0.20
(ii) Art objects for Bhuri Singh Museum	..	1.78	0.20	0.13	0.20	0.20
(iii) Art objects for Kangra Art Museum	..	1.90	1.00	0.92	1.00	1.00
(iv) Documentation of Art object	..	0.54	0.30	0.17	0.30	0.30
(v) C/o Bhuri Singh Museum Chamba	..	2.25	1.00	0.80	1.00	1.06
(vi) Art objects Himachal State Museum	..	4.15	1.00	0.65	1.00	1.00
(vii) Art objects Kangra Art Gallery Dharamshala	..	24.48	1.00	1.00	1.00	1.00
Total—(V)	..	46.48	10.50	7.11	11.64	11.64
Tribal—Sub-Plan	..	54.19	18.00	13.08	16.00	16.00
Total—Art & Culture (5)	..	512.04	98.00	89.57	105.00	105.00
<b>6. OTHER :</b>						
<b>(a) MOUNTAINEERING AND ALLIED SPORTS</b>						
(i) Augmentation of Directorate of Mountain eering and Allied Sports Manali	..	56.41	14.79	15.22	19.33	19.33
(ii) Strengthening of Regional Trekking/ Mountaineering Centre Dharamshala	..	10.78	3.05	3.04	4.00	4.00
(iii) Strengthening of HAT-cum-Skiing Centre Narkanda and Dalhousie/Chamba	..	4.32	2.77	2.72	3.92	3.92
(iv) Hang Gliding Scheme	..	8.16	1.00	0.67	1.80	1.80
(v) Aug. of Regional Water Sports at Pong Dam and Sub-Centre Bilaspur	..	18.22	10.39	9.81	6.95	6.95
(vi) Strengthening of Mountain Rescue and Training Scheme at Jispa, Khoksar and Bharmour	..	18.92	8.00	7.91	9.00	9.00
Sub-Total	..	116.81	40.00	39.37	45.00	45.00
		19.11	7.00	5.46	9.00	9.00
<b>(b) GAZETTEER:</b>						
Sub-Total—Other	..	135.92	47.00	44.83	54.00	54.00
Total—XI—Education & Allied	..	9822.74	3885.00	3853.42	4374.00	4374.00
<b>XII. HEALTH:</b>						
<b>1. ALLOPATHY:</b>						
<b>(a) MINIMUM NEEDS PROGRAMME</b>						
(i) Const. of Health sub centre/P.H.C./Community Health Centre with staff	..	390.38	80.83	90.15	60.09	60.09
(ii) Const. of Health Sub Centre/Primary Health Centre under UNFPA Project (10% state share)	..	—	54.00	54.00	83.00	83.00
(iii) UNFPA Project revenue state share (10%)	..	—	39.00	39.00	40.00	40.00
(iv) Opening of Health sub-centre	..	199.27	49.64	50.00	58.99	58.99
(v) Opening of Primary Health Centre	..	328.56	131.27	138.10	151.59	151.59
(vi) Opening of Community Health centre	..	109.92	37.06	38.85	42.98	42.98
(vii) Strengthening of services at PHC'S (staff trans- ferred from USAID)	..	49.63	13.65	13.65	Scheme included in opening of PHC'S	
(viii) Continuation of Expenditure on PHC Bhar- mour	..	15.00	5.37	5.00	6.79	6.79

(Rs. in lakh)

1	2	3	4	5	6	7
(ix) Const. of Doctor's Quarters at PHC'S	117.56	—	—	—	—	—
(x) Multipurpose workers scheme (State Plan)	296.25	133.23	131.20	168.46	168.46	—
(xi) Provisions for minor works	—	2.50	2.50	—	—	—
(xii) Multipurpose workers scheme (50:50 sharing)	3.99	(scheme transferred to state Plan w. e. f. 1-4-90.)				
Sub—Total (MNP—(a))	1510.56	546.55	562.45	611.90	611.90	—
<b>(ib) OTHER THAN MINIMUM NEEDS PROGRAMME:</b>						
<b>I. Hospitals &amp; Dispensaries :</b>						
(i) Construction of Distt Hospital and Civil Dispensary Building with staff quarters	503.03	34.90	68.99	57.86	57.86	—
(ii) Estt. of Civil Dispensary	13.50	2.14	2.10	2.34	2.34	—
(iii) Providing of additional staff to Dental clinic	8.52	2.18	2.19	2.42	2.42	—
(iv) Providing of staff under Dental Schools Health services	14.26	7.50	5.69	8.01	8.01	—
(v) Strengthening of services at District Hospitals/Referral Hospitals	209.42	83.24	79.80	97.26	97.26	—
(vi) Providing of additional staff & Beds in Zonal Hospitals	10.75	8.55	8.55	9.98	9.98	—
(vii) Provisions for minor Works	—	2.00	2.00	4.00	4.00	—
Sub—Total—I	759.48	140.51	169.32	181.87	181.87	—
<b>II TRAINING:</b>						
Training of Male Health workers, Female Health Workers & general Nursing	37.81	17.27	17.20	19.59	19.59	—
<b>III OTHER PROGRAMMES:</b>						
(i) Estt. of Composite Testing laboratory at Kanda-ghat	55.15	11.18	12.63	14.10	14.10	—
(ii) Strengthening of services at Health centre for Handicapped	1.83	0.55	0.80	0.62	0.62	—
(iii) Estt. of Drug cell in Health Directorate	2.30	1.14	1.14	1.28	1.28	—
(iv) Continuation of Exp. on Directorate Staff	25.80	14.39	11.70	16.66	16.66	—
(v) Strengthening of civil Registration and statistics	8.69	3.28	3.23	3.77	3.77	—
(vi) Estt. of two Mobile units under National Programme for control of blindness	65.80	21.61	26.75	26.82	26.82	—
(vii) Strengthening of services of District H.Q.	22.33	16.39	15.35	19.31	19.31	—
(viii) Estt. of Reserach Monitoring and evaluation cell in Health Directorate	2.14	0.83	0.80	0.95	0.95	—
(ix) Estt. of Survey team to find out Morbidity Pattern in Tribal Areas	5.17	1.60	1.24	1.75	1.75	—
(x) Estt. of Transport Workshop at Tanda	3.03	2.67	2.00	2.97	2.97	—
(xi) Estt. of Audio-visual services in Tribal Areas	2.09	0.58	0.52	0.65	0.65	—
(xii) Cont. of Exp. on Leprosy Control Programme	5.70	8.36	7.30	9.76	9.76	—
(xiii) Providing Additional incentives under FW Programme by state Government	169.54	15.00	25.00	16.00	16.00	—
(xiv) Providing of G.I.A. to Indian Red Cross Societies	2.00	11.00	6.00	2.00	2.00	—
(xv) Decretal Charge awarded by the Court in respect of case No. 71/83 (Sh. Tej Ram v/s the State of H. P.)	0.55	—	—	—	—	—
(xvi) Provision for Publicity	1.00	0.50	0.50	0.55	0.55	—
Sub Total—III	373.12	109.08	114.96	117.19	117.19	—

(Rs. in lakh)

1	2	3	4	5	6	7
IV. Continuation of Exp. on E. S. I. Dispensary ...		25.18	6.62	6.62	7.24	7.24
V. C. S. S. on 50:50 Sharing Basis :						
(i) National Malaria Eradication Prog. ..		378.82	64.97	64.97	85.21	85.21
(ii) National T.B. Control Programme ..		109.98	20.00	20.00	47.00	47.00
Sub Total—(V) ..		488.80	84.97	84.97	132.21	132.21
Total—O.M.N.P.—(b) ..		1684.39	358.45	393.07	458.10	458.10
Total—(Allopathy) ..		3194.95	905.00	955.52	1070.00	1070.00
<b>2 AYURVEDA:</b>						
(i) Cont. Exp. on staff of Dte. & its further Strengthening ..		25.18	8.82	13.25	11.20	11.20
(ii) Cont. Exp. on staff & Dist. Estt. & their further strengthening ..		19.39	7.50	10.86	9.01	9.01
(iii) Cont. Exp. on Ayur. Hospitals (Urban)		60.74	23.11	31.07	31.00	31.00
(iv) Cont. Exp. on Ayur. Pharmacies (Urban & Rural) ..		13.39	4.16	3.03	7.35	7.35
(v) Cont. Exp. on Ayur. Hospitals (Rural) ..		19.11	6.47	7.61	7.87	7.87
(vi) Cont. Exp. on Panch Karma Unit (Rural) ..		2.27	3.14	1.20	4.12	4.12
(vii) Cont. Exp. on Ayur. Rural health centres NTA) ..		28.63	12.62	24.70	62.45	62.45
(viii) Cont. Exp. on Nature care unit (Rural) ..		6.65	2.12	1.57	2.15	2.15
(ix) Cont. Exp. on Ayur. Rural Health Centres in Backward Areas ..		25.34	12.69	20.51	22.65	22.65
(x) Cont. Exp. on Ayur. Rural Health Centres (SCP Areas) GIA to Homeopathy Council. ..		27.26	12.35	23.04	24.00	24.00
(xi) Cont. Exp. on Ayur. College Paprola ..		20.12	6.77	8.26	8.85	8.85
(xii) Cont. Exp. on reserach in ISM Jogindernagar ..		10.98	1.47	4.10	2.78	2.78
(xiii) Exp. on Minor Works ..		0.20	0.40	0.50	1.45	1.45
(xiv) Cont. Exp. on Ayur. Rural Health Centres in Tribal Areas ..		23.37	12.80	26.74	16.93	16.93
(xv) Special Central Assistance & GIA to Bhoti, chikitsa. ..		—	—	0.35	1.00	1.00
Sub-Total ..		282.63	114.42	176.79	212.81	212.81
<b>CAPITAL OUTLAY:</b>						
(i) Construction of RAH, Shimla ..		—	3.00	—	2.16	2.16
(ii) Dte. of Ayur. complex at Jogindernagar ..		—	—	—	4.50	4.50
(iii) Boys Hostel Paprola ..		—	19.50	19.50	3.00	3.00
(iv) Construction of Ayur. Rural Health centres NTA ..		139.65	1.32	1.32	—	—
(v) Const. of Ayur. Rural Health centres in SCP Areas ..		—	2.65	2.65	4.00	4.00
(vi) Const. of Ayur. Rural Health centres in Backward Areas. ..		—	1.51	1.81	0.35	0.35
(vii) Const. of Ayur. Rural Health Centre in Tribal Areas ..		—	2.20	2.20	2.07	2.07
(viii) C/o Distt. Ayur. store at Nahan ..		—	—	—	1.00	1.00
(ix) Const. of Herbal Museum ..		—	0.40	—	—	—
Sub-Total ..		139.65	30.58	27.48	17.08	17.08
Publicity ..		—	—	—	0.11	0.11
Total—(Ayurveda) ..		422.28	145.00	204.27	230.00	230.00
<b>3. MEDICAL EDUCATION</b>						
..		729.63	215.00	313.35	250.00	250.00
<b>TOTAL HEALTH—XII</b> ..		<b>4346.86</b>	<b>1265.00</b>	<b>1473.14</b>	<b>1550.00</b>	<b>1550.00</b>

(Rs. in lakh)

1	2	3	4	5	6	7
<b>XIII. WATER SUPPLY &amp; SANITATION:</b>						
<b>1. WATER SUPPLY:</b>						
<b>(a) URBAN WATER SUPPLY :</b>						
(i) Direction & administration	..	97.17	60.00	62.23	66.00	66.00
(ii) Maintenance & Repairs	..	28.02	250.00	251.02	500.00	500.00
(iii) Repayment of HUDCO LOANS	..	—	2.00	10.50	112.00	112.00
(vi) Minor Works	..	0.69	—	—	—	—
(v) Works (including I.U.D.P.)	..	575.62	405.00	160.49	222.00	222.00
Sub-Total (a)	..	701.50	717.00	484.24	900.00	900.00
<b>(b) RURAL WATER SUPPLY:</b>						
(i) Direction & Administration	..	2361.26	646.00	761.23	711.00	711.00
(ii) Training	..	4.20	2.00	—	2.00	2.00
(iii) Machinery & Equipment	..	66.82	10.00	9.97	12.80	12.80
(iv) Repair & Maintenance	..	560.90	450.00	1483.93	500.00	500.00
(v) Minor Works	..	297.99	46.00	49.34	50.00	50.00
(vi) Testing Laboratory	..	3.23	2.00	1.98	2.00	2.00
(vii) Suspens	..	123.79	1.00	(—)48.17	1.00	1.00
(viii) Remodelling & Reconstruction of RDD scheme	..	9.18	15.00	—	—	—
(ix) Rejuvenation and Remodelling of defunct WSS	..	27.86	—	—	—	—
(x) Provision of Taps	..	—	200.00	181.58	493.00	493.00
(xi) Replacement/Renovation of old pumping system	..	—	—	—	20.00	20.00
(xiv) Remodelling/Rejuvenation of old W S S	..	—	—	—	25.00	25.00
(xiii) Publicity	..	—	—	—	2.20	2.20
(xiv) Works	..	4630.31	936.00	1010.48	1236.00	1236.00
Sub-Total—(b)	..	8085.54	2308.00	3450.34	3055.00	3055.00
Total—WATER SUPPLY	..	8787.04	3025.00	3934.58	3955.00	3955.00
<b>2. SEWERAGE AND SANITATION :</b>						
<b>(a) Sewerage:</b>						
(i) Direction & Administration	..	—	5.00	—	6.00	6.00
(ii) Maintenance & Repair	..	—	1.00	1.01	2.00	2.00
(iii) Works (Including I.U.D.P.)	..	114.47	84.00	39.02	92.00	92.00
Sub-Total—(a)	..	114.47	90.00	40.03	100.00	100.00
(b) Rural Sanitation	..	177.36	20.00	20.00	25.00	25.00
(c) Low Cost Sanitation:	..	92.47	15.00	15.00	20.00	20.00
TOTAL—SEWERAGE & SANITATION	..	384.30	125.00	75.03	145.00	145.00
<b>3. HOUSING</b>						
(a) POOLED GOVT. HOUSING INCLUDING POLICE HOUSING	..	1805.02	275.00	276.89	235.00	235.00
(b) LOAN TO GOVT. EMPLOYEES	..	670.00	190.00	190.00(P)	—	—
<b>(c) HOUSING DEPARTMENT :</b>						
(i) Provision for house sites to land less	..	1.90	—	—	1.00	1.00
(ii) Subsidy for the development of House sites in Urban Area	..	0.30	4.00	4.00	0.30	0.30
<b>P-Provisional</b>						

(Rs. in lakh)

1	2	3	4	5	6	7
(iii) Subsidy for the replcement of wooden roofs into tin sheets ..	7.45	1.50	1.50	0.50	0.50	0.50
(iv) Interest subsidy on banking loan for purchase of tin sheets ..	1.70	0.50	0.50	0.50	0.50	0.50
(v) Irrecoverable loan written off ..	0.30	0.60	—	0.20	0.20	0.20
(vi) Repayment of HUDCO loans under rental Housing schemes for Govt. Employees ..	185.02	13.00	12.57	8.00	8.00	8.00
(vii) Share of investment / excess Exp. incurred by the H. B. in existing rental Housing Colonies ..	—	11.00	10.39	10.00	10.00	10.00
(viii) Repayment of HUDCO loans under flood relief schemes. ..	—	20.00	18.54	35.00	35.00	35.00
(ix) Repayment of HUDCO loans under Police rental Housing schemes ..	—	4.00	—	6.00	6.00	6.00
(x) Grant of loan to Economically weaker section in Urban Area ..	22.98	2.00	2.00	3.00	3.00	3.00
(xi) Loans under VHP schemes ..	1.60	—	—	—	—	—
(xii) Loans to Housing Board ..	131.00	60.00	60.00	80.00	80.00	80.00
(xiii) Loans under LIGH scheme ..	121.54	36.40	34.59	20.00	20.00	20.00
(xiv) Loans under MIGH scheme ..	97.57	22.00	26.20	15.50	15.50	15.50
(xv) Others ..	—	500.00	—	—	—	—
Sub-Total—(C) ..	571.36	675.00	170.29	180.00	180.00	180.00
(d) RURAL HOUSING ..	77.48	10.00	10.00	20.00	20.00	20.00
<b>TOTAL—HOUSING ..</b>	<b>3123.86</b>	<b>1150.00</b>	<b>647.18</b>	<b>435.00</b>	<b>435.00</b>	<b>435.00</b>
<b>4. URBAN DEVELOPMENT :</b>						
(a) Town & Country Planning ..	242.80	55.00	59.40	77.00	77.00	77.00
(b) Enviroinment Improvement of Slums ..	102.00	40.00	40.00	48.00	48.00	48.00
(c) GIA to local Bodies & Directorate of Urban Local Bodies :						
(i) Urban Development ..		10.00	10.00	33.00	33.00	33.00
(ii) Water Supply ..	272.24	10.00	12.55	15.00	15.00	15.00
(iii) Roads & Bridges ..		10.00	10.00	12.00	12.00	12.00
(iv) Urban basic services ..	10.25	9.00	—	10.00	10.00	10.00
(v) Nehru Rozgar Yojna ..	54.81	30.00	27.87	25.00	25.00	25.00
(vi) General Direction & Administration ..	39.07	11.00	9.87	12.00	12.00	12.00
Sub-Total (c) ..	376.37	80.00	70.29	107.00	107.00	107.00
(d) Urban development Authority (Including I.U.D.P.) ..	1036.70	260.00	322.08	220.00	220.00	220.00
<b>TOTAL—URBAN DEV, ..</b>	<b>1757.87</b>	<b>435.00</b>	<b>491.77</b>	<b>452.00</b>	<b>452.00</b>	<b>452.00</b>
<b>TOTAL—XIII—WATER SUPPLY AND SANITATION, HOUSING AND URBAN DEVELOPMENT</b>	<b>14053.07</b>	<b>4735.00</b>	<b>5148.56</b>	<b>4987.00</b>	<b>4987.00</b>	<b>4987.00</b>
<b>XIV, INFORMATION AND PUBLICITY:</b>						
(i) Films:						
(a) Direction & publicity; special staff for plan publicity ..	30.61	15.62	15.33	20.00	20.00	20.00
(b) Production of video films ..	1.50	1.00	1.00	2.00	2.00	2.00
(ii) Advertising & visual publicity (Press Advertisement) ..	132.50	6.34	41.33	8.66	8.66	8.66
(iii) Information Centres ..	1.13	1.34	3.13	1.55	1.55	1.55
(iv) Field publicity (Exhibition scheme) ..	12.11	1.38	1.13	2.50	2.50	2.50
(v) Video display units (Mobile Cinema scheme) ..	7.74	3.28	2.71	3.74	3.74	3.74
(vi) Publicity scheme ..	4.87	1.53	1.35	2.50	2.50	2.50
(vii) Songs & Drama scheme ..	7.89	—	—	—	—	—
(viii) Photo services ..	0.60	—	—	—	—	—
(ix) Publication scheme (Purchase of modern Equipment) ..	7.38	2.67	3.44	4.43	4.43	4.43
(x) Television scheme ..	67.92	13.84	13.47	20.15	20.15	20.15
(xi) Tribal Area sub-Plan ..	41.37	25.00	12.77	15.00	15.00	15.00
(xii) Capital Account ..	20.48	28.00	8.00	24.47	24.47	24.47
<b>TOTAL—XIV—INFORMATION AND PUBLICITY..</b>	<b>336.10</b>	<b>100.00</b>	<b>103.66</b>	<b>105.00</b>	<b>105.00</b>	<b>105.00</b>

1	2	3	4	5	6	7
<b>XV. WELFARE OF SC's/ST's &amp; OBC's</b>						
<b>1. Welfare of Backward Classes:</b>						
<b>(A) WELFARE OF SCH. CASTES</b>						
(1) Economic betterment of SCs ..	11.91	3.00	6.81	4.20	4.20	4.20
(2) Award for Inter-caste Marriages ..	11.52	2.25	4.04	3.30	3.30	3.30
(3) Environmental Improvement of Harizan Basties ..	10.21	3.75	4.29	8.40	8.40	8.40
(4) Matching Grant for C.S.S.						
(i) Book Bank ..	—	0.40	—	0.45	0.45	0.45
(ii) P.C.R. Act ..	0.50	0.75	0.75	1.00	1.00	1.00
(iii) Girls Hostels ..	6.71	5.00	5.00	5.50	5.50	5.50
(iv) Scholarship to the children of those who are engaged in unclean occupations ..	1.00	0.30	—	0.30	0.30	0.30
(v) Pre-examination coaching Centres ..	11.66	4.50	—	5.34	5.34	5.34
(5) Electrification of SC & ST Houses ..	84.00	3.75	—	4.00	4.00	4.00
(6) Award to Panchyats ..	—	4.00	—	3.85	3.85	3.85
(7) Public Campaign ..	—	1.50	—	5.00	5.00	5.00
(8) Compensation to SC victim of atrocities ..	0.14	—	0.15	1.00	1.00	1.00
(9) Educations—						
(a) Technical scholarships ..	12.78	4.00	3.98	5.21	5.21	5.21
(b) Proficiency in typing & short-hand ..	0.76	1.20	0.34	1.15	1.15	1.15
(10) Health—Drinking water supply scheme ..	4.47	7.50	6.93	8.00	8.00	8.00
(11) Housing Subsidy ..	85.40	16.50	20.02	41.00	41.00	41.00
(12) C/o Houses for Vulnerable Groups ..	6.52	2.10	2.10	5.50	5.50	5.50
<b>(B) WELFARE OF SCHEDULED TRIBES</b>						
(1) Technical Scholarship ..	3.98	3.00	1.67	3.10	3.10	3.10
(2) Economic Betterment of ST ..	12.50	1.35	1.20	1.30	1.30	1.30
(3) Housing Subsidy ..	61.37	10.50	22.00	19.00	19.00	19.00
(4) Girls Hostels ..	1.07	15.00	—	5.91	5.91	5.91
(5) Ashram Schools ..	7.21	3.00	2.23	7.43	7.43	7.43
(6) Gujjar School at Sehu, Indora & Bharanu ..	24.84	—	1.02	4.46	4.46	4.46
(7) Tribal Advisory Council ..	—	—	0.41	1.20	1.20	1.20
<b>(C) WELFARE OF OBC'S</b>						
(1) Technical Scholarship ..	4.60	4.00	2.38	4.40	4.40	4.40
(2) Direction & Administration ..	29.49	17.65	13.60	18.00	18.00	18.00
(3) C/o Office Building ..	—	10.00	—	11.00	11.00	11.00
<b>Total—Welfare of SC's/ST's/OBC's (A+B+C) ..</b>	<b>393.64</b>	<b>125.00</b>	<b>98.92</b>	<b>179.00</b>	<b>179.00</b>	<b>179.00</b>
<b>SC/ST Development Corporation ..</b>	<b>167.73</b>	<b>35.00</b>	<b>35.00</b>	<b>40.00</b>	<b>40.00</b>	<b>40.00</b>
<b>TOTAL—XV—SC's/ST's &amp; OBC's ..</b>	<b>561.37</b>	<b>160.00</b>	<b>133.92</b>	<b>219.00</b>	<b>219.00</b>	<b>219.00</b>
<b>XVI. LABOUR AND LABOUR WELFARE:</b>						
<b>A. LABOUR.</b>						
(1) Direction and Administration ..	1.78	0.40	0.54	0.45	0.45	0.45
(2) Industrial Relation Enforcement of labour laws ..	27.14	12.73	11.76	14.25	14.25	14.25
(3) Settlement of disputes ..	9.48	3.50	4.82	—	—	—
(4) Rehabilitation of Bonded labour (S.C. component Plan) ..	0.76	—	—	—	—	—
(5) Working condition and safety ..	1.35	0.80	0.37	0.90	0.90	0.90
(6) Construction of Labour shed ..	15.80	4.00	5.66	6.29	6.29	6.29
(7) Acquisition of land for directorate Buildings ..	—	1.76	—	—	—	—
(8) Setting-up of Labour welfare fund ..	—	—	—	4.16	4.16	4.16
<b>TOTAL—LABOUR ..</b>	<b>56.31</b>	<b>23.19</b>	<b>23.15</b>	<b>26.05</b>	<b>26.05</b>	<b>26.05</b>
<b>B. EMPLOYMENT:</b>						
1. Extension coverage of Emp. services ..	35.14	15.82	16.93	17.70	17.70	17.70
2. Special Employment Exchange for SC ..	0.06	0.18	0.01	0.20	0.20	0.20



1	2	3	4	5	6	7
3. Special Employment exchange for Ex-SM.	..	3.00		Scheme Transferred to Director Sanik welfare.		
4. Employment services in tribal Area	..	4.48	4.00	1.73	4.00	4.00
5. Research survey and Statistics	..	—	0.10	—	0.11	0.11
6. University Employment for formation and Guidance Bureau	..	1.15	0.80	1.14	0.91	0.91
7. Vocational Guidance and Employment Counseling	..	2.46	0.91	0.98	1.03	1.03
8. Computerisation of Employment exchange	..	2.85	—	—	—	—
Total—Employment	..	49.14	21.81	20.79	23.95	23.95
Total—Labour & Employment	..	105.45	45.00	43.94	50.00	50.00

## XVII. SOCIAL WELFARE: AND NUTRITION :

## 1. Social Welfare

## I. DIRECTION &amp; ADMINISTRATION :

(1) Rehabilitation allowance to Lepers	..	10.37	14.00	12.30	12.60	12.60
(2) Staff for Handicapped Home Sundernagar	..	—	1.06	6.09	1.21	1.21
(3) Staff under Juvenile Justice Act	..	—	0.09	—	0.15	0.15
(4) Staff for state home Bilaspur	..	—	2.70	1.68	3.03	3.03

## II. WELFARE OF HANDICAPPED :

(1) Scholarships to handicapped	..	3.35	2.10	2.20	2.10	2.10
(2) Aid for purchase and fitting of Artificial limbs	..	2.79	0.55	2.11	1.30	1.30
(3) Home for mentally retarded Children	..	—	1.00	1.14	1.00	1.00
(4) Marriage grant to handicapped	..	0.75	0.50	0.35	0.50	0.50
(5) Vocational rehabilitation centre for handicapped	..	7.37	2.25	1.50	2.25	2.25

## III. MATCHING GRANT FOR C.S.S.:

(1) Home for Deaf and Dumb	..	1.73	0.30	1.00	0.30	0.30
(2) Leper home colony	..	0.65	1.00	—	1.00	1.00
(3) Home for Physically handicapped	..	1.06	0.30	—	0.30	0.30
(4) Petrol Subsidy	..	—	0.05	—	0.05	0.05

Total	..	28.07	25.90	22.37	25.79	25.79
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## IV. CHILD WELFARE:

(1) Salaries	..	100.89	25.00	29.75	30.00	30.00
(2) Rehabilitation of inmates of Bal/Balika Ashram	..	0.56	2.38	0.09	2.38	2.38
(3) After care vocation centre	..	—	0.50	0.62	0.50	0.50
(4) Home for children in need of care and protection	..	5.05	0.25	1.82	0.25	0.25

Total	..	106.50	28.13	32.28	33.13	33.13
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## V. WOMEN WELFARE:

(1) Foster care services	..	1.48	2.65	0.17	2.65	2.65
(2) Marriage Grants to destitute Girls/women	..	7.57	1.25	4.68	3.25	3.25
(3) Vocational training women in distress	..	2.36	0.70	0.46	0.70	0.70
(4) Working Women Hostel	..	17.55	2.00	2.00	2.00	2.00
(5) State homes	..	8.36	4.00	1.50	6.00	6.00

Total	..	37.32	10.60	8.81	14.60	14.60
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## VI. WELFARE OF DESTITUTE:

(1) Home for aged and infirms	..	8.25	3.75	3.25	4.00	4.00
(2) Grant to voluntary agencies	..	21.64	1.00	3.34	2.25	2.25
(3) Repair/Running and Maintenance of Bal/Balika Ashrams	..	25.97	11.00	8.09	11.00	11.00

(Rs. in lakh)

1	2	3	4	5	6	7
(4) Grant for construction of Buildings	..	—	0.38	0.38	0.38	0.38
(5) Hostel at Mehla	..	5.97	2.65	2.00	2.65	2.65
(6) Awareness campaign	..	—	0.50	—	0.50	0.50
(7) C/o Building under Juvenile Justice Act	..	—	1.94	1.94	4.55	4.55
(8) Financial assistance to destitute Girls/women	..	—	1.00	—	1.00	1.00
<b>Total</b>	..	<b>61.83</b>	<b>22.22</b>	<b>19.00</b>	<b>26.33</b>	<b>26.33</b>
<b>VII OTHERS :</b>						
(1) Welfare of Ex-Prisoners	..	—	0.15	—	0.15	0.15
(2) Grant to Legal welfare Board	..	—	—	—	3.00	3.00
(3) Pensions	..	—	750.00	652.59	100.00	100.00
(4) Women welfare Co-operation	..	4.00	13.00	13.00	5.00	5.00
(5) Miscellaneous scheme which are not included above	..	33.55	—	—	—	—
<b>Sub-Total</b>	..	<b>37.55</b>	<b>763.15</b>	<b>665.59</b>	<b>108.15</b>	<b>108.15</b>
<b>Total—Social Welfare</b>	..	<b>271.27</b>	<b>850.00</b>	<b>748.05</b>	<b>208.00</b>	<b>208.00</b>
<b>2. SPECIAL NUTRITION PROGRAMME :</b>						
(1) Special Nutrition Programme	..	603.50	225.00	225.00	225.00	225.00
<b>Total—Social Welfare &amp; Nutrition</b>	..	<b>874.77</b>	<b>1075.00</b>	<b>973.05</b>	<b>433.00</b>	<b>433.00</b>
<b>TOTAL—(B) SOCIAL SERVICES</b>	..	<b>30100.36</b>	<b>11265.00</b>	<b>11722.69</b>	<b>11718.00</b>	<b>11718.00</b>
<b>(C)—XVIII—GENERAL SERVICES :</b>						
<b>1. PRINTING AND STATIONERY</b>						
1. Construction of Buildings	..	144.00	20.00	—	10.00	10.00
2. Stationery & Printing (Revenue Section)	..	126.00	40.00	30.17	60.00	60.00
<b>Total—1</b>	..	<b>270.00</b>	<b>60.00</b>	<b>30.17</b>	<b>70.00</b>	<b>70.00</b>
<b>2. Pooled Non-Residential Govt. Buildings :</b>						
(i) 8th/9th Finance Commission	..	—	—	20.91	—	—
(ii) Other than Finance Commission	..	2139.37	500.00	623.98	475.00	475.00
<b>Total—2</b>	..	<b>2139.37</b>	<b>500.00</b>	<b>644.89</b>	<b>475.00</b>	<b>475.00</b>
<b>3. OTHERS :</b>						
(i) HIPA	..	105.61	30.00	27.83	40.00	40.00
(ii) Nucleus Budget for Tribal Areas	..	177.97	53.00	53.00	52.50	52.50
<b>(iii) Tribal Development Machinery :</b>						
(a) Expenditure on secretariate staff	..	11.27	3.00	3.58	3.50	3.50
(b) Model village scheme in Districts (ITDPS)	..	18.00	4.00	4.00	4.00	4.00
<b>Sub-Total —(iii)</b>	..	<b>29.27</b>	<b>7.00</b>	<b>7.58</b>	<b>7.50</b>	<b>7.50</b>
(iv) Equity to Ex-Servicemen corporation including PEXSEM	..	103.52	26.00	22.58	32.00	32.00
<b>Total—XVIII—(C)—General Service</b>	..	<b>2825.74</b>	<b>676.00</b>	<b>786.05</b>	<b>677.00</b>	<b>677.00</b>
<b>GRAND TOTAL—I TO XVIII</b>	..	<b>132475.75</b>	<b>36000.00</b>	<b>37762.93</b>	<b>41000.00</b>	<b>41000.00</b>

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STATEMENTS EIGHTH FIVE YEAR PLAN—1992—97

AND

ANNUAL PLAN—1992—93

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**HEAD OF DEVELOPMENT-WISE-OUTLAYS AND EXPENDITURE-DRAFT EIGHTH FIVE YEAR  
PLAN 1992-97 AND ANNUAL PLAN 1992-93**

(Rs. in lakh)

Code No.	Major Heads/Minor Heads of Development	Annual Plan (1991-92)		Eighth Plan (1992—97)		Annual Plan (1992-93)	
		Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	Proposed Outlay	Of which Capital Content
1	2	3	4	5	6	7	8
<b>A. ECONOMIC SERVICES :</b>							
<b>1. AGRICULTURE AND ALLIED ACTIVITIES :</b>							
<b>101—2401</b>	<b>00 Crop Husbandry</b>						
	(a) Agriculture ..	1279.00	1279.00	9301.25	1480.00	1657.25	313.00
	(b) Horticulture ..	696.00	696.00	4622.00	694.60	976.00	330.90
	(c) Dry Land Farming ..	25.00	25.00	180.00	—	30.00	—
	Sub-Total ..	2000.00	2000.00	14103.25	2174.60	2663.25	643.90
<b>2402</b>	<b>00 Soil and Water Conservation :</b>						
<b>2406</b>	<b>01 (a) Agriculture ..</b>	220.00	220.00	2107.25	—	353.25	—
<b>101</b>	<b>(b) Forests ..</b>	140.00	140.00	1100.00	—	160.00	—
	Sub-Total ..	360.00	360.00	3207.25	—	513.25	—
<b>2403</b>	<b>00 Animal Husbandry ..</b>	282.00	282.00	2698.00	275.60	370.00	42.10
<b>2404</b>	<b>00 Dairy Development ..</b>	105.00	105.00	667.00	—	114.00	—
<b>2405</b>	<b>00 Fisheries ..</b>	140.00	140.00	1000.00	435.00	160.00	73.00
<b>2406</b>	<b>00 Forestry and Wild life ..</b>						
	(a) Forestry ..	3135.00	3135.00	34667.00	1800.00	4400.00	295.00
	(b) Wild life ..	125.00	125.00	969.00	187.10	145.00	31.60
	Sub-Total (a + b) ..	3260.00	3260.00	35636.00	1987.10	4545.00	326.60
<b>2415</b>	<b>00 Agriculture Research and Education :</b>						
	(a) Agriculture ..	151.00	151.00	1174.00	—	174.00	—
	(b) Horticulture ..	140.00	140.00	1325.00	—	200.00	—
	(c) Animal Husbandry ..	98.00	98.00	779.00	—	113.00	—
	(d) Forests ..	105.00	105.00	817.00	80.00	127.00	16.00
	(e) Fisheries ..	6.00	6.00	46.55	—	6.90	—
	Sub-Total ..	500.00	500.00	4141.55	80.00	620.90	16.00
<b>2416</b>	<b>00 Investment in Agriculture Financial Institutions :</b>						
	(a) Agriculture ..	10.00	10.00	50.00	—	10.00	—
	(b) Horticulture ..	123.00	123.00	189.00	189.00	45.00	45.00
	Sub-Total ..	133.00	133.00	239.00	189.00	55.00	45.00
<b>2435</b>	<b>01 Marketing and Quality Control :</b>						
	(a) Agriculture ..	35.00	35.00	285.00	200.00	55.00	40.00
	(b) Horticulture ..	465.00	465.00	4103.13	20.00	325.38	5.00
	Sub-Total ..	500.00	500.00	4388.13	220.00	380.38	45.00
<b>2435</b>	<b>60 Others :</b>						
	(a) Loans to Cultivators other than Horticulture Loans ..	1.00	1.00	6.00	—	1.00	—
<b>2425</b>	<b>00 Co-operation ..</b>	215.00	215.00	1707.00	857.15	370.00	224.00
<b>101—0000</b>	<b>00 Total—I ..</b>	<b>7496.00</b>	<b>7496.00</b>	<b>66793.18</b>	<b>6218.45</b>	<b>9792.78</b>	<b>1415.60</b>

(Rs. in lakh)

1	2	3	4	5	6	7	8		
<b>III. RURAL DEVELOPMENT :</b>									
102	2501	00	<b>Special Programme for Rural Development:</b>						
	2501	01	(a) Integrated Rural Development Programme ..	142.00	142.00	1118.00	—	180.00	—
			(b) Antyodaya Programme ..	118.00	118.00	600.00	—	100.00	—
	2501	04	(c) Integrated Rural Energy Programme (IREP) ..	80.00	80.00	614.00	—	104.00	—
	Sub-Total ..			340.00	340.00	2332.00	—	384.00	—
102	2505	00	<b>Rural Employment :</b>						
			(a) Special Employment Programme ..	246.00	246.00	2000.00	—	300.00	—
			(b) Jawahar Rojgar Yojna ..	254.00	254.00	1710.00	—	280.00	—
	Sub-Total ..			500.00	500.00	3710.00	—	580.00	—
102	2506	00	<b>Land Reforms :</b>						
			(a) Cadastral Survey and Record of Rights ..	276.00	276.00	2167.00	—	341.00	—
			(b) Supporting Services ..	1.00	1.00	8.00	—	1.00	—
			(c) Consolidation of Holdings ..	153.00	153.00	1350.00	—	220.00	—
			(d) Strengthening of L.R.A. ..	102.00	102.00	971.00	—	155.00	—
			(e) Revenue Housing ..	5.00	5.00	50.00	—	10.00	—
			(f) Forest Settlement ..	34.00	34.00	244.00	—	39.00	—
	Sub-Total ..			571.00	571.00	4790.00	—	766.00	—
	2515	00	<b>Others :</b>						
			1. Community Development ..	127.00	127.00	715.00	—	144.00	—
			2. Panchayats ..	93.00	93.00	760.00	209.00	135.00	31.20
102	0000	00	<b>TOTAL—II</b> ..	<b>1631.00</b>	<b>1631.00</b>	<b>12307.00</b>	<b>209.00</b>	<b>2009.00</b>	<b>31.20</b>
103	0000	00	<b>III. SPECIAL AREA PROGRAMMES :</b>						
<b>IV. IRRIGATION &amp; FLOOD CONTROL :</b>									
104	2701	00	Major and Medium Irrigation ..	307.00	307.00	2428.00	1828.00	234.00	168.00
	2702	00	Minor Irrigation :						
			(i) Irrigation & Public Health Including USAID ..	3025.00	3025.00	13750.00	11050.00	3025.00	2375.00
			(ii) Rural Development Department ..	25.00	25.00	200.00	—	40.00	—
	Sub-Total (i+ii) ..			3050.00	3050.00	13950.00	11050.00	3055.00	2375.00
	2702	00	Command Area Development ..	46.00	46.00	250.00	200.00	50.00	41.00
	2711	00	Flood Control ..	100.00	100.00	775.00	675.00	115.00	100.00
104	0000	00	<b>TOTAL—IV</b> ..	<b>3503.00</b>	<b>3503.00</b>	<b>17403.00</b>	<b>13753.00</b>	<b>3464.00</b>	<b>2684.00</b>
<b>V. ENERGY :</b>									
105	2801	00	<b>Power :</b>						
			(a) Generation ..	5505.00	5505.00	41600.00	41600.00	6930.00	6930.00
105	2801	05	(b) Transmission and Distribution ..	1210.00	1210.00	12008.00	12008.00	2268.00	2268.00
105	2801	06	(c) Rural Electrification ..	825.00	825.00	5550.00	5550.00	910.00	910.00
			(d) Survey & Investigation ..	40.00	40.00	250.00	250.00	50.00	50.00
			(e) Board's Buildings ..	10.00	10.00	100.00	100.00	20.00	20.00
			(f) Renovation and Modernisation of Power Houses ..	10.00	10.00	609.00	609.00	40.00	40.00
	Sub-Total—(Power) ..			7600.00	7600.00	60117.00	60117.00	10218.00	10218.00

(Rs. in lakh)

1	2	3	4	5	6	7	8
105 2810 00	<b>Non Conventional Energy Sources— Development of New and Renewable Sources of Energy :</b>						
01	Bio gas Development ..	85.00	85.00	600.00	600.00	90.00	90.00
02 038 60	Solar, Wind and other energy sources ..	15.00	15.00	223.00	—	36.00	—
105 0000 00	<b>Total—V</b> ..	<b>7700.00</b>	<b>7700.00</b>	<b>60940.60</b>	<b>60717.00</b>	<b>10344.00</b>	<b>10308.00</b>
106 0000	<b>VI. INDUSTRIES AND MINERALS :</b>						
106 2851	Village and Small Industries ..	709.00	709.00	7200.00	2500.00	931.00	320.00
2852 00	Large and Medium Industries ..	450.00	450.00	4769.00	2650.00	534.00	330.00
2853 00	Mining ..	45.00	45.00	600.00	—	50.00	—
	<b>Total—VI</b> ..	<b>1204.00</b>	<b>1204.00</b>	<b>12569.00</b>	<b>5150.00</b>	<b>1515.00</b>	<b>650.00</b>
107 0000	<b>VII. TRANSPORT :</b>						
3053 00	Civil Aviation ..	25.00	25.00	125.00	—	25.00	—
3054 00	Road and Bridges ..	4290.00	4290.00	32660.00	32660.00	5255.00	5255.00
3055 00	Roads Transport ..	890.00	890.00	7575.00	7450.00	1189.00	1158.00
3056 00	Inland Water Transport ..	2.00	2.00	37.00	20.00	6.00	3.00
3075 00	Other Transport Services :						
	(a) Ropeways/Cableways ..	25.00	25.00	300.00	300.00	50.00	50.00
	(b) I.M.T. Studies ..	5.00	5.00	50.00	—	10.00	—
	Sub-Total (a + b) ..	30.00	30.00	350.00	300.00	60.00	50.00
107 0000 00	<b>Total—VII</b> ..	<b>5237.00</b>	<b>5237.00</b>	<b>40747.00</b>	<b>40430.00</b>	<b>6535.00</b>	<b>6466.00</b>
108 0000 00	<b>VIII. TELE-COMMUNICATION:</b>	50.00	50.00	510.00	—	92.00	—
109 0000	<b>IX. SCIENCE, TECHNOLOGY AND ENVIRONMENT</b>						
109 3425 00	Scientific Research including S&T	50.00	50.00	430.00	—	80.00	—
3435 00	Ecology and Environment ..	5.00	5.00	75.00	—	10.00	—
04	Water and Air Pollution Board ..	20.00	20.00	300.00	300.00	38.00	38.00
109 0000 00	<b>Total—IX</b> ..	<b>75.00</b>	<b>75.00</b>	<b>805.00</b>	<b>300.00</b>	<b>128.00</b>	<b>38.00</b>
110 0000	<b>X. GENERAL ECONOMIC SERVICES</b>						
110 3451 00	Secretariat Economic Services ..	70.00	70.00	473.00	—	75.00	—
3452 00	Tourism ..	260.00	260.00	2000.00	496.00	300.00	62.00
3454 00	Survey and Statistics ..	17.00	17.00	135.00	8.00	21.00	1.00
3455 00	Civil Supplies ..	364.00	364.00	4667.00	229.00	893.00	26.00
3470	Weights and Measures ..	8.00	8.00	60.00	—	10.00	—
3475 00	Other General Services ..						
	(a) Institutional Finance ..	6.00	6.00	50.00	—	8.00	—
	(b) District Planning ..	984.00	984.00	10000.00	10000.00	1000.00	1000.00
110 0000 00	<b>Total—X</b> ..	<b>1709.00</b>	<b>1709.00</b>	<b>17385.00</b>	<b>10733.00</b>	<b>2307.00</b>	<b>1089.00</b>
	<b>TOTAL—(A) GENERAL ECONOMIC SERVICES I TO X</b> ..	<b>28605.00</b>	<b>28605.00</b>	<b>230459.18</b>	<b>137510.45</b>	<b>36186.78</b>	<b>22681.80</b>
200 0000	<b>(B) SOCIAL SERVICES :</b>						
221 0000	<b>XI. EDUCATION :</b>						
221 2202 01	(a) Primary Education ..	628.00	628.00	6290.00	—	944.00	—
221 2202 01	(b) General & University Education ..	2972.00	2972.00	24527.00	1150.00	3788.00	170.00
2203 00	Technical Education ..	544.00	544.00	4220.00	1550.00	790.00	400.50
2404 00	Youth Services and Sports ..	71.00	71.00	582.00	219.00	89.00	28.92
2205 00	Art and Culture ..	105.00	105.00	750.00	115.00	116.00	17.50
	Others :						
	(a) Mountaineering & Allied Sports ..	45.00	45.00	365.00	160.00	56.00	25.00
	(b) Gazeriteer ..	9.00	9.00	67.00	—	12.00	—
	Sub-Total ..	54.00	54.00	432.00	160.00	68.00	25.00
221 0000 00	<b>Total—Education and Allied</b> ..	<b>4374.00</b>	<b>4374.00</b>	<b>36801.00</b>	<b>3194.00</b>	<b>5795.00</b>	<b>641.92</b>

(Rs. in lakh)

1	2	3	4	5	6	7	8	9
222 2216 00	XII. HEALTH:							
	1. Allopathy ..		1070.00	1070.00	10788.00	1000.00	1662.00	230.00
	2. Ayurveda and others ..							
	ISMS ..		230.00	230.00	1800.00	215.00	293.00	51.50
	3. Medical Education ..		250.00	250.00	1893.00	450.00	433.00	180.00
	<b>Total—Health ..</b>		<b>1550.00</b>	<b>1550.00</b>	<b>14481.00</b>	<b>1665.00</b>	<b>2388.00</b>	<b>461.50</b>
223 221 00	XIII. WATER SUPPLY AND SANITATION ..							
	1. WATER SUPPLY:							
	(a) Urban Water supply ..		900.00	900.00	6414.00	3449.00	878.00	505.00
	(b) Rural Water supply ..		3055.00	3055.00	24036.00	15866.00	4265.00	2929.00
	<b>Total—Water Supply ..</b>		<b>3955.00</b>	<b>3955.00</b>	<b>30450.00</b>	<b>19315.00</b>	<b>5143.00</b>	<b>3434.00</b>
	2. SEWERAGE AND SANITATION:							
	(a) Sewerage ..		100.00	100.00	1350.00	1295.00	75.00	66.00
	(b) Rural Sanitation ..		25.00	25.00	5685.00	—	725.00	—
	(c) Low Cost Sanitation ..		20.00	20.00	60.00	—	12.00	—
	<b>Total—Sewerage and Sanitation ..</b>		<b>145.00</b>	<b>145.00</b>	<b>7095.00</b>	<b>1295.00</b>	<b>812.00</b>	<b>66.00</b>
223 2210 00	3 HOUSING							
	(a) Pooled Govt. Housing ..		235.00	235.00	4320.00	4320.00	617.00	617.00
	(b) Housing Department ..		180.00	180.00	963.00	938.00	200.00	197.80
	(c) Rural Housing ..		20.00	20.00	175.00	—	35.00	—
	<b>Total—Housing ..</b>		<b>435.00</b>	<b>435.00</b>	<b>5458.00</b>	<b>5258.00</b>	<b>852.00</b>	<b>814.80</b>
223 2217 00	4 URBAN DEVELOPMENT:							
	(a) Town and Country Planning ..		77.00	77.00	570.00	130.00	95.00	25.00
	(b) Environmental Improvement of Slums ..		48.00	48.00	315.00	315.00	63.00	63.00
	(c) G.I.A. to Local Bodies and Directorate of ULB ..		107.00	107.00	1088.00	—	185.00	—
	(d) Urban Development Authority ..		220.00	220.00	1175.00	1175.00	135.00	135.00
	<b>Total—Urban Development ..</b>		<b>452.00</b>	<b>452.00</b>	<b>3148.00</b>	<b>1620.00</b>	<b>478.00</b>	<b>223.00</b>
	<b>TOTAL—WATER SUPPLY AND SANITATION, HOUSING AND URBAN DEVELOPMENT ..</b>		<b>4987.00</b>	<b>4987.00</b>	<b>46151.00</b>	<b>27488.00</b>	<b>7285.00</b>	<b>4537.80</b>
224 2220 00	XIV Information and Publicity ..		105.00	105.00	678.00	—	123.00	—
225 2225 00	XV Welfare of SCs/STs/ OBCs:							
	1. Welfare of Backward classes ..		179.00	179.00	1406.00	171.00	212.00	12.00
	2. SC/ST Development Corporation ..		40.00	40.00	250.00	—	45.00	—
	<b>Total—Welfare of SCs/STs OBCs ..</b>		<b>219.00</b>	<b>219.00</b>	<b>1656.00</b>	<b>171.00</b>	<b>257.00</b>	<b>12.00</b>
226 2230 00	XVI Labour & Employment ..		50.00	50.00	435.00	40.00	66.00	8.00

(Rs. in lakh)

1	2	3	4	5	6	7	8
<b>XVII. SOCIAL WELFARE AND NUTRITION:</b>							
2327 225 00 1	Social Welfare ..	208.00	208.00	1545.00	50.00	275.00	6.00
227 223 00 2	S.N.P. Including ICDS ..	225.00	225.00	1300.00	—	260.00	—
<b>Total—Social Welfare ..</b>		<b>433.00</b>	<b>433.00</b>	<b>2845.00</b>	<b>50.00</b>	<b>535.00</b>	<b>6.00</b>
200 0000 00	<b>TOTAL—(B) SOCIAL SERVICES</b>	<b>11718.00</b>	<b>11718.00</b>	<b>103047.00</b>	<b>32608.00</b>	<b>16449.00</b>	<b>5667.22</b>
<b>XVIII. (C) GENERAL SERVICES:</b>							
2058 00	Stationery and Printing ..	70.00	70.00	533.00	533.00	95.00	95.00
2050 00	Pooled Non-Residential Government Buildings ..	475.00	475.00	3680.00	3680.00	545.00	545.00
2070 00	Others:						
	(a) HIPA ..	40.00	40.00	263.00	47.00	46.00	12.00
	(b) Nucleus Budget for Tribal Areas ..	52.50	52.50	350.00	—	70.00	—
	(c) Tribal Development Machinery ..	7.50	7.50	58.00	—	9.00	—
	(d) Equity to Ex-Servicemen Corpn. including PEXSEM ..	32.00	32.00	330.00	189.00	53.00	29.50
300 0000 00	<b>TOTAL—(C)—XVIII GENERAL SERVICES—</b>	<b>677.00</b>	<b>677.00</b>	<b>5214.00</b>	<b>4449.00</b>	<b>818.00</b>	<b>681.50</b>
999 9999 99	<b>GRAND TOTAL I TO XVIII</b>	<b>41000.00</b>	<b>41000.00</b>	<b>338720.18</b>	<b>174567.45</b>	<b>53453.78</b>	<b>29020.52</b>



**HEAD OF DEVELOPMENT/SCHEME-WISE OUTLAY AND EXPENDITURE DRAFT EIGHTH FIVE  
YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93)**

(Rs. in Lakh).

Sr. No.	Major Head/Minor Head of development/scheme	Annual Plan (1991-92)		Eighth Plan (1992-97)		Annual Plan (1992-93)	
		Approved Outlay	Anticipated Expenditure	Proposed Outlay	of which Capital Content	Proposed Outlay	Of which Capital Content
1	2	3	4	5	6	7	8
<b>A. ECONOMIC SERVICES :</b>							
<b>I. AGRICULTURE AND ALLIED ACTIVITIES:</b>							
<b>CROP HUSBANDARY</b>							
<b>(A) AGRICULTURE</b>							
1.	Direction and Administration ..	25.00	25.00	200.00	40.00	30.00	5.00
	Total—1 ..	25.00	25.00	200.00	40.00	30.00	5.00
2.	Multiplication and distribution of seeds/Agricultural Farms:						
	(i) Development of seed multiplication forms ..	11.50	11.50	100.00	—	15.00	—
	(ii) Construction of seed store ..	1.00	1.00	15.00	15.00	3.00	3.00
	(iii) Seed testing certification Laboratory G.I.A to— seed testing certificate Agency ..	5.00	5.00	50.00	—	10.00	—
	(iv) 100% subsidy on trans- portation of cereals and 50% subsidy to SC/ST Farmers ..	16.00	16.00	135.00	—	20.00	—
	(v) Improvement of Rice under Special food grain prod. Programme ..	21.50	21.50	150.00	—	25.00	—
	Total—2 ..	55.00	55.00	450.00	15.00	73.00	3.00
3.	Manure and Fertilizer:						
	(i) Distribution of fertili- zer ..	158.50	158.50	4325.00	25.00	275.00	5.00
	(ii) Soil Testing Centre ..	5.00	5.00	40.00	—	10.00	—
	(iii) Soil Testing Centre Kinnaur ..	1.00	1.00	10.00	—	2.00	—
	(iv) Quality control of inputs ..	0.30	0.30	10.00	—	1.00	—
	(v) National Project on development of Ferti- lizer ..	1.00	1.00	10.00	—	2.00	—
	(vi) Opening of additional outlets ..	6.70	6.70	50.00	—	10.00	—
	Total—3 ..	172.50	172.50	4445.00	25.00	300.00	5.00
4.	High Yielding Varieties						
	(i) Intensive Agricultural Programme ..	12.00	12.00	75.00	—	15.00	—
	(ii) Dhauladhar Project/ Changar Area ..	5.00	5.00	25.00	—	5.00	—
	Total—4 ..	17.00	17.00	100.00	—	20.00	—

1	2	3	4	5	6	7	8
5.	Plant Protection :	23.00	23.00	170.00	—	30.00	—
6.	Commercial Crops:						
	(i) Development of seed Potato ..	15.00	15.00	150.00	—	25.00	—
	(ii) Support price to Potato ..	100.00	100.00	310.00	—	40.00	—
	(iii) Production of seed Potato farms in tribal Areas ..	8.00	8.00	60.00	—	10.00	—
	(iv) Development of vegetable including farms ..	9.40	9.40	80.00	—	15.00	—
	(iv) Development of Ginger ..	3.00	3.00	30.00	—	5.00	—
	(vi) Development of Soyabean sunflower, Pulses and seeds ..	4.00	4.00	40.00	—	6.00	—
	(vii) GIA to Potato development Board ..	0.10	0.10	10.00	—	2.00	—
	(viii) Crop Insurance ..	5.00	5.00	50.00	—	10.00	—
	(ix) National oil seeds development project (50:50) basis ..	5.50	5.50	40.00	—	7.00	—
	(x) Special scheme for the development of vegetable and vegetable seed on a registered pattern basis ..	25.00	25.00	125.00	—	25.00	—
	(xi) Special scheme for the Development of saffron on a registered society pattern ..	25.00	25.00	125.00	—	25.00	—
	(xii) Tissue culture Laboratory under I.H.D.P. ..	10.00	10.00	—	—	—	—
	Total—6 ..	210.00	210.00	1020.00	—	170.00	—
7.	Scheme for Assisting the Small and Marginal Farmers in increasing the Agricultural Production ..	172.50	172.50	86.25	—	17.25	—
	Total—7 ..	172.50	172.50	86.25	—	17.25	—
8	Extension and Farmers Training :						
	(i) Agricultural information services ..	4.50	4.50	35.00	—	5.00	—
	(ii) Multiple cropping ..	1.50	1.50	7.00	—	1.50	—
	(iii) Crop Competition/ Demonstration on the fields of S. C. farms ..	6.00	6.00	20.00	—	3.50	—
	(iv) Farmers Training and Education ..	1.60	1.60	10.00	—	1.60	—
	(v) Additional Hostel accommodation at Mashobra/ Sundernagar ..	0.40	0.40	3.00	—	0.40	—
	(vi) G.S.T.C. Mashobra ..	6.00	6.00	35.00	—	6.00	—
	(vi) E.E.C. project for women ..	2.00	2.00	10.00	—	2.00	—
	(vii) USAID Project ..	100.00	100.00	200.00	—	200.00	—
	(ix) World Bank assisted T and V Project ..	450.00	450.00	2300.00	1400.00	760.00	300.00
	Total—8 ..	572.00	572.00	2620.00	1400.00	980.00	300.00

(Rs. in Lakh)

1	2	3	4	5	6	7	8
9.	<b>Agriculture Engineering:</b>						
	(i) Agricultural Implements and other Machinery ..	12.00	12.00	90.00	—	15.00	—
	(ii) G. I. A. to H. P. Agro. Industries ..	10.00	10.00	50.00	—	10.00	—
	Total—9 ..	22.00	22.00	140.00	—	25.00	—
10.	<b>Agriculture Economics and Statistics:</b>						
	(i) Planning and Evaluation machinery ..	0.10	0.10	10.00	—	2.00	—
	(ii) Timely reporting scheme (50:50) ..	6.40	6.40	40.00	—	6.50	—
	(iii) Improvements of crop statistics (50:50) ..	3.50	3.50	20.00	—	3.50	—
	Total—10 ..	10.00	10.00	70.00	—	12.00	—
	<b>TOTAL CROP—HUSBANDRY (AGRICULTURE)</b> ..	1279.00	1279.00	9301.25	1480.00	1657.25	313.00
	<b>CROP HUSBANDRY:</b>						
	<b>(B) HORTICULTURE :</b>						
	(1) Direction & Administration ..	5.00	5.00	38.75	—	5.75	—
	(2) Hort. Farms and Nurseries ..	42.00	42.00	350.00	30.00	60.00	3.00
	(3) Plant Nutrition Scheme (Manure & Fertilizer) ..	5.50	5.50	42.50	—	6.30	0.40
	(4) Plant Protection :						
	(a) Control of pest and diseases ..	5.00	5.00	38.50	—	5.75	—
	(b) Endemic area control scheme ..	35.00	35.00	271.25	—	40.25	—
	Sub-Total—4 ..	40.00	40.00	309.75	—	46.00	—
	<b>5. Horticulture Training and Extension Development:</b>						
	(a) Training of Farmers ..	3.00	3.00	21.00	5.00	3.50	0.50
	(b) Horticulture extension and development :						
	(i) Development of Fruit production ..	23.00	23.00	200.00	70.00	31.67	9.00
	(ii) Horticulture information scheme ..	4.50	4.50	35.00	—	5.25	—
	(iii) Development of Bee-keeping ..	6.50	6.50	45.00	5.00	7.50	1.00
	(iv) Development of Floriculture ..	5.00	5.00	48.50	—	7.75	—
	(v) Development of Mushroom rooms ..	6.00	6.00	56.50	10.00	7.00	2.00
	(vi) Development of Hops. ..	3.50	3.50	29.00	5.00	4.50	1.00
	Sub-Total—5 (b) ..	48.50	48.50	404.00	90.00	63.67	13.00
	Total—5 ..	51.50	51.50	425.00	95.00	67.17	13.50
6.	<b>Externally Aided Projects:</b>						
	(i) National Agriculture Extension Project-III ..	295.00	295.00	1420.00	300.00	505.00	265.00

1	2	3	4	5	6	7	8
	(ii) National Agriculture Extension Project-III Sub Project ..	5.00	5.00	5.00	—	5.00	—
	Sub-Total ..	300.00	300.00	1425.00	300.00	510.00	265.00
	(i) Indo-Italian olive dev. Project ..	10.00	10.00	136.00	12.60	70.28	7.00
	(ii) Indo-Dutch Mushrooms Dev. Project ..	10.00	10.00	75.00	10.00	10.00	5.00
	(iii) Hill Area Land and Water Dev. Project (USAID) ..	20.00	20.00	75.00	27.00	75.00	27.00
	(iv) Integrated water shed dev. Project in Kandi areas ..	33.00	33.00	—	—	—	—
	(v) Indo German Eco. Dev. Project ..	1.00	1.00	55.00	—	0.50	—
	(vi) Integrated Hort. Dev. project ..	53.00	53.00	1000.00	200.00	10.00	—
	(vii) Other projects, ..	1.00	1.00	—	—	—	—
	Total—6 ..	428.00	428.00	2766.00	549.60	675.78	320.90
7.	Assistance to Small & Marginal Farmers ..						
	(a) Subsidy on fruit Plants and other horticultural inputs, tools and implements etc. ..	40.00	40.00	245.00	—	36.00	—
	(b) Subsidy on Pesticides ..	—	—	65.00	—	10.00	—
	Total—7 ..	40.00	40.00	310.00	—	46.00	—
8.	Assistance to farming Co-operations ..	50.00	50.00	125.00	—	25.00	—
9.	Horticulture Economics & statistics ..	3.00	3.00	20.00	—	3.50	—
10.	Fruit Processing & utilisation ..	30.00	30.00	230.00	20.00	39.50	10.00
11.	Other Horticulture Dev. schemes ..	1.00	1.00	5.00	—	1.00	—
	Total (Crop Husbandry (Horticulture)) ..	696.00	696.00	4622.00	694.60	976.00	330.90
C	Dry Land Farming ..	25.00	25.00	180.00	—	30.00	—
	TOTAL—1 CROP (HUSBANDRY) ..	2000.00	2000.00	14103.25	2174.60	2663.25	643.90
2.	SOIL CONSERVATION:						
	(a) Agriculture :						
	(i) Soil and Land use survey ..	1.00	1.00	5.00	—	1.00	—
	(ii) Soil and Water Conservation on Agricultural land (S.C.) ..	25.00	25.00	287.00	—	28.00	—
	(iii) Soil and Water Conservation on Agricultural land other than Tribal areas. ..	41.90	41.90	219.50	—	25.00	—
	(iv) Soil & water conservation on Agricultural Land—Tribal Areas ..	40.00	40.00	194.00	—	23.00	—

1	2	3	4	5	6	7	8
(v) Massive assistance to small and marginal farmers for increasing Production ..							
(i) L.S.D. ..	—	—	172.50	—	—	34.50	—
(ii) Irrigation ..	—	—	601.25	—	—	120.25	—
(vi) Kandi Area Project ..	48.00	48.00	250.00	—	—	50.00	—
(vii) Grant in aid of soil Conservation Loans write off. ..	0.10	0.10	3.00	—	—	0.50	—
(viii) National water shed management (50:50) ..	40.00	40.00	250.00	—	—	46.00	—
(ix) Construction of water storage Structure under Dry Land farming ..	19.00	19.00	100.00	—	—	20.00	—
(x) Changer Area ..	5.00	5.00	25.00	—	—	5.00	—
<b>TOTAL—(AGRICULTURE)</b>	<b>220.00</b>	<b>220.00</b>	<b>2107.25</b>	<b>—</b>	<b>—</b>	<b>353.25</b>	<b>—</b>

**(B) Forest****Soil Conservation :**

(i) Establishment (including Spill over from C.S.S. & Contingencies & Buildings etc. ..	85.00	85.00	600.00	—	—	100.00	—
(ii) Protective afforestation & demonstration ..	20.00	20.00	335.00	—	—	49.00	—
(iii) Revamping of land use Board. ..	1.00	1.00	5.00	—	—	1.00	—
(iv) Soil conservation activities in changer Project ..	5.00	5.00	150.00	—	—	5.00	—
(v) Water Harvesting Structure ..	10.00	10.00	—	—	—	—	—
(vi) Integrated self reliant village level development Project on society basis provision of seed money (New scheme)..	19.00	19.00	—	—	—	—	—
(vii) Soil conservation in Renuka wild Life sanctuary ..	—	—	10.00	—	—	5.00	—
<b>Total—(Forests) ..</b>	<b>140.00</b>	<b>140.00</b>	<b>1100.00</b>	<b>—</b>	<b>—</b>	<b>160.00</b>	<b>—</b>

**TOTAL—2— (SOIL AND****WATER CONSERVATION..**

<b>360.00</b>	<b>360.00</b>	<b>3207.25</b>	<b>—</b>	<b>—</b>	<b>513.25</b>	<b>—</b>
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**3. ANIMAL HUSBANDRY :****I DIRECTION AND ADMINISTRATION :**

(i) Special Project cell at Headquarters (50:50) C.S.S. ..	1.68	1.68	13.00	—	—	1.92	—
(ii) Strengthening of zonal offices ..	1.60	1.60	12.40	—	—	1.84	—
(iii) Continuation of expenditure on Headquarters Estt. ..	1.95	1.95	15.10	—	—	2.24	—

1	2	3	4	5	6	7	8
	(iv) Strengthening of field offices & Directorate during 8th Plan ..	—	—	20.00	—	2.00	—
	Sub-Total—I ..	5.23	5.23	60.50	—	8.00	—
<b>II. EDUCATION &amp; TRAINING:</b>							
	(i) Grant-in-aid to Vety. council (50:50) C.S.S. ..	0.50	0.50	3.45	—	0.55	—
	(ii) Award of scholarships/ stipend for Vety. Pharmacists and Farmers ..	0.20	0.20	1.55	—	0.25	—
	Sub-Total—II ..	0.70	0.70	5.00	—	0.80	—
<b>III VETY. SERVICES AND ANIMAL HEALTH:</b>							
	(i) Continuation of Exp. on centrally sponsored schemes F. M. D. Surveillance Diseases, Rinderpest, National Importance and Animal disease etc. scheme No 1,2,6, & 7 (50:50) C.S.S. ..	3.60	3.60	28.00	—	4.15	—
	(ii) Continuation of Exp. on 43 Sub-Divisional Hospitals, 25 Hospitals and 75 Vety. Dispensaries scheme No. 4,5,8,9,10, 11 & 12. ..	35.47	35.47	357.00	—	55.60	—
	(iii) Minor Works ..	2.00	2.00	30.00	30.00	3.50	33.50
	(iv) New Exp. on the A.S.H. of two Polyclinics during the 8 th Plan ..	—	—	40.00	—	—	—
	(v) New Exp. on the regularising of 83 Vety. dispensaries (17 each year) ..	—	—	154.00	—	9.00	—
	Sub-Total—III ..	41.07	41.07	609.00	30.00	72.25	3.50
<b>IV ADMINISTRATION, INVESTIGATION AND STATISTICS</b>							
	(i) Continuation of exp. on sample survey scheme on animal Products (50:50) C.S.S. ..	5.00	5.00	38.75	—	5.75	—
	Sub-Total—IV ..	5.00	5.00	38.75	—	5.75	—
<b>V CATTLE AND BUFFALO DEVELOPMENT:</b>							
	(i) Assistance for small & marginal Farmers for raising cross bread cows (50:50) C.S.S. ..	5.10	5.10	40.00	—	6.00	—
	(ii) Cont. of exp. on Frozen semen Lab. banks strengthening of						

1	2	3	4	5	6	7	8
	existing cattle breeding farms and I.C.D.P. Ghanahatti ..	12.47	12.47	123.00	—	17.55	—
(iii)	Dairing of farms and holding of calf rallies ..	0.10	0.10	1.00	—	0.15	—
(iv)	Continuation of expenditure on Gosadans ..	0.20	0.20	1.50	—	0.30	—
	Sub-Total—V ..	17.87	17.87	165.50	—	24.00	—
<b>VI. POULTRY DEVELOPMENT:</b>							
(i)	Continuation of expenditure on project for Poultry Dev. self employment in Shimla, Bilaspur and Una Distt. for weaker section (50:50) C.S.S. ..	5.00	5.00	38.80	—	5.75	—
(ii)	Continuation of expenditure on strengthening of existing poultry Farms ..	3.40	3.40	35.20	—	5.00	—
	Sub-Total—VI ..	8.40	8.40	74.00	—	10.75	—
<b>VII. SHEEP AND WOOL DEVELOPMENT:</b>							
(i)	Centrally sponsored scheme sheep production in Sirmour Distt. (50:50) C.S.S. ..	0.45	0.45	3.50	—	0.50	—
(ii)	Continuation of expenditure on strengthening of sheep farms, extension centres and establishment of Ram centres sheep disease control etc. ..	2.60	2.60	21.50	—	3.00	—
	Sub-Total—VII ..	3.05	3.05	25.00	—	3.50	—
<b>VIII. OTHER LIVESTOCK :</b>							
(i)	Expenditure on Horse Breeding units and subsidy for production of mules (50:50) C.S.S. ..	2.15	2.15	16.65	—	2.45	—
(ii)	Cont. of exp. on Angora rabbits, fur animals production and Pilot scheme and special dev. project for sheep/-Angora rabbit development on the lines of registered societies provision of seed money ..	5.60	5.60	45.00	—	6.55	—
	Sub-Total—VIII ..	7.75	7.75	61.65	—	9.00	—
<b>IX. FEED AND FODDER DEVELOPMENT:</b>							
(i)	Continuation of expenditure on fodder seed, planting material and production of fodder ..	5.00	5.00	38.60	—	5.75	—

1	2	3	4	5	6	7	8
	(ii) Continuation of expenditure on Indo-German ECO Dev Project changer Area and Integrated water shed Dev Project Grant-in-aid ..	8.00	8.00	—	—	—	—
	Sub-Total—IX ..	13.00	13.00	38.60	—	5.75	—
<b>X VETERINARY RESEARCH</b>							
	(1) Continuation of expenditure on Epidemiological studies vaccination against FMD for cross breed exotic Animals. ..	2.53	2.53	20.00	—	3.00	—
	(ii) Strengthening of the office of epidemiologist ..	—	—	7.00	—	1.00	—
	Sub-Total—X ..	2.53	2.53	27.00	—	4.00	—
<b>XI. WELFARE OF SCHEDULE CASTES-COMPONENT PLAN :</b>							
	(i) Continuation of expenditure on Estt. of vety Hospitals & vety. Dispensaries ..	42.00	42.00	325.70	—	48.50	—
	(ii) Opening of new two Polyclinics ..	—	—	7.00	—	—	—
	(iii) Opening of 20 veterinary Dispensaries, up-gradation of 15 vety. dispensaries into vety. Hospitals ..	—	—	40.00	—	2.50	—
	(iv) Education & Training: Grant-in-aid to H.P. wool federation ..	13.50	13.50	104.70	—	15.50	—
	(v) Breeding facilities for cattle & Buffaloes development ..	32.50	32.50	252.00	—	37.50	—
	(vi) Strengthening of liquid Nitrogen at Solan ..	—	—	5.00	—	0.50	—
	(vii) Capital outlay (Buildings) ..	10.00	10.00	77.60	77.60	11.50	11.50
	Sub-Total—XI ..	98.00	98.00	812.00	77.60	116.00	11.50
<b>XII DEVELOPMENT OF BACKWARD AREAS:</b>							
	(i) Continuation of exp. on 23 existing vety. Dispensaries & upgradation of 10 vety. Dispensaries into vety. Hospitals (2 per year and opening of 5 vety. Dispensaries 1 per year) ..	8.93	8.93	111.00	—	12.50	—
	(ii) Breeding facilities for cattle & Buffaloes training & education & holding of cattle shows ..	5.94	5.94	48.00	—	7.00	—
	(iii) Capital outlay (Buildings) ..	6.19	6.19	46.00	46.00	7.00	7.00
	(iv) Popularisation of Rabbits sheep production & marketing of wool ..						



(Rs. in Lakh)

1	2	3	4	5	6	7	8
	extension centres, Grant-in-aid to H. P. Wool Fed. ..	6.94	6.94	63.00	—	10.50	—
	Sub-Total—XII ..	28.00	28.00	268.00	46.00	37.00	7.00
<b>XIII TRIBAL SUB PLAN :</b>							
	(ii) Continuation of exp. on direction and Adminis- tration and its strength- ening ..	2.00	2.00	25.00	—	3.30	—
	(ii) Continuation of exp. on Estt. of Vety. Hospitals..	25.00	25.00	180.00	—	26.00	—
	(iii) New Exp. on 10 vety. Dispensaries (2 per year) and upgradation of 5 V.D.—1 per year into Vety. Hospitals ..	—	—	35.00	—	2.00	—
	(iv) Opening of one Poly- clinics ..	—	—	11.00	—	—	—
	(iv) Breeding facilities and hold- ing of shows com- petitions and special Dev. Project for sheep- Angora, Rabbits Dev. on the line of registered Societies ..	6.00	6.00	45.00	—	6.90	—
	(vi) Continuation of exp. on strengthening of sheep Farm, at Karchham, extension centres transi camps & Popularisation of Sheeps, Rabbits, Pashmina Goats, Sheep health cover and grant-in-aid to H.P. WOOL FED. ..	7.00	7.00	50.00	—	8.00	—
	(vii) Popularisation of poultry production ..	3.00	3.00	22.00	—	3.40	—
	(viii) Expenditure on activities taken over from D.D.P. (Pooh & Spiti) (Feed & Fodder Dev.) ..	—	—	20.00	—	3.00	—
	(ix) Capital works (Buildi- ings) ..	3.00	3.00	22.00	22.00	3.40	3.40
	Sub-Total—XIII ..	46.00	46.00	410.00	22.00	56.00	3.40
<b>XIV CAPITAL OUTLAY BUILD- INGS (GENERAL AREAS)</b>							
	(i) Continuation of expendi- ture on construction of Buildings (Non-Tribal) ..	5.00	5.00	100.00	100.00	16.70	16.70
	Sub-Total—XIV ..	5.00	5.00	100.00	100.00	16.70	16.70
	<b>XV PUBLICITY</b> ..	0.12	0.12	1.00	—	0.15	—
	<b>XVI COMPOSITE TESTING LAB KANDAGHAT</b> ..	0.28	0.28	2.00	—	0.35	—
	Sub-Total XV & XVI ..	0.40	0.40	3.00	—	0.50	—
	<b>TOTAL—ANIMAL HUSBANDRY</b> ..	282.00	282.00	2698.00	275.60	370.00	42.10

1	2	3	4	5	6	7	8
<b>4 DAIRY DEVELOPMENT :</b>							
(i) Strengthening of Dairy cell at Headquarters ..	0.60	0.60	—	—	—	—	—
(ii) Strengthening of milk supply scheme Kangra cont. of exp. ..	8.00	8.00	—	—	—	—	—
(iii) Cont. of expenditure on strengthening of M.S. S. Kullu ..	2.00	2.00	—	—	—	—	—
(iv) Cont. of expenditure on strengthening of M.S. S. Chamba ..	1.15	1.15	—	—	—	—	—
(v) Cont. of expenditure on strengthening of M.S. S. Shimla Distt., Kapu (Outer Seraj), Rohru, Chopal, Kotkhai, Sainj & Nathpa Jhakri ..	2.50	2.50	—	—	—	—	—
(vi) Cont. of exp. on incentive rewards to Youth Dairy Dev. Programme and Special Project on the line of registered society of seed money & funds allocated to Economic services H. P. Sectt. ..	8.75	8.75	—	—	—	—	—
(vii) Grant-in-aid to H.P. MILK FED including Sch. Caste component Plan/Tribal sub-Plan for operational deficit completion of incomplete civil works (including capital outlay) ..	—	—	—	—	—	—	—
(a) For the existing areas of operation under H. P. milk fed. ..	65.00	65.00	400.00	—	70.00	—	—
(v) For new areas yet to be transferred to H.P. milked from the Animal Husbandry department ..	17.00	17.00	267.00	—	44.00	—	—
<b>TOTAL—DAIRY DEVELOPMENT</b> ..	<b>105.00</b>	<b>105.00</b>	<b>667.00</b>	<b>—</b>	<b>114.00</b>	<b>—</b>	<b>—</b>

1	2	3	4	5	6	7	8
<b>FISHERIES :</b>							
<b>I Fisheries:</b>							
(i) Direction & Administration ..	9.54	9.54	100.00	58.00	11.00	2.50	
(ii) Inland Fisheries ..	85.22	85.22	588.00	316.00	98.40	60.20	
(iii) Processing, Preservation & Marketing ..	5.10	5.10	20.50	9.00	4.10	1.30	
(iv) Extension & training :							
(a) Assistance & FFDA ..	9.00	9.00	50.00	—	9.00	—	
(b) Extension ..	0.37	0.37	14.00	—	1.50	—	
(c) Training ..	1.67	1.67	6.50	2.00	1.50	0.50	
(vi) Other expenditure:							
(a) Creation of risk Fund ..	0.10	0.10	1.00	—	0.10	—	
(b) Promotion and development of Aquarium Fisheries ..	—	—	10.00	5.00	1.40	0.50	
II Scheduled Caste Component Plan ..	18.00	18.00	125.00	—	21.00	—	
III Tribal Sub-Plan ..	11.00	11.00	85.00	45.00	12.00	8.00	
<b>TOTAL—FISHERIES ..</b>	<b>140.00</b>	<b>140.00</b>	<b>1000.00</b>	<b>435.00</b>	<b>160.00</b>	<b>73.00</b>	
<b>6. FORESTRY AND WILD-LIFE :</b>							
<b>(a) FORESTRY:</b>							
(1) Direction & Administration ..	15.00	15.00	100.00	—	18.00	—	
(2) Statistics ..	6.00	6.00	35.00	—	7.00	—	
<b>(b) (3) EXTENSION AND TRAINING:</b>							
(a) Extension and Publicity ..	13.00	13.00	90.00	—	13.00	—	
(b) Education and Training ..	3.18	3.18	30.00	—	4.00	—	
(c) Forestry research and training ..	1.82	1.82	15.00	—	2.00	—	
Sub-Total—3 ..	18.00	18.00	135.00	—	19.00	—	
<b>(4) SURVEY OF FOREST PRODUCE:</b>							
(a) Survey of forest resources, including setting-up of remote sensing cell ..	2.00	2.00	15.00	—	2.00	—	
<b>(5) Forest Conservation and development:</b>							
(a) Survey & Demarcation ..	110.00	110.00	650.00	—	120.00	—	
(b) Working Plan Organisation ..	13.00	13.00	100.00	—	15.00	—	
<b>(c) Forest Protection :</b>							
(i) State scheme ..	10.00	10.00	100.00	—	12.00	—	
(ii) C.S.S. Development of infrastructure for protection of forests from biotic interference (State share) ..	5.00	5.00	40.00	—	7.00	—	
(iii) Development of Trekking routes of tourist importance ..	5.00	5.00	100.00	—	15.00	—	
(iv) F.A.O. Introduction of modern forest fire control method ..	—	—	10.00	—	—	—	
Sub-Total—5 ..	143.00	143.00	1000.00	—	169.00	—	

(Rs. in Lakh)

1	2	3	4	5	6	7	8
6.	<b>Social and Farm Forestry :</b>						
	(i) National Social Forestry (Umbrella-Project) ..	2260.00	2260.00	18000.00	1100.00	3000.00	200.00
	(ii) Forestry Extension under USAID Project ..	70.00	70.00	100.00	—	100.00	—
	(iii) C.S.S. Fuel/Fodder Project scheme ..	115.00	115.00	700.00	—	140.00	—
	(iv) Indo German ECO-Development Project (Changer Area) ..	10.00	10.00	770.00	—	20.00	—
	(v) World Bank Aided watershed development Project for Kandi Area ..	90.00	90.00	5000.00	—	350.00	—
	(vi) ODA aided Forest Development Project in the catchment Areas of Beas and Sutlej Rivers of Manji and Kullu District of H. P. ..	—	—	5387.00	—	100.00	—
	Sub-Total—6 ..	2545.00	2545.00	29957.00	1100.00	3710.00	200.00
7.	<b>Production Forestry :</b>						
	(i) Quick growing species ..	120.00	120.00	990.00	—	140.00	—
	(ii) Economic Plantations ..	120.00	120.00	990.00	—	140.00	—
	(iii) Regeneration of Chilgoza Pines ..	3.00	3.00	20.00	—	5.00	—
	Sub-Total—7 ..	243.00	243.00	2000.00	—	285.00	—
8.	<b>Pasture Improvement</b> ..	35.00	35.00	300.00	—	40.00	—
	Total—Social and Farm Forestry ..	2823.00	2823.00	32257.00	1100.00	4035.00	200.00
9.	<b>Forest Produce :</b> ..	3.00	3.00	25.00	—	4.00	—
10.	<b>Communication and Buildings:</b>						
	(a) Communication ..	55.00	55.00	500.00	350.00	65.00	45.00
	(b) Buildings ..	65.00	65.00	500.00	350.00	75.00	50.00
	Sub-Total—10 ..	120.00	120.00	1000.00	700.00	140.00	95.00
11	<b>Amenities to staff and Labour</b> ..	5.00	5.00	100.00	—	6.00	—
	Total—a—(Forestry) ..	3135.00	3135.00	34667.00	1800.00	4400.00	295.00
	<b>(b) WILD LIFE :</b>						
	<b>(a) STATE SECTOR SCHEMES :</b>						
	<b>Other Expenditure:</b>						
	(i) Wild life management and nature conservation ..	10.00	10.00	100.00	—	20.00	—
	(i) Wild Life:						
	(ii) Improvement and Dev. of W.L. sanctuaries ..	25.60	25.60	200.00	30.00	15.00	2.25
	Ecological Park:						
	(iii) Development of Himalayan Ecological Park ..	29.40	29.40	219.00	87.60	40.00	16.00
	<b>(b) (Central Sector Schemes</b>						
	(iv) Intensive management of Wildlife sanctuaries ..	28.94	28.94	235.00	35.25	36.00	5.40
	(v) Awareness for nature and wild life conservation amongst youth ..	3.97	3.97	30.00	3.00	5.00	0.50

(Rs. in lakh).

1	2	3	4	5	6	7	8
	(vi) Captive breeding and rehabilitation programme for endangered species ..	12.30	12.30	30.00	15.00	10.00	5.00
	(vii) Control of poaching and illegal trade ..	2.00	2.00	20.00	2.00	3.00	0.30
	(viii) Establishment of great Himalayan National Park Kullu ..	9.07	9.07	50.00	7.50	10.00	1.25
	(ix) Establishment of Pin valley Natural Park ..	3.72	3.72	45.00	6.75	6.00	0.90
	(x) Strengthening of Wild Life Wing ..	—	—	40.00	—	—	—
	<b>Total—b (Wild life ..</b>	<b>125.00</b>	<b>125.00</b>	<b>969.00</b>	<b>187.10</b>	<b>145.00</b>	<b>31.60</b>
	<b>Total (a+b) Forestry and Wild Life) ..</b>	<b>3260.00</b>	<b>3260.00</b>	<b>35636.00</b>	<b>1987.10</b>	<b>4545.00</b>	<b>326.60</b>
<b>7. AGRICULTURE, RESEARCH AND EDUCATION:</b>							
<b>(a) AGRICULTURE :</b>							
	(i) G.I.A. to H.P. Agriculture University for Education ..	151.00	151.00	1174.00	—	174.00	—
	<b>Total—Agriculture ..</b>	<b>151.00</b>	<b>151.00</b>	<b>1174.00</b>	<b>—</b>	<b>174.00</b>	<b>—</b>
<b>(b) HORTICULTURE :</b>							
	Horticulture ..	140.00	319.00	1325.00	—	200.00	—
<b>(c) ANIMAL HUSBANDRY :</b>							
	<b>Total—Animal Husbandry :</b>	<b>98.00</b>	<b>98.00</b>	<b>779.00</b>	<b>—</b>	<b>113.00</b>	<b>—</b>
<b>(d) FORESTS :</b>							
	<b>Total—Forests ..</b>	<b>105.00</b>	<b>105.00</b>	<b>817.00</b>	<b>80.00</b>	<b>127.00</b>	<b>16.00</b>
<b>(e) FISHERIES :</b>							
	<b>Total—Agr. Research and Education ..</b>	<b>500.00</b>	<b>500.00</b>	<b>4141.55</b>	<b>80.00</b>	<b>620.90</b>	<b>16.00</b>
<b>8. INVESTMENT IN AGRICULTURE FINANCIAL INSTITUTIONS :</b>							
<b>A. AGRICULTURE:</b>							
	<b>Total—(A)—Agriculture ..</b>	<b>10.00</b>	<b>10.00</b>	<b>50.00</b>	<b>—</b>	<b>10.00</b>	<b>—</b>
<b>B. HORTICULTURE:</b>							
	(i) Debenture Support to Himachal Pradesh State Co-op. land Dev. Bank ..	7.50	7.50	50.00	50.00	10.00	10.00
	(ii) Share Capital to H.P. Agro Ind. Corp./H.P.M.C. ..	15.00	15.00	75.00	75.00	15.00	15.00
	(iii) NABARD assisted enquiry to H.P.M.C. ..	100.50	100.50	64.00	64.00	20.00	20.00
	<b>Total—(B)—HORTICULTURE ..</b>	<b>123.00</b>	<b>123.00</b>	<b>189.00</b>	<b>189.00</b>	<b>45.00</b>	<b>45.00</b>
	<b>Total—Investment in Agr. Financial Institutions.</b>	<b>133.00</b>	<b>133.00</b>	<b>239.00</b>	<b>189.00</b>	<b>55.00</b>	<b>45.00</b>
<b>9. MARKETING &amp; QUALITY</b>							
<b>A. CONTROL:</b>							
<b>AGRICULTURE:</b>							
	(i) Regulated market ..	27.00	27.00	200.00	200.00	40.00	40.00

(Rs. in lak.h).

1	2	3	4	5	6	7	8
	(ii) G.I.A. to Market Board ..	3.00	3.00	50.00	—	10.00	—
	(iii) Grading service ..	5.00	5.00	35.00	—	5.00	—
	<b>Total—(A) AGRICULTURE ..</b>	<b>35.00</b>	<b>35.00</b>	<b>285.00</b>	<b>200.00</b>	<b>55.00</b>	<b>40.00</b>
	<b>B. HORTICULTURE:</b>						
	(i) Marketing scheme ..	5.00	5.00	40.00	—	6.00	—
	(ii) Farmers house Delhi ..	5.00	5.00	20.00	20.00	5.00	5.00
	(iii) Subsidy on Cartons etc ..	455.00	455.00	3000.00	—	200.00	—
	(iv) Support price (Market intervention scheme) ..	—	—	1000.00	—	100.00	—
	(v) Margin money for the construction of 5 cold storage at Calcutta ..	—	—	43.13	—	14.38	—
	<b>Total-(B)-Horticulture ..</b>	<b>465.00</b>	<b>465.00</b>	<b>4103.13</b>	<b>20.00</b>	<b>325.38</b>	<b>5.00</b>
	<b>Total—Marketing and quality control ..</b>	<b>500.00</b>	<b>500.00</b>	<b>4388.13</b>	<b>220.00</b>	<b>380.38</b>	<b>45.00</b>
<b>10.</b>	<b>LOANS TO CULTIVATORS OTHER THAN HORTICULTURE LOANS :</b>	1.00	1.00	6.00	—	1.00	—
<b>11.</b>	<b>CO-OPERATION :</b>						
	I Direction & Administration ..	25.50	25.50	178.00	50.00	28.00	—
	II. Training & Education :						
	(i) Training & Education ..	27.10	27.10	196.00	—	30.00	—
	(ii) Exhibition, study tour and seminar ..	2.20	2.20	10.00	—	3.00	—
	<b>Total—II ..</b>	<b>29.30</b>	<b>29.30</b>	<b>206.00</b>	<b>—</b>	<b>33.00</b>	<b>—</b>
	III. Audit of Co-operative societies ..	24.00	24.00	155.00	—	25.00	—
	IV. Credit Co-operatives :						
	1. Share capital to Pry. Agri. credit societies ..	7.70	7.70	60.00	60.00	10.00	10.00
	2. Managerial subsidy to Pry. Agri. Credit Societies ..	11.00	11.00	85.00	—	15.00	—
	3. Interest subsidy to credit co-operatives ..	13.20	13.20	60.00	—	10.00	—
	4. Interest subsidy to Apex./C.C.Bs. ..	—	—	52.00	—	8.15	—
	5. Share capital to Apex./Central Co-op. Banks ..	2.20	2.20	17.00	17.00	3.00	3.00
	6. Share capital to Apex./Pry. Land Dev. Banks ..	3.30	3.30	20.00	20.00	3.00	3.00
	7. Share Capital to Urban Co-op. Bank ..	—	—	7.50	7.50	1.50	1.50
	8. Managerial subsidy to Apex./Central Coop. Banks ..	0.30	0.30	3.00	—	0.85	—
	9. Managerial subsidy to Apex/Pry. Land Dev. Banks ..	0.80	0.80	3.00	—	1.45	—
	10. Agriculture Guarantee & Relief Funds ..	—	—	1.14	—	0.65	—
	<b>Total—IV ..</b>	<b>38.50</b>	<b>38.50</b>	<b>308.64</b>	<b>104.50</b>	<b>53.60</b>	<b>17.50</b>
	V. Warehousing Marketing & Storage:						
	1. Share capital to Marketing societies ..	7.50	7.50	58.00	58.00	8.50	8.50
	2. Managerial subsidy to Marketing Societies ..	2.50	2.50	22.00	—	3.00	—

(Rs. in lakh).

1	2	3	4	5	6	7	8
	3. Subsidy to Price Fluctuation Fund	0.95	0.95	10.00	—	1.10	—
	Total—V	10.95	10.95	90.00	58.00	12.60	8.50
<b>VI.</b>	<b>Processing Co-operatives :</b>						
	1. Share Capital to Processing Co-operatives	5.00	5.00	50.75	50.75	6.00	6.00
	2. Managerial Subsidy to Processing Co-operatives	1.20	1.20	9.25	—	1.40	—
	3. Cost Subsidy to Tea Factory	2.00	2.00	10.00	—	2.00	—
	4. Subsidy for training of Tea Growers	—	—	—	—	—	—
	Total—VI	8.20	8.20	70.00	50.75	9.40	6.00
<b>VII.</b>	<b>Consumer Co-operatives :</b>						
	1. Share Capital to consumer Co-operatives	4.50	4.50	36.00	36.00	6.00	5.00
	2. Managerial Subsidy to Consumer Co-operatives	1.00	1.00	10.00	—	1.50	—
	3. Interest Subsidy to Consumer Co-operatives	3.50	3.50	27.00	—	4.00	—
	4. Subsidy for the Construction of Rural & Marketing	0.35	0.35	3.00	—	0.25	—
	Total—VII	9.35	9.35	76.00	36.00	11.75	5.00
<b>VIII.</b>	<b>Fishermen Co-operatives:</b>						
	1. Share Capital to Fishermen Co-operatives	0.70	0.70	7.50	7.50	0.80	0.80
	2. Managerial Subsidy to Fishermen Co-operatives	0.40	0.40	4.50	—	0.45	—
	Total—VIII	1.10	1.10	12.00	7.50	1.25	0.80
<b>IX.</b>	<b>Industrial Co-operatives :</b>						
	1. Share Capital to Industrial Co-operatives	5.50	5.50	45.00	45.00	6.00	6.00
	2. Managerial Subsidy to Industrial Co-operatives	3.30	3.30	25.00	—	4.00	—
	Total—IX	8.80	8.80	70.00	45.00	10.00	6.00
<b>X.</b>	<b>Dairy Co-operatives :</b>						
	1. Share Capital to Dairy Co-operatives	—	—	1.60	1.60	—	—
	2. Managerial Subsidy to Dairy Co-operatives	0.70	0.70	5.40	—	0.80	—
	3. Subsidy for construction of Milk Booths	0.40	0.40	3.00	—	0.45	—
	Total—X	1.10	1.10	10.00	1.60	1.25	—
<b>XI.</b>	<b>Housing Co-operatives :</b>						
	1. Share Capital to Housing Co-operatives	5.70	5.70	50.00	50.00	7.50	7.50
	2. Managerial Subsidy to Housing Co-operatives	2.00	2.00	15.00	—	1.50	—
	Total—XI	7.70	7.70	65.00	50.00	9.00	7.50
<b>XII.</b>	<b>Labour &amp; Construction Co-operatives :</b>						
	1. Share Capital to Labour & Construction Co-operatives	0.35	0.35	3.00	3.00	0.40	0.40
	2. Managerial Subsidy to Labour & Construction Co-operatives	0.20	0.20	1.81	—	0.25	—
	Total—XII	0.55	0.55	4.81	3.00	0.65	0.40

1	2	3	4	5	6	7	8
<b>XIII. Other Co-operatives :</b>							
<i>(a) Poultry Co-operatives :</i>							
1. Share Capital to Poultry Co-operatives ..		0.35	0.35	0.80	0.80	0.40	0.40
2. Managerial Subsidy to Poultry Co-operatives ..		0.20	0.20	0.50	—	0.20	—
Total—(a)—XII ..		0.55	0.55	1.30	0.80	0.60	0.40
<i>(b) Transport Co-operatives :</i>							
1. Share Capital to Transport Co-operative ..		0.80	0.80	7.00	7.00	0.80	0.80
2. Managerial Subsidy to Transport Co-operatives ..		0.30	0.30	3.00	—	0.50	—
Total—(b)—XIII ..		1.10	1.00	10.00	7.00	1.30	0.80
<b>XIV Wool Cooperatives ..</b>							
1. Share Capital to Wool Co-ops. ..		0.55	0.55	4.00	4.00	0.60	0.60
2. Managerial Subsidy to wool Co-operatives ..		0.27	0.27	2.25	—	0.35	—
Total—XIV ..		0.82	0.82	6.25	4.00	0.95	0.60
<b>XV. Forest Co-operatives :</b>							
1. Managerial Subsidy to Forest Co-operatives ..		1.65	1.65	2.75	—	0.75	—
Total—XV ..		1.65	1.65	2.75	—	0.75	—
<b>XVI. Floriculture Co-operatives :</b>							
1. Share Capital to Floriculture Co-operatives ..		0.55	0.55	4.00	4.00	0.50	0.50
2. Managerial Subsidy to Floriculture Co-operatives ..		0.28	0.28	2.25	—	0.40	—
Total—XVI ..		0.83	0.83	6.25	4.00	0.90	0.50
<b>XVII Fruit/Vegetable Project :</b>							
1. Share Capital to Fruit & Vegetables Project ..		15.00	15.00	108.53	108.53	40.00	40.00
Total   XVII ..		15.00	15.00	108.53	108.53	40.00	40.00
<b>XVIII. Vanaspati Project :</b>							
1. Share Capital to Vanaspati Project (State Share) ..		15.00	15.00	192.47	192.47	90.00	90.00
<b>XIX. Tea Development Project :</b>							
1. Share Capital to Tea Development Project (State Share) ..		15.00	15.00	134.00	134.00	40.00	40.00
Total—Co-operation ..		215.00	215.00	1707.00	857.15	370.00	224.00
<b>TOTAL—I</b>		<b>7496.00</b>	<b>7496.00</b>	<b>67793.18</b>	<b>6218.45</b>	<b>9792.78</b>	<b>14115.50</b>
<b>II. RURAL DEVELOPMENT :</b>							
<b>1. Special Programme for Rural Development :</b>							
<b>(a) Integrated Rural Development Programme (IRDP)</b>							
(i) Subsidy to blocks including administrative exp. ..		103.50	103.50	790.00	—	115.50	—
(ii) TRYSEM training ..		—	—	100.00	—	20.00	—



(Rs. in lakh).

1	2	3	4	5	6	7	8
	(iii) Strengthening of TRYSEM	4.00	4.00	25.00	—	5.00	—
	(iv) DWCRA	15.00	15.00	100.00	—	20.00	—
	(v) Strengthening of B.L.A.	6.00	—	25.00	—	4.50	—
	(vi) Strengthening of State Monitoring cell	—	—	5.00	—	1.50	—
	(vii) State Institute for Training and Research in R.D.(HIPA)	7.50	7.50	38.00	—	7.50	—
	(viii) Strengthening of Extension Training Centre	6.00	6.00	35.00	—	6.00	—
	Sub-Total—IRDP	142.00	142.00	1118.00	—	180.00	—
(b)	Subsidy to Non SC/ST Antyodya families	118.00	118.00	600.00	—	100.00	—
	Total—IRDP	260.00	260.00	1718.00	—	280.00	—
(c)	<b>Integrated Rural Development Programme (I.R.E.P.):</b>						
	(i) Institutional Mechanism	19.00	19.00	130.00	—	21.00	—
	(ii) Project Implementation	57.00	57.00	440.00	—	75.00	—
	(iii) Training & Motivation	4.00	4.00	44.00	—	8.00	—
	Total—IREP	80.00	80.00	614.00	—	104.00	—
2.	<b>Jawahar Rojagar Yojna (J.R.Y.) (including Staff Salary)</b>	254.00	254.00	1710.00	—	280.00	—
3.	<b>Special Employment Programme</b>	246.00	246.00	2000.00	—	300.00	—
	Total—2+3	500.00	500.00	3710.00	—	580.00	—
3.	<b>Land Reforms:</b>						
	(a) Cadastral Survey and Records of Rights	276.00	276.00	2167.00	—	341.00	—
	(b) Supporting Services	1.00	1.00	8.00	—	1.00	—
	(c) Consolidation of Holdings	153.00	153.00	1350.00	—	220.00	—
	(d) Strengthening of Primary and Supervisory Land Records Agency	102.00	102.00	971.00	—	155.00	—
	(e) Revenue Housing	5.00	5.00	50.00	—	10.00	—
	(f) Forest Settlement	34.00	34.00	244.00	—	39.00	—
	Total—Land Reforms	571.00	571.00	4790.00	—	766.00	—
4.	<b>Community Development</b>						
	(aa) Grant-in-aid to Panchayat Samities under General Education	7.00	7.00	35.00	—	7.00	—
	(ab) Grant-in-aid to Panchayat Samities under Social Education	7.00	7.00	35.00	—	7.00	—
	(ac) Grant-in-aid to Panchayat Samities under communication	3.45	3.45	—	—	—	—
	(ad) Staff Component Salary	35.00	35.00	200.00	—	38.00	—
	(ae) Construction of/completion of on going Blocks/Panchayat Samitis building	—	—	100.00	—	15.00	—
	(af) Construction of Building(residential Gram Sewak huts)	20.00	20.00	75.00	—	10.00	—
	(ag) Technical Education (Training Centres,	13.00	13.00	75.00	—	15.00	—
	(ah) Composite programme	5.00	5.00	25.00	—	10.00	—
	(ai) Agriculture	10.00	10.00	—	—	—	—
	(aj) Minor Irrigation and land						

1	2	3	4	5	6	7	8
(k) Health and Sanitation ..		5.00	5.00	35.00	—	9.00	—
(l) USAID Project for Minor Irrigation		16.00	16.00	—	—	—	—
(m) Maintenance of buildings constructed by R.D.		—	—	30.00	—	5.00	—
(n) Matching incentive grant to Mahila Mandals for Production activities		—	—	105.00	—	28.00	—
(o) Misc. UNICEF Programmes ..		5.55	5.55	—	—	—	—
<b>Total—Community Development ..</b>		<b>127.00</b>	<b>127.00</b>	<b>715.00</b>	<b>—</b>	<b>144.00</b>	<b>—</b>
<b>5. Panchayats:</b>							
<b>1. Honorarium to Chairman/Vice Chairman of Panchayat Samities and Pradhan/Up-Pradhan of Gram Panchayat ..</b>							
(ii) Purchase of Library Books ..		5.00	5.00	39.00	—	6.00	—
(iii) Grant in aid for the constt. of Panchayat Samities/Zila Parishad Bhawans.		10.00	10.00	78.00	78.00	11.70	11.70
(iv) Grant to Panchayats for discharge of municipal function ..		8.00	8.00	63.00	—	9.50	—
(v) Matching Grant equal to the Collection of House Tax ..		2.50	2.50	150.00	—	30.00	—
(vi) Other Scheme—Repair of Panchayat Ghars		2.00	2.00	15.00	—	2.30	—
(vii) Loans to Panchayats for creation of remunerative Assets		10.00	10.00	77.00	77.00	11.50	11.50
(viii) Construction of office Building of Distt offices & augmentation of Panchayat Trg. Institutes ..		2.50	2.50	54.00	54.00	8.00	8.00
(ix) S. Caste S.C. Plan		2.00	2.00	16.00	—	2.00	—
<b>Total—Panchayats ..</b>		<b>93.00</b>	<b>93.00</b>	<b>760.00</b>	<b>209.00</b>	<b>135.00</b>	<b>31.20</b>
<b>TOTAL—II ..</b>		<b>1631.00</b>	<b>1631.00</b>	<b>12307.00</b>	<b>209.00</b>	<b>2009.00</b>	<b>31.20</b>
<b>III. SPECIAL AREA DESERT DEVELOPMENT PROGRAMME ..</b>							
<b>IV. IRRIGATION AND FLOOD CONTROL :</b>							
<b>1. MAJOR AND MEDIUM IRRIGATION :</b>							
(i) Major Irrigation Project—Shahnehar		57.00	57.00	1600.00	1000.00	66.00	—
(ii) Medium Irrigation Project—Balh Valley in District Mandi		50.00	50.00	28.00	28.00	28.00	28.00
(iii) Medium Irrigation Project Bhabour Sahib—Phase-II in Una District ..		127.00	127.00	768.00	768.00	134.00	134.00
(iv) Kirpal Chand Kuhl from Neogal Khad in Kangra .. District		35.00	35.00	10.00	10.00	1.50	1.50
(v) Phina Singh Project in Kangra Distt. ..		1.00	1.00	5.00	5.00	1.00	1.00
(vi) Sidhata Irrigation Project in Kangra District ..		1.00	1.00	5.00	5.00	1.00	1.00
(vii) Beet Illaqua Irrigation Project in Distt Una ..		1.00	1.00	10.00	10.00	1.50	1.50
(viii) Changer Area Project in Bilaspur District ..		—	—	—	—	—	—
(ix) Sarwarai Khad Irrigation Project in Kullu District ..		1.70	1.70	2.00	2.00	1.00	1.00
(x) Nahan Foundary ..		25.00	25.00	—	—	—	—
(xi) Publicity ..		3.30	3.30	—	—	—	—
(xii) Survey and Investigation ..		5.00	5.00	—	—	—	—
<b>Total—1 ..</b>		<b>307.00</b>	<b>307.00</b>	<b>2428.00</b>	<b>1828.00</b>	<b>234.00</b>	<b>168.00</b>

1	2	3	4	5	6	7	8
2.	<b>MINOR IRRIGATION :</b>						
	<b>A. State Irrigation Sector :</b>						
	(i) Direction and Administration ..	280.00	280.00	2000.00	—	375.00	—
	(ii) Survey and Investigation ..	15.00	6.20	100.00	100.00	10.00	10.00
	(iii) Machinery & Equipment ..	10.00	10.00	200.00	200.00	15.00	15.00
	(iv) Maintenance and Energy Bills.	510.00	510.00	500.00	—	65.00	—
	(v) Water resources Agency ..	10.00	10.00	200.00	200.00	10.00	—
	(vi) Minor Works: ..	15.00	15.00	200.00	200.00	20.00	20.00
	(vii) Suspense ..	—	—	—	—	—	—
	(viii) Publicity ..	—	—	—	—	—	—
	(ix) Works :						
	(a) Lift Irrigation Scheme	125.00	125.00	3000.00	3000.00	400.00	400.00
	(b) Flow Irrigation ..	150.00	150.00	3000.00	3000.00	500.00	500.00
	(c) Tube wells ..	50.00	50.00	2000.00	2000.00	170.00	170.00
	(d) Field Channel ..	25.00	25.00	500.00	500.00	50.00	50.00
	(e) Improvement and Extension of State irrigation Schemes ..	—	—	500.00	500.00	100.00	100.00
	(f) Nahar Foundary ..	5.00	5.00	—	—	—	—
	(x) Rural Development :						
	(a) Renovation and Remodel of Kuhl ..	—	—	200.00	200.00	40.00	40.00
	(b) Walls impounding and harvesting ..	—	—	100.00	100.00	20.00	20.00
	<b>Total—State Irrigation Sector ..</b>	<b>1195.00</b>	<b>1195.00</b>	<b>12500.00</b>	<b>10000.00</b>	<b>1775.00</b>	<b>1325.00</b>
	<b>B. USAID SCHEMES :</b>						
	(i) Direction and Administration ..	200.00	200.00	200.00	—	200.00	—
	(ii) Works ..	1605.00	1605.00	1000.00	1000.00	1000.00	1000.00
	(iii) RID Schemes ..	25.00	25.00	50.00	50.00	50.00	50.00
	<b>Total—USAID ..</b>	<b>1830.00</b>	<b>1830.00</b>	<b>1250.00</b>	<b>1050.00</b>	<b>1250.00</b>	<b>1050.00</b>
3.	<b>MINOR IRRIGATION (RDD) :</b>						
	(i) Renovation and remodeling of old Kuhl ..	13.80	13.80	103.50	—	20.70	—
	(ii) Construction of Water harvesting and Walls impounding harvesting ..	11.20	11.20	96.50	—	19.30	—
	<b>Total—R.D.D. ..</b>	<b>25.00</b>	<b>25.00</b>	<b>200.00</b>	<b>—</b>	<b>40.00</b>	<b>—</b>
	<b>TOTAL—MINOR IRRIGATION ..</b>	<b>3050.00</b>	<b>3050.00</b>	<b>13950.00</b>	<b>11050.00</b>	<b>3065.00</b>	<b>2375.00</b>
4.	<b>COMMAND AREA DEVELOPMENT (MAJOR/MEDIUM IRRIGATION).</b>						
	(i) Giri Irrigation C.A.D. Project in Sirmour Distt. ..	16.00	16.00	50.00	50.00	15.00	15.00
	(ii) Balh Valley CAD Project in Distt. Mandi ..	12.00	12.00	40.00	40.00	15.00	15.00
	(iii) Bhabour Sahib CAD Project in Distt. Una Phase-I ..	8.00	8.00	40.00	40.00	10.00	10.00
	(iv) Bhabour Sahib CAD Project Phase-II ..	0.90	0.90	70.00	70.00	1.00	1.00
	(v) Staff Cost. ..	8.00	8.00	50.00	—	9.00	—
	(vi) Publicity ..	1.10	1.10	—	—	—	—
	<b>Total—C.A.D. ..</b>	<b>46.00</b>	<b>46.00</b>	<b>250.00</b>	<b>200.00</b>	<b>50.00</b>	<b>41.00</b>
5.	<b>FLOOD CONTROL ..</b>	<b>100.00</b>	<b>100.00</b>	<b>775.00</b>	<b>675.00</b>	<b>115.00</b>	<b>100.00</b>
	<b>Total—IV ..</b>	<b>3503.00</b>	<b>3503.00</b>	<b>17403.00</b>	<b>13753.00</b>	<b>3464.00</b>	<b>2684.00</b>

1	2	3	4	5	6	7	8
<b>V—ENERGY :</b>							
<b>I—POWER :</b>							
<b>1. GENERATION :</b>							
(a) Approved and on-going Schemes for benefits during 8th and 9th Plan							
1. Thiro	..	385.00	385.00	325.00	325.00	300.00	300.00
2. Gaj	..	300.00	300.00	200.00	200.00	145.00	145.00
3. Baner	..	200.00	200.00	340.00	340.00	300.00	300.00
4. SVP-Bhaba Aug.	..	35.00	35.00	650.00	650.00	300.00	300.00
5. Killar	..	60.00	60.00	85.00	85.00	85.00	85.00
6. Larji	..	500.00	500.00	10000.00	10000.00	800.00	800.00
7. Nathpa Jakhari/Kol Dam	..	4000.00	4000.00	30000.00	30000.00	5000.00	5000.00
8. Other Projects	..	25.00	25.00	—	—	—	—
<b>Total—1—Generation</b>	..	<b>5505.00</b>	<b>5505.00</b>	<b>41600.00</b>	<b>41600.00</b>	<b>6930.00</b>	<b>6930.00</b>
<b>2. TRANSMISSION AND DISTRIBUTION :</b>							
A—66kv and above transmission lines and sub-stations :							
1. World Bank Aided Schemes	..	960.00	760.00	9008.00	9008.00	1568.00	1563.00
2. State Plan Schemes	..	—	200.00	1000.00	1000.00	300.00	300.00
<b>Sub-Total—1&amp;2</b>	..	<b>960.00</b>	<b>960.00</b>	<b>10008.00</b>	<b>10008.00</b>	<b>1868.00</b>	<b>1868.00</b>
B 33 kv. and below including System Improvement Schemes							
..	..	250.00	250.00	1960.00	1960.00	360.00	360.00
C—Shunt Capacitors							
..	..	—	—	40.00	40.00	40.00	40.00
<b>Total—2 (T&amp;D)</b>	..	<b>1210.00</b>	<b>1210.00</b>	<b>12008.00</b>	<b>12008.00</b>	<b>2268.00</b>	<b>2268.00</b>
<b>3. RURAL ELECTRIFICATION :</b>							
1. State Plan	..	25.00	25.00	200.00	200.00	30.00	30.00
2. REC funded (N)	..	800.00	800.00	3850.00	3850.00	580.00	580.00
3. System Improvement Schemes	..	—	—	1500.00	1500.00	300.00	300.00
<b>Total—3</b>	..	<b>825.00</b>	<b>825.00</b>	<b>5550.00</b>	<b>5550.00</b>	<b>910.00</b>	<b>910.00</b>
<b>4. RENOVATION AND MODERNISATION OF POWER HOUSES :</b>							
1. Giri Power House	..	10.00	10.00	75.00	75.00	25.00	25.00
2. Bassi Power House	..	—	—	—	—	—	—
3. Nogli	..	—	—	534.00	534.00	15.00	15.00
4. Rukti	..	—	—	—	—	—	—
<b>Total—4 (R&amp;M)</b>	..	<b>10.00</b>	<b>10.00</b>	<b>609.00</b>	<b>609.00</b>	<b>40.00</b>	<b>40.00</b>
5. Survey and Investigation	..	40.00	40.00	250.00	250.00	50.00	50.00
6. Board's Buildings	..	10.00	10.00	100.00	100.00	20.00	20.00
<b>Total—Power</b>	..	<b>7600.00</b>	<b>7600.00</b>	<b>60117.00</b>	<b>60117.00</b>	<b>10218.00</b>	<b>10218.00</b>
<b>II. NON-CONVENTIONAL ENERGY SOURCES :</b>							
(1) BIO Gas Development	..	85.00	85.00	600.00	600.00	90.00	90.00

(Rs. in Lakh.)

1	2	3	4	5	6	7	8
(2) Non-Conventional Energy Sources-Development of New and Renewable Sources of Energy :							
(i) Solar Thermal ..	10.00	10.00	188.00	—	30.00	—	
(ii) Solar Photovoltaic ..	5.00	5.00	30.00	—	5.00	—	
(iii) Wind Energy ..	—	—	5.00	—	1.00	—	
Total—NRSE ..	15.00	15.00	223.00	—	36.00	—	
Total Bio Gas and NRSE ..	100.00	100.00	823.00	600.00	126.00	—	
Total—V—(ENERGY) ..	7700.00	7700.00	60940.00	60717.00	10344.00	10308.00	

## VI INDUSTRIES AND MINERALS :

## I. VILLAGE AND SMALL INDUSTRIES :

## 1. Direction and Administration :

(a) Setting-up of Inspectorate of Boiler ..	3.00	3.00	20.00	—	3.00	—	
(b) Electrical Appliances and Quality Control ..	0.50	0.50	10.00	—	0.50	—	
(c) Entrepreneur Guidance Bureau ..	—	—	5.00	—	0.50	—	
(d) Indl. Policy, Planning, Research Analysis wing including Computerisation and data transmission unit ..	2.00	2.00	10.00	—	2.00	—	
(e) Project Appraisal and Management Consultancy Cell ..	—	—	10.00	—	0.50	—	

Sub-Total—Direction Administration ..	5.50	5.50	55.00	—	6.50	—	
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2. Modernisation and Productivity ..	1.00	1.00	5.00	—	1.00	—	
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3. Science and Technology entrepreneur Park ..	0.50	0.50	5.00	—	0.50	—	
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4. Industrial Estates ..	38.00	38.00	400.00	—	40.00	—	
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5. Small Scale Industries :							
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(a) Incentive & Subsidy ..	41.00	41.00	800.00	—	115.00	—	
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(b) District Industries Centres ..	160.00	160.00	1200.00	100.00	180.00	15.00	
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(c) Margin Money to Sick Units ..	4.00	4.00	40.00	40.00	5.00	5.00	
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(d) Establishment of Quality Marketing/Tool Rod/Common Facility Centre ..	—	—	200.00	—	8.00	—	
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(e) Development of Food Processing Industries ..	—	—	70.00	—	2.00	—	
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Sub-Total—5 ..	205.00	205.00	2310.00	140.00	310.00	20.00	
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## 6. Handloom Industries:

(a) Hill Area Woolen Dev. Project ..	33.00	33.00	300.00	100.00	40.00	15.00	
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(b) Workshed-cum-Housing Scheme ..	12.00	12.00	75.00	—	12.00	—	
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(Rs. in Lakh.)

1	2	3	4	5	6	7	8
(c)	Grant-in-aid to H.P. H & HC ..	10.00	10.00	75.00	—	11.00	—
(d)	Investment in H.P. H & H C ..	10.00	10.00	60.00	60.00	11.00	11.00
(e)	Rebate on Handloom Projects ..	5.00	5.00	70.00	—	6.00	—
(f)	Marketing Development Assistance ..	7.00	7.00	60.00	—	9.00	—
(g)	Modernisation of Handlooms ..	20.00	20.00	100.00	50.00	25.00	10.00
(h)	Investment in Pry. Weavers Co-op. Societies ..	—	—	10.00	10.00	1.00	1.00
(i)	Share Capital assistance to Weavers apex Society ..	—	—	15.00	15.00	1.00	1.00
(j)	Dev. of Handloom and Textile Industries ..	1.00	1.00	50.00	25.00	1.00	—
	Sub-Total—6 ..	98.00	98.00	815.00	260.00	117.00	38.00
7.	<b>Handicrafts Industries :</b>						
(a)	Opening of Carpet Centres ..	3.00	3.50	25.00	—	3.00	—
8.	<b>Khadi and Village Industries :</b>						
(a)	Grant-in-aid to Khadi Board ..	35.00	35.00	300.00	—	40.00	..
(b)	Rebate on Gandhi Jayanti ..	10.00	10.00	60.00	—	10.00	—
	Sub-Total—8 ..	45.00	45.00	360.00	—	50.00	—
9.	Sericulture Industries ..	44.00	44.00	300.00	—	50.00	—
10.	Social Forestry/Ecology Development ..	—	—	5.00	—	0.50	—
11.	Herbal/Industries/Phyto Chemicals ..	—	—	70.00	—	12.00	—
12.	Monitoring and Evaluation : Setting-up of field and Survey Units ..	—	—	15.00	—	0.50	—
13.	<b>Employment Schemes for un-employed Youth :</b>						
(a)	Educated un-employed ..	—	—	70.00	—	15.00	—
(b)	Promotion of Self employment in service Sector ..	—	—	60.00	—	5.00	—
	Sub-Total—13 ..	—	—	130.00	—	20.00	—
14.	<b>Other Village Industries :</b>						
(a)	Tea Industries ..	33.00	33.00	300.00	—	40.00	—
(b)	Investment in HPSSI & EC ..	8.00	8.00	100.00	100.00	12.00	12.00
(c)	Raw Material Depots ..	2.00	2.00	100.00	—	3.00	—
(d)	Provision for Consultancy fee ..	3.00	3.00	30.00	—	5.00	—
(e)	Export Promotion Programme ..	2.00	2.00	60.00	—	3.00	—
	Sub-Total—14 ..	48.00	48.00	590.00	100.00	63.00	12.00
15.	<b>Other Expenditure :</b>						
(a)	Training and Visit Programme ..	—	—	25.00	—	1.00	—

(Rs. in Lakh).

1	2	3	4	5	6	7	8
(b) Environmental Conservation and Pollution Control ..	—	—	5.00	—	0.50	—	—
(c) Dev. of Electronics Precision Industries ..	—	—	20.00	—	1.00	—	—
(d) Investment Promotion Scheme including NRI Cell ..	—	—	15.00	—	1.00	—	—
(e) Externally Aided Projects ..	1.00	1.00	50.00	—	3.50	—	—
(f) Investment in HPFC ..	220.00	220.00	2000.00	2000.00	250.00	250.00	—
<b>Total—I-VSI ..</b>	<b>709.00</b>	<b>709.00</b>	<b>7200.00</b>	<b>2500.00</b>	<b>931.00</b>	<b>320.00</b>	
<b>II. LARGE AND MEDIUM INDUSTRIES : ENGINEERING INDUSTRIES :</b>							
<b>1. Other Engineering Industries :</b>							
(a) Investment in HPSIDC ..	220.00	220.00	1600.00	1600.00	270.00	270.00	—
(b) Investment in HPGIC ..	15.00	15.00	350.00	350.00	20.00	20.00	—
<b>Sub-Total—I ..</b>	<b>235.00</b>	<b>235.00</b>	<b>1950.00</b>	<b>1950.00</b>	<b>290.00</b>	<b>290.00</b>	
2. Investment in HPSEDS ..	15.00	15.00	500.00	500.00	15.00	15.00	—
3. Strengthening of Directorate ..	11.62	11.62	200.00	100.00	15.00	10.00	—
4. Land Acquisition office ..	5.00	5.00	75.00	—	6.00	—	—
5. Store Purchase Orgn. ..	2.00	2.00	25.00	—	3.00	—	—
6. Educated un-employed ..	5.00	5.00	Transfer to VSI Sector		—	—	—
7. Industrial Areas ..	90.00	90.00	775.00	—	100.00	—	—
8. Infrastructure Dev. Programme ..	10.00	10.00	75.00	—	10.00	—	—
9. Growth Centres ..	30.00	30.00	200.00	—	30.00	—	—
10. Incentive and Subsidy ..	35.00	35.00	800.00	100.00	50.00	15.00	—
11. Other Expenditure :							
(a) Arts & Exhibition ..	10.00	10.00	100.00	—	12.00	—	—
(b) Information and Publicity ..	1.26	1.26	8.00	—	1.35	—	—
(c) Health Composit Testing Lab. ..	0.12	0.12	1.00	—	0.15	—	—
(d) Indl. Housing including interest Subsidy for Indl. Housing ..	—	—	30.00	—	1.00	—	—
(e) Managerial Assistance to Service Sector Orgn. for Promotion Activities ..	—	—	30.00	—	0.50	—	—
<b>Total—II—LMI ..</b>	<b>450.00</b>	<b>450.00</b>	<b>4769.00</b>	<b>2650.00</b>	<b>534.00</b>	<b>330.00</b>	
III. Mineral Development ..	45.00	45.00	600.00	—	50.00	—	—
<b>TOTAL—VI ..</b>	<b>1204.00</b>	<b>1204.00</b>	<b>12569.00</b>	<b>5150.00</b>	<b>1515.00</b>	<b>650.00</b>	
<b>VIII. TRANSPORT :</b>							
1. Civil Aviation ..	25.00	25.00	125.00	—	25.00	—	—

(Rs. in Lakh).

1	2	3	4	5	6	7	8
<b>2. ROADS AND BRIDGES :</b>							
1. Roads and Bridges Other than MNP ..	1300.00	1300.00	9150.00	9150.00	1465.00	1465.00	
2. Roads and Bridges MNP ..	2990.00	2990.00	23510.00	23510.00	3790.00	3790.00	
Total—Roads and Bridges ..	4290.00	4290.00	32660.00	32660.00	5255.00	5255.00	
<b>3. ROAD TRANSPORT :</b>							
<b>REVENUE SECTION :</b>							
<b>A. Taxes on Vehicles :</b>							
(i) R.T.A. Office Mandi ..	5.94	5.94			—	8.10	—
(ii) Establishment of check Barriers ..	—	—			—	3.50	—
Road Transport :							
(iii) Flying Squad ..	5.00	5.00			—	5.75	—
(iv) Advisor Transport ..	0.50	0.50	125.00		—	0.50	—
(v) Strengthening of Staff at H.P. (ARU) ..	5.06	5.06			—	8.50	—
(vi) Pollution control measures ..	0.50	0.50			—	2.50	—
(vii) Road Safety measures ..	—	—			—	1.00	—
(viii) Computerisation ..	1.00	1.00			—	1.15	—
Total—A—Revenue Section ..	18.00	18.00	125.00		—	31.00	—
<b>B. CAPITAL OUTLAY :</b>							
(i) Const. of Bus Stand/ Rain Shelters ..	62.00	62.00	400.00	400.00	60.00	60.00	
(ii) Investment in HRTC ..	800.00	800.00	7000.00	7000.00	1083.00	1083.00	
(iii) Const. of Transport Bhawan ..	10.00	10.00	50.00	50.00	15.00	15.00	
Total—B Capital Outlay ..	872.00	872.00	7450.00	7450.00	1158.00	1158.00	
Total—Road Transport ..	890.00	890.00	7575.00	7450.00	1189.00	1158.00	
<b>4. Inland Water Transport :</b>							
<b>A. REVENUE SECTION :</b>							
(i) Providing of staff ..	1.50	1.50	14.00		—	2.00	—
(ii) Survey and Investi- gation ..	—	—	3.00		—	1.00	—
<b>B. Capital Section :</b>							
(i) Const. and Improvement of Ghats ..	0.50	0.50	20.00	20.00	3.00	3.00	
Total—Inland Water Trpt.	2.00	2.00	37.00	20.00	6.00	3.00	
<b>5. OTHER TRANSPORT SERVICES :</b>							
(a) Ropeways/Cableways ..	25.00	25.00	300.00	300.00	50.00	50.00	
(b) Inter Model Transport Study ..	5.00	5.00	50.00		—	10.00	—
Sub-Total—5 ..	30.00	30.00	350.00	300.00	60.00	—	
Total—VII ..	5237.00	5237.00	40747.00	40430.00	6535.00	6466.00	
<b>V II. TELE—COMMUNICATION ..</b>	50.00	50.00	510.00		—	92.00	—
Total—Tele-Communication ..	50.00	50.00	510.00		—	92.00	—



1	2	3	4	5	6	7	8
<b>IX. SCIENCE, TECHNOLOGY AND ENVIRONMENT :</b>							
1. Scientific Research including S&T :							
(i) Remote Sensing ..				85.00	—	10.00	—
(ii) Poverty Alleviation Programme ..				42.00	—	9.00	—
(iii) Dissemination of Tech. and Popularisation of Science ..	50.00	50.00		101.00	—	24.00	—
(iv) Water Management ..				12.00	—	2.00	—
(v) R&D Sector ..				60.00	—	7.00	—
(vi) Direction and Administration ..				70.00	—	14.00	—
(vii) Construction of Technology Bhawan ..				25.00	—	4.00	—
(viii) Library and Documentation Centre ..				5.00	—	1.00	—
(ix) STEP ..				10.00	—	5.00	—
(x) Forensic Lab. ..				20.00	—	4.00	—
Total—1 ..	50.00	50.00		430.00	—	80.00	—
2. Ecology and Environment :							
(i) Survey of Natural Resources ..				10.00	—	1.00	—
(ii) Environment Research and Ecological regeneration ..	5.00	5.00		30.00	—	3.00	—
(iii) Conservation Programme ..				15.00	—	3.00	—
(iv) Environmental Planning and Co-ordination ..				20.00	—	3.00	—
Total—2 ..	5.00	5.00		75.00	—	10.00	—
3. Water and Air Pollution Prevention ..							
	20.00	20.00		300.00	300.00	38.00	38.00
Total—3 ..	20.00	20.00		300.00	300.00	38.00	38.00
Total—IX ..	75.00	75.00		805.00	300.00	128.00	38.00
<b>X. GENERAL ECONOMIC SERVICES :</b>							
1. Secretariat Economic Services :							
(a) State Planning Machinery and general Administration ..	66.00	66.00		413.00	—	67.00	—
(b) Excise and Taxation ..	4.00	4.00		60.00	—	8.00	—
Total—Sectt. Eco. Services..	70.00	70.00		473.00	—	75.00	—
2. TOURISM :							
(i) Tourist Centre ..	11.00	11.00		150.00	45.00	30.00	12.00
(ii) Tourist Accommodation ..	45.00	45.00		450.00	135.00	70.00	28.00
(iii) Tourist Transport Service ..	—	—		—	—	—	—
(iv) Assistance to Public Sector and other undertakings ..	26.00	26.00		50.00	—	10.00	—
(v) Other Expenditure ..	4.00	4.00		50.00	20.00	5.00	2.00
(vi) Direction and Administration ..	5.50	5.50		80.00	—	12.00	—
(vii) Training ..	12.00	12.00		90.00	—	15.00	—

1	2	3	4	5	6	7	8
	(viii) Promotion and Publicity	38.50	38.50	268.00	—	50.00	—
	(ix) Other Expenditure ..	10.00	10.00	80.00	—	18.00	—
	(x) Investment in Public Sector and Other Undertakings ..	40.00	40.00	100.00	40.00	20.00	4.00
	(xi) Command Area Development for Shimla Region ..	38.00	38.00	500.00	200.00	40.00	8.00
	Sub-Total ..	230.00	230.00	1818.00	440.00	270.00	54.00
	<b>TRIBAL SUB-PLAN :</b>						
	(xii) Tourist Accommodation	15.00	15.00	130.00	56.00	20.00	8.00
	(xiii) Promotion and Publicity	10.00	10.00	25.00	—	6.00	—
	(xiv) Other Expenditure ..	5.00	5.00	27.00	—	4.00	—
	Sub-Total ..	30.00	30.00	182.00	56.00	30.00	8.00
	Total—2—Tourism ..	260.00	260.00	2000.00	496.00	300.00	62.00
3.	<b>SURVEY AND STATISTICS :</b>						
I.	Continuing Schemes :						
	<b>STATE PLAN :</b>						
1.	Expenditure on Strengthening of Staff-Economic Advice and Statistics ..	16.00	16.00	122.00	—	19.50	—
	<b>NEW SCHEMES :</b>						
1.	Estimation of Capital Formation and Preparation of District level estimates of State Domestic Product ..	—	—	5.00	—	0.50	—
II.	<b>TRIBAL SUB PLAN :</b>						
	(State Sector)						
	Continuing Schemes :						
1.	Expenditure on construction of Staff quarters at Reckong Peo ..	1.00	1.00	8.00	8.00	1.00	1.00
	Total—3 ..	17.00	17.00	135.00	8.00	21.00	1.00
4	<b>CIVIL SUPPLIES :</b>						
I.	Foodstorage and Warehousing:						
	Price Stabilisation Scheme (Tribal and Non-Tribal) :						
1.	Augmentation of Staff ..	31.88	31.88	247.10	—	36.86	—
2.	Consumer Protection ..	10.00	10.00	78.00	—	12.00	—
3.	Subsidy on K. Oil ..	1.50	1.50	12.00	—	2.00	—
4.	Construction of Godowns ..	14.00	14.00	109.00	109.00	16.00	16.00
5.	Construction of office/office-cum-residential buildings ..	5.50	5.50	60.00	60.00	9.00	9.00
6.	Investment in H. P. Civil Supply Corporation ..	1.00	1.00	60.00	60.00	1.00	1.00
7.	Grant-in-aid Subsidy ..	32.16	31.16	—	—	—	—
8.	Subsidy on Wheat to Antyodaya families ..	233.84	233.84	3504.00	—	738.00	—
9.	Grant-in-aid Subsidy—Subsidy on Wheat, Wheat Flour, Salt and Rice to TASP ..	34.00	34.00	576.00	—	78.00	—
10.	Replacement of old vehicle	—	—	20.00	—	—	—
11.	Other Charges (Lab.) ..	0.12	0.12	0.90	—	0.14	—
	Total—4 ..	364.00	364.00	4667.00	229.00	893.00	26.00

1	2	3	4	5	6	7	8
5. WEIGHTS AND MEASURES ..		8.00	8.00	60.00	—	10.00	—
6. OTHER GENERAL SERVICES:							
(a) Institutional Finance ..		6.00	6.00	50.00	—	8.00	—
(b) District Planning ..		984.00	984.00	10000.00	10000.00	1000.00	1000.00
Sub-Total—6 ..		990.00	990.00	10050.00	10000.00	1008.00	1000.00
Total—X ..		1709.00	1709.00	17385.00	10733.00	2307.00	1089.00
<b>TOTAL—(A)—ECONOMIC SERVICES ..</b>		<b>28605.00</b>	<b>28605.00</b>	<b>230459.18</b>	<b>137510.45</b>	<b>36186.78</b>	<b>22681.80</b>
<b>B. SOCIAL SERVICES</b>							
<b>XI EDUCATION, SPORTS, ARTS AND CULTURE :</b>							
<b>I. PRIMARY EDUCATION:</b>							
1. Direction and Administration ..		18.00	18.00	100.00		18.00	—
2. Equipment (M&S, Int.) ..		10.00	10.00	77.50	—	14.00	—
3. Maintenance of Buildings ..		—	—	330.00	—	60.00	—
4. Govt. Primary Schools 934C, 150/750N ..		314.65	314.65	2919.05	—	374.57	—
5. Govt. Primary Schools (Antyodaya) ..		40.00	40.00	780.00	—	153.00	—
6. Grant-in-aid ..		1.74	1.74	10.00	—	2.00	—
7. Inspection Distt./Block Level ..		26.98	26.98	161.30	—	29.06	—
8. Teachers and Other Services: (i) Volunteer Teacher 5892C (ii) Part-Time-Water Carreer 6037C, 50/750 (N) ..		172.85	172.85	1176.65	—	156.37	—
(iii) 6617 Volunteer Teacher ..		—	—	415.00	—	83.00	—
9. Teachers Training ..		0.65	0.65	4.46	—	0.80	—
10. Incentives ..		23.00	23.00	170.00	—	28.00	—
11. Other Expenditure: (i) Cold Weather Charges ..		20.00	20.00	145.04	—	25.00	—
(ii) Publicity ..		0.13	0.13	1.00	—	0.20	—
Total—1—Primary Education ..		628.00	628.00	6290.00	—	944.00	—
<b>2. General and University Education :</b>							
1. Direction and Administration :							
(a) Staff at Directorate Level(2L.A. +1 steno) ..		1.12	1.12	8.24	—	1.35	—
(b) Staff at Distt. Level (8 E.O. 5 Asstt.) ..		5.79	—	42.60	—	6.91	—
(C) Monitoring & Education ..		3.70	3.70	26.86	—	4.40	—
Total—1 ..		10.61	10.61	77.70	—	12.66	—
2. Equipment :							
(a) Science Equipment ..		2.95	2.95	20.00	—	3.00	—
(b) Jute matting ..		3.90	3.90	25.00	—	4.00	—
(c) Craft mat (SUPW) ..		1.65	1.65	15.00	—	2.00	—
(d) Sports mat ..		1.70	1.70	15.00	—	2.00	—
(e) Furniture ..		5.60	5.60	35.00	—	6.00	—
Total—2 ..		15.80	15.80	110.10	—	17.00	—

1	2	3	4	5	6	7	8	9
	3. Maintenance of School Buildings ..		3.00	3.00	200.00	—	20.00	—
	4. Assistance to Non-Govt. MS. ..		4.00	4.00	30.00	—	5.00	—
	<b>INSPECTION:</b>							
	5. Estt. of Blocks Co-terminus with C. D. Blocks (69 Blocks) ..		15.85	15.85	126.55	—	19.09	—
	6. Trs. and Other Services :							
	(a) Addl. trs. for MS (85-C) ..		26.73	26.73	194.52	..	31.86	—
	(b) Volunteer Teachers @800/P.M. ..		—	—	163.60	—	32.72	—
	7. Teachers Training :							
	(a) Refresher Courses ..		1.53	1.53	10.00	—	2.00	—
	(b) Addl. staff for JBT Schools (22-C) ..		6.14	6.14	49.75	—	8.15	—
	Total—7 ..		7.67	7.67	59.75	—	10.15	—
	8. Scholarship and Incentives :							
	(a) Scholarship to S.C. Girls VI—VIII ..		45.00	45.00	250.00	—	50.00	—
	(b) Free text book/Banks ..		1.75	1.75	10.00	—	2.00	—
	(c) Attendance Sch. to Girls ..		1.25	1.25	10.00	—	2.00	—
	(d) Free Clothing to Girls ..		1.00	1.00	5.00	—	1.00	—
	(e) Free text Books in Tribal Areas ..		3.00	3.00	40.00	—	8.00	—
	(f) Merit Scholarship ..		0.50	0.50	2.50	—	0.50	—
	(g) Antyodaya Scholarship ..		20.00	20.00	200.00	—	40.40	—
	Total—8 ..		72.50	72.50	517.50	—	103.90	—
	9. Examination :							
	(a) GIA to Board of School Education ..		0.50	0.50	2.50	—	0.50	—
	10. Other Expenditure: ..							
	(a) Opening of Middle Schools ..		630.60	630.60	5100.00	—	759.80	—
	(b) Drinking Water facilities (1740) ..		19.00	19.00	194.00	—	38.80	—
	(c) GIA to H.P. Education Society ..		0.50	0.50	2.50	—	0.50	—
	(d) Education Technology ..		0.50	0.50	2.50	—	0.50	—
	(e) Construction of School Buildings ..		20.00	20.00	280.00	280.00	40.00	40.00
	(f) Setting-up of DIETS ..		—	—	—	—	—	—
	Total—10 ..		670.60	670.60	5679.00	280.00	839.60	40.00
	Total—(Elementary Education) (1 to 9) ..		827.26	827.26	7061.12	280.00	1092.48	40.00

## 2.—Secondary Education :

## 11. Direction and Administration :

	(a) Adm. Unit for +2 System (11-C) ..		4.02	4.02	29.55	—	4.84	—
	(b) Staff for Zonal level (8-C) ..		3.43	3.43	24.97	—	4.09	—
	(c) School Complex (5-C.) ..		1.67	1.67	12.33	—	2.02	—

(Rs. in lakh)

	2	3	4	5	6	7	8
(d) Additional Staff SSS (47-C) ..		20.31	20.31	135.41	—	22.18	—
Total—11 ..		29.43	29.43	202.26	—	33.13	—
<b>12. Research &amp; Training :</b>							
(a) Voc. of Education State Share (25-Schools) ..		21.08	21.08	145.40	—	23.76	—
(b) Talent Search Sch. Scheme ..		0.35	0.35	2.50	—	0.50	—
(c) Population Education (2-C) ..		0.72	0.72	4.31	—	0.87	—
(d) Community Sc. Centres ..		0.69	0.69	4.64	—	0.76	—
Total—12 ..		22.84	22.84	156.85	—	25.89	—
<b>13. Equipment :</b>							
(a) Equipment to District offices ..		0.25	0.25	3.00	—	0.50	—
(b) SC equipment to Schools ..		1.50	1.50	10.00	—	2.00	—
(c) Furniture to Schools ..		4.10	4.10	25.00	—	5.00	—
(d) Lib. Books to Schools ..		0.80	0.80	10.00	—	2.00	—
(e) Sports Material to Schools ..		1.40	1.40	8.00	—	1.40	—
(f) Craft material (SUPE) to Sch. ..		1.25	1.25	10.00	—	2.00	—
(g) A.V Aids ..		0.75	0.75	5.00	—	1.00	—
Total—13 ..		10.05	10.05	71.00	—	13.90	—
<b>14. Maintenance of School Buildings</b> ..							
		4.00	4.00	225.00	—	25.00	—
<b>15. Teachers and other Services :</b>							
(a) Addl. teachers for MS (96-C) ..		29.51	29.51	211.85	—	34.70	—
(b) Add. teachers for Sec. Schools ..		69.59	69.59	509.84	—	83.51	—
(c) Vol. Teachers (1657) ..		—	—	677.80	—	135.56	—
Total—15 ..		99.10	99.10	1399.49	—	253.77	—
<b>16. Teachers Training :</b>							
(a) Refresher Courses ..		4.00	4.00	20.00	—	4.00	—
Total—16 ..		4.00	4.00	20.00	—	4.00	—
<b>17. Scholarship and Stipends:</b>							
(a) Free text books/Book Banks ..		0.50	0.50	5.00	—	1.00	—
(b) Free clothing to girls ..		1.00	1.00	10.00	—	1.50	—
(c) Scholarship to SC Girls ..		9.50	9.50	50.00	—	10.00	—
(d) Free Text Books in TSP ..		1.50	1.50	30.00	—	6.00	—
(e) Merit Scholarship ..		0.90	0.90	5.00	—	1.00	—
(f) Antyodya Scholarship ..		8.00	8.00	350.00	—	70.00	—
Total—17 ..		21.40	21.40	450.00	—	89.50	—
<b>18. Assistance to Non- Govt. SS.</b> ..							
		21.00	21.00	125.00	—	25.00	—
<b>19. Other Expenditure :</b>							
(a) Upgrading MS to HS (308+15-C) and Maintenance ..		646.14	646.14	5145.00	—	723.45	—

1	2	3	4	5	6	7	8
(b) Upgrading HS to SSS (150-C) and Maintenance ..	706.77	706.77	5364.38	—	725.23	—	—
(c) Drinking water facilities in HS (252-C)	7.56	7.56	37.80	—	7.56	—	—
(d) Free Hostels (9-C) ..	8.33	8.33	51.50	—	8.44	—	—
(e) Formerly UNICEF Aided Projects ..	0.50	0.50	2.50	—	0.50	—	—
(f) Sc. Exhibition ..	0.50	0.50	5.00	—	1.00	—	—
(g) Earn while you learn ..	0.15	0.15	1.00	—	0.15	—	—
(h) National Integration ..	1.00	1.00	5.00	—	1.00	—	—
(i) Education Technology ..	0.50	0.50	2.50	—	0.50	—	—
Sub-Total—19 ..	1371.45	1371.45	10614.68	—	1467.83	—	—
20. Sainik School :							
(i) Building ..	—	—	70.00	70.00	10.00	10.00	—
(ii) G.I.A. ..	14.00	14.00	70.00	—	14.00	—	—
(iii) Scholarship ..	6.00	6.00	30.00	—	6.00	—	—
(iv) N.C.C. Activities ..	1.00	1.00	5.00	—	1.00	—	—
Total—(20) ..	21.00	21.00	175.00	70.00	31.00	10.00	—
21. School Buildings ..	20.00	20.00	420.00	420.00	60.0	60.00	—
Total—(2-Secondary Education (11 to 21)) ..	1624.27	1624.27	13759.28	490.00	2029.02	70.00	—
3. UNIVERSITY & HIGER EDUCATION :							
22 Direction & Administration:							
(a) Estt. of UGC cell and Strengthening of Administration ..	1.46	1.46	10.14	—	1.66	—	—
23. Assistance to Universities							
(a) Assistance to H.P. University for Development ..	59.00	59.00	340.00	—	95.00	—	—
(b) Assistance to H.P. University for Dip. in Journalism ..	1.00	1.00	5.00	—	1.00	—	—
(c) Assistance to H.P. University Diploma in Bhoti ..	1.00	1.00	5.00	—	1.00	—	—
Total—23 ..	61.00	61.00	350.00	—	97.00	—	—
24. Govt. Colleges and Institutions :							
(a) Opening/taking over of Colleges ..	84.75	84.75	570.52	—	90.00	—	—
(b) Starting of Evening Colleges Classes ..	12.80	12.80	148.94	—	14.18	—	—
(c) Starting of Addl. Subjects (MA Classes in Colleges) ..	24.14	24.14	179.80	—	27.40	—	—
(d) Addl. Staff for Colleges ..	19.30	19.30	141.20	—	22.19	—	—
Total—24 ..	140.99	140.99	1039.96	—	153.77	—	—

1	2	3	4	5	6	7	8
25. Assistance to Non-Govt. Colleges ..	170.00	170.00	935.00	—	170.00	—	—
26. Faculty Dev. Programme ..	0.40	0.40	2.50	—	0.50	—	—
27. Text Books Development Programme ..	—	—	—	—	—	—	—
28. Scholarships (Antyodaya) ..	5.00	5.00	270.00	—	54.50	—	—
29. Other Expenditure :							
(a) lifting of UGC Assistance ..	30.00	30.00	210.00	210.00	30.00	30.00	—
(b) Construction of Buildings ..	3.00	3.00	100.00	100.00	20.00	20.00	—
(c) Maintenance of Buildings ..	—	—	25.00	—	5.00	—	—
(d) Imp. Programme :							
(i) Science Equipment ..	1.00	1.00	150.00	—	30.00	—	—
(ii) Sports material ..	0.20	0.20	2.50	—	0.50	—	—
(iii) Equipment/furniture ..	2.00	2.00	15.00	—	3.00	—	—
(iv) Library Books ..	0.40	0.40	5.00	—	1.00	—	—
(v) Text Books/Book Banks ..	0.40	0.40	—	—	—	—	—
(vi) Students Welfare ..	0.40	0.40	2.00	—	2.40	—	—
(vii) Hot and Cold Weather Charges ..	—	—	2.00	—	0.40	—	—
<b>Total—29 ..</b>	<b>37.40</b>	<b>37.40</b>	<b>511.50</b>	<b>310.00</b>	<b>90.30</b>	<b>50.00</b>	
<b>Total—University and Hr. Edu.</b>	<b>416.25</b>	<b>416.25</b>	<b>3119.10</b>	<b>310.00</b>	<b>567.73</b>	<b>50.00</b>	
<b>30. ADULT EDUCATION:</b>							
(a) Direction and Administration : ..	12.45	12.45	100.00	—	15.00	—	—
(b) Grant to Vol. Organisation ..	—	—					
(c) Sharamik Vidya Peeth ..	—	—					
(d) Rural Functional Programme ..	16.26	16.26					
(e) Other Adult Education Programme—opening of J.S.N. ..	8.25	8.25					
31. Other Expenditure ..							
(a) Supply of literature on Adult Education ..	0.33	0.33					
(b) Part time Librarians ..	0.21	0.21					
(c) Trg. of Staff and follow-up material ..	0.50	0.50					
<b>Total—31 ..</b>	<b>1.04</b>	<b>1.04</b>					
<b>Total—(Adult Education (30 &amp; 31) ..</b>	<b>38.00</b>	<b>38.00</b>	<b>100.00</b>	<b>—</b>	<b>15.00</b>	<b>—</b>	
<b>32. LANGUAGE DEVELOPMENT:</b>							
Direction & Administration ..	0.70	0.70	5.00	—	0.80	—	—
<b>33. SANSKRIT EDUCATION:</b>							
(a) Addl. Staff Skt. Pathshals ..	—	—	—	—	—	—	—
(b) Upgradation of Skt. Pathshals ..	—	—	—	—	—	—	—
(c) Opening of Skt. Pathshals ..	—	—	—	—	—	—	—
(d) G. I. A. to Non Government Skt Pathshalas ..	3.00	3.00	25.00	—	5.00	—	—
<b>Total—33 ..</b>	<b>3.00</b>	<b>3.00</b>	<b>25.00</b>	<b>—</b>	<b>5.00</b>	<b>—</b>	
<b>Total—(32 &amp; 33) ..</b>	<b>3.70</b>	<b>3.70</b>	<b>30.00</b>	<b>—</b>	<b>5.80</b>	<b>—</b>	

1	2	3	4	5	6	7	8
<b>GENERAL :</b>							
<b>34. DIRECTION AND ADMINISTRATION</b>							
(a) Strengthening of Accounts Wing ..	6.15	6.15	44.14	—	7.23	—	
(b) Estt. of A. C. R. Cell ..	2.44	2.44	17.47	—	2.86	—	
(c) Estt. of Pig. Branch ..	2.44	2.44	20.25	—	3.36	—	
<b>Total—34</b> ..	<b>11.03</b>	<b>11.03</b>	<b>81.86</b>	<b>—</b>	<b>13.45</b>	<b>—</b>	
35. Training ..	—	—	—	—	—	—	—
36. Research ..	—	—	—	—	—	—	—
37. Examination ..	—	—	—	—	—	—	—
38. International Cooperation ..	—	—	—	—	—	—	—
<b>39. Other Expenditure :</b>							
(a) Const. of Shiksha Bhawan ..	5.00	5.00	70.00	70.00	10.00	10.00	
(b) <b>Modernisation of Admn. :</b>							
(i) Installation of Photo stat Machine/Addressograph ..	—	—	—	—	—	—	—
(ii) Estt. of Computer cell and Inst. of Computers ..	5.82	5.82	36.14	—	5.92	—	
(iii) <b>Installation of P. B. X.</b> ..	—	—	<b>10.00</b>	—	—	—	
<b>Total—39</b> ..	<b>10.82</b>	<b>10.82</b>	<b>116.14</b>	<b>70.00</b>	<b>17.92</b>	<b>10.00</b>	
<b>Total—General—(34 to 39)</b> ..	<b>21.85</b>	<b>21.85</b>	<b>198.00</b>	<b>70.00</b>	<b>31.37</b>	<b>10.00</b>	
<b>40. Physical Education :</b>							
(a) National Physical Efficiency Drive ..	0.20	0.20	1.00	—	0.20	—	
(b) Sports Scholarships ..	0.69	0.69	3.45	—	0.69	—	
(c) G. I. A. to H. P. Sports Association ..	8.00	8.00	40.00	—	8.00	—	
(d) Sports Hostel ..	12.34	12.34	90.66	—	14.85	—	
(e) Strengthening of Physical Education ..	0.91	0.91	6.01	—	1.02	—	
(f) Residential sports wing in Colleges ..	—	—	—	—	—	—	—
(g) G. I. A. to Bharat Scout Sports Association ..	2.00	2.00	10.00	—	2.00	—	
(h) Coaching Camps ..	1.00	1.00	8.00	—	1.50	—	
(i) N. C. C.							
(i) Opening of Hind Girls Ind. Coy. ..	—	—	—	—	—	—	—
(ii) Opening of Hind Group H. Q. ..	—	—	—	—	—	—	—
(iii) Addl. staff for N. C. C. ..	0.75	0.75	4.88	—	0.80	—	
(iv) Const. of N. C. C. Bhawan ..	—	—	—	—	—	—	—
(v) Vehicle and Telephone to Group H. Q. ..	—	—	—	—	—	—	—
<b>Total—(i)</b> ..	<b>0.75</b>	<b>0.75</b>	<b>4.88</b>	<b>—</b>	<b>0.80</b>	<b>—</b>	
<b>Total—40</b> ..	<b>25.89</b>	<b>25.89</b>	<b>164.00</b>	<b>—</b>	<b>29.06</b>	<b>—</b>	



(Rs. in lakh)

1	2	3	4	5	6	7	8
<b>41. ART AND CULTURE :</b>							
<b>Public Libraries: ..</b>							
(a) Lib. books to existing Libraries ..	1.46	1.46	10.00	—	2.00	—	—
(b) G. I. A. to Raja Ram Mohan Roy Foundation ..	4.00	4.00	20.00	—	4.00	—	—
(c) Journals/Magazines to existing Libraries ..	2.00	2.00	15.00	—	3.00	—	—
(d) Furniture/equipment to Libraries ..	1.00	1.00	5.00	—	1.00	—	—
(e) Opening of Rural Library at Shimla & Chamba ..	1.52	1.52	12.28	—	2.00	—	—
(f) Taking over of Library at Shimla ..	3.35	3.35	22.59	—	3.70	—	—
(g) Library in the Directorate ..	1.00	1.00	7.93	—	1.30	—	—
(h) Library Buildings ..	—	—	—	—	—	—	—
(i) Part time water carrier for killar ..	0.04	0.04	0.20	—	0.04	—	—
(j) Hot & Cold Weather Charges ..	—	—	—	—	—	—	—
Total—41 ..	14.37	14.37	93.00	—	17.04	—	—
42. Publicity ..	0.41	0.41	2.50	—	0.50	—	—
<b>Total—General &amp; University Education (Excluding Primary Education) ..</b>	<b>2972.00</b>	<b>2972.00</b>	<b>24527.00</b>	<b>1150.00</b>	<b>3788.00</b>	<b>170.00</b>	<b>—</b>
<b>3. TECHNICAL EDUCATION :</b>							
<b>I. CONTINUED SCHEME OTHER THAN WORLD BANK :</b>							
<b>TECHNICAL EDUCATION :</b>							
<b>Direction &amp; Administration :</b>							
<b>STRENGTHENING OF DIRECTORATE :</b>							
(i) Salaries including M. R. & T. E. & Honorarium ..	3.98	3.98	20.00	—	4.50	—	—
(ii) Office expenses & other contingencies ..	1.48	1.48	9.00	—	2.00	—	—
(iii) Motor Vehicle ..	2.50	2.50	12.50	—	2.50	—	—
(iv) Capital Outlay ..	2.50	2.50	2.00	2.00	2.00	2.00	2.00
Total—1 ..	10.46	10.46	43.50	2.00	11.00	2.00	—
<b>2. Technical School (Now upgraded Government Polytechnic Kangra):</b>							
(i) Machinery & Equipment ..	0.20	0.20	2.00	—	0.20	—	—
(ii) Civil Works ..	2.80	2.80	40.00	40.00	10.00	10.00	—
Total—2 ..	3.00	3.00	42.00	40.00	10.20	10.00	—

1	2	4	4	5	6	7	8
<b>3. POLYTECHNICS :</b>							
<b>Strengthening of Polytechnics :</b>							
(i) Staff Salaries including M R. & T.E. & Honorarium ..	38 23	38 23	275.50	—	35.00	—	—
(ii) Office expenses & other contingencies ..	3.00	3.00	15.00	—	4.00	—	—
(iii) Raw Material ..	2.26	2.26	13.00	—	2.50	—	—
(iv) Purchase of Machinery & Equip. ..	2.00	2.00	13.00	—	2.30	—	—
(v) Civil Works ..	34.05	34.05	128.00	128.00	10.00	10.00	—
<b>Total—3</b> ..	<b>79.54</b>	<b>79.54</b>	<b>444.50</b>	<b>128.00</b>	<b>53.80</b>	<b>10.00</b>	<b>—</b>
<b>4. Scholarship :</b>							
(i) Scholarships ..	5.00	5.00	25.00	—	5.00	—	—
(ii) Scholarships to Antyodaya Students ..	—	1.00	—	—	—	—	—
<b>Total—4</b> ..	<b>5.00</b>	<b>6.00</b>	<b>25.00</b>	<b>—</b>	<b>5.00</b>	<b>—</b>	<b>—</b>
<b>5. Examination :</b>							
<b>STRENGTHENING OF STATE BOARD OF TECH. EDUCATION</b> ..	<b>12.00</b>	<b>12.00</b>	<b>60.00</b>	<b>—</b>	<b>12.00</b>	<b>—</b>	<b>—</b>
<b>6. Engineering College :</b>							
(i) Strengthening of Engg. College ..	60.00	60.00	403.00	—	60.00	—	—
(ii) Purchase of Land & Development of Land ..	35.00	35.00	150.00	150.00	60.00	60.00	—
<b>Total—6</b> ..	<b>95.00</b>	<b>95.00</b>	<b>553.00</b>	<b>150.00</b>	<b>120.00</b>	<b>60.00</b>	<b>—</b>
<b>Total—other than World Bank Schemes—I</b> ..	<b>205.00</b>	<b>205.00</b>	<b>1168.00</b>	<b>320.00</b>	<b>212.00</b>	<b>82.00</b>	<b>—</b>
<b>II—WORLD BANK AIDED SCHEMES :</b>							
<b>Technical Education :</b>							
<b>1. Direction and Administration :</b>							
<b>STRENGTHENING OF DIRECTORATE :</b>							
<b>(a) Civil Works :</b>							
(i) Additional accommodation, residence & Hostel etc. ..	10.00	10.00	25.00	25.00	10.00	10.00	—
<b>(b) Revenue Expenditure :</b>							
(i) Machinery & Equipment including Furniture & books etc. ..	1.00	1.00	10.05	—	4.10	—	—
(ii) Motor vehicle ..	2.00	2.00	2.00	—	—	—	—

(Rs. in lakh)

1	2	3	4	5	6	7	8
(iii) Staff Development including Local fellowship, Foreign Fellowship, Local consultancy & Honorarium ..	0.20	0.20	4.70	—	0.20	—	—
(iv) Staff Salaries including M. R. & T. E. ..	3.63	3.63	50.07	—	7.58	—	—
(v) Office Expenses & other contingencies ..	—	—	2.50	—	0.50	—	—
(vi) Material & Supply ..	0.15	0.15	2.50	—	0.50	—	—
Total of item—b (i to vi) ..	6.98	6.98	71.82	—	12.88	—	—
Total of item—a & b ..	16.98	16.98	96.82	25.00	22.88	10.00	—
<b>2. Composite Development cell :</b>							
<b>(a) Civil Works :</b>							
(i) Building & residence, Hostel etc. ..	8.00	8.00	17.00	17.00	6.00	7.00	—
<b>(b) Revenue Expenditure :</b>							
(i) Machinery & Equipment ..	5.50	5.50	18.92	—	3.70	—	—
(ii) Motor Vehicle ..	—	—	4.00	—	0.50	—	—
(iii) Staff development including local fellowship foreign fellowship local consultancy ..	—	—	6.20	—	—	—	—
(iv) Staff Salaries ..	1.18	1.18	82.00	—	9.16	—	—
(v) Operation & Maintenance ..	—	—	2.50	—	0.50	—	—
(vi) Material & Supply ..	—	—	2.50	—	0.50	—	—
Total of item—b (i to vi) ..	6.68	6.68	116.12	—	14.36	—	—
Total of item—a & b ..	14.68	14.68	133.12	17.00	20.36	6.00	—
<b>3. Technical School (Now Upgraded Government Polytechnic Kangra) :</b>							
<b>(a) Civil Works :</b>							
(i) Building, residence & Hostel etc. ..	30.00	30.00	200.00	200.00	30.00	30.00	—
<b>(b) Revenue Expenditure :</b>							
(i) Machinery & Equipment ..	0.50	0.50	138.00	—	22.00	—	—
(ii) Motor Vehicle ..	—	—	6.00	—	1.50	—	—
(iii) Staff Development including local fellowship, foreign Fellowship, & local consultancy & Honorarium ..	—	—	17.00	—	—	—	—
(iv) Staff Salaries including M R. & T. E. ..	0.52	0.52	111.00	—	1.80	—	—
(v) Operation & Maintenance ..	—	—	3.46	—	—	—	—
(vi) Material & Supply ..	0.10	0.10	2.50	—	—	—	—
Total of item—b (i to vi) ..	1.12	1.12	277.96	—	25.30	—	—
Total of Item—3 (a & b) ..	31.12	31.12	477.96	200.00	55.30	30.00	—

(Rs. in lakh)

1	2	3	4	5	6	7	8
<b>4. Polytechnics :</b>							
<b>(a) Civil Works :</b>							
<i>Building, residence &amp; Hostel etc.</i> ..	117.00	117.00	519.00	519.00	191.00	191.00	
<b>(b) Revenue Expenditure -</b>							
<b>(i) Machinery &amp; Equipment, including Furniture &amp; books</b> ..	20.25	20.50	302.43	—	78.18	—	
<b>(ii) Motor Vehicle</b> ..	0.50	0.50	18.50	—	4.00	—	
<b>(iii) Staff Development including Local fellowship, foreign Fellowship, Local consultancy &amp; Honorarium etc.</b> ..	2.80	2.80	75.30	—	12.00	—	
<b>(iv) Staff Salaries including M R. &amp; T. E.</b> ..	4.32	4.32	348.66	—	6.26	—	
<b>(v) Operation &amp; Maintenance</b> ..	0.25	0.25	52.25	—	4.55	—	
<b>(vi) Material &amp; Supply</b> ..	1.25	1.00	59.07	—	7.17	—	
<b>Total of item b(i to vi)</b> ..	<b>29.37</b>	<b>29.37</b>	<b>856.21</b>	<b>—</b>	<b>112.16</b>	<b>—</b>	
<b>Total of 4 Item—a &amp; b</b> ..	<b>146.37</b>	<b>146.37</b>	<b>1375.21</b>	<b>519.00</b>	<b>303.16</b>	<b>191.00</b>	
<b>5. EXAMINATION :</b>							
<b>STRENGTHENING OF STATE BOARD OF TECHNICAL EDUCATION :</b>							
<b>(a) Civil Works :</b>							
<i>Building and Residence, Hostel etc.</i> ..	0.85	0.85	20.00	20.00	5.00	5.00	
<b>(b) Revenue Expenditure :</b>							
<b>(i) Purchase of Machinery and Equipment</b> ..	—	—	11.05	—	3.30	—	
<b>(ii) Motor Vehicle</b> ..	—	—	1.50	—	1.50	—	
<b>(iii) Staff development including local fellowship, local consultancy and Honorarium etc.</b> ..	—	—	2.50	—	0.30	—	
<b>(iv) Staff Salaries including MR. &amp; TE.</b> ..	—	—	21.84	—	4.20	—	
<b>(v) Operation and Maintenance</b> ..	—	—	1.50	—	0.50	—	
<b>(vi) Material &amp; Supply</b> ..	—	—	1.50	—	0.50	—	
<b>Total of item (b) (i to vi)</b> ..	<b>—</b>	<b>—</b>	<b>39.89</b>	<b>—</b>	<b>10.30</b>	<b>—</b>	
<b>Total of 5 item (a) &amp; (b)</b> ..	<b>0.85</b>	<b>0.85</b>	<b>59.89</b>	<b>20.00</b>	<b>15.30</b>	<b>5.00</b>	
<b>Total of item No. (a) (Civil Works)</b> ..	<b>165.85</b>	<b>165.85</b>	<b>781.00</b>	<b>781.00</b>	<b>242.00</b>	<b>242.00</b>	
<b>Total of item No. (b) (Revenue Section)</b> ..	<b>44.15</b>	<b>44.15</b>	<b>1362.00</b>	<b>—</b>	<b>175.00</b>	<b>—</b>	
<b>Total—Tech. Edu. World Bank Schemes—II</b>	<b>210.00</b>	<b>210.00</b>	<b>2143.00</b>	<b>781.00</b>	<b>417.00</b>	<b>242.00</b>	

1	2	3	4	5	6	7	8
<b>II. CRAFTSMEN &amp; VOCATIONAL TRAINING :</b>							
<b>I. CONTINUED SCHEME OTHER THAN WORLD BANK :</b>							
1. Direction and Administration							
STRENGTHENING OF DIRECTORATE :							
(i) Staff Salaries including T.A., D.A., M.R. etc.		2.78	2.78	18.00	—	3.50	—
(ii) Office Expenses and other Contingencies ..		0.15	0.15	2.00	—	0.20	—
(iii) Moter Vehicle ..		—	—	—	—	—	—
(iv) Machinery and Equipment ..		0.25	0.25	2.00	—	0.30	—
Total—1 ..		3.18	3.18	22.00	—	4.00	—
2. Training, Training of Craftsman and Supervisors :							
(i) Staff salaries including T.A. D.A. Honorarium etc. ..		10.49	10.49	76.00	—	10.50	—
(ii) Office Expenses and other Charges ..		3.50	3.50	20.00	—	2.05	—
(iii) Material and Supply ..		1.20	1.20	8.00	—	1.50	—
(iv) Machinery & Equip. ..		—	—	124.00	—	2.00	—
(v) Stipend ..		0.15	0.15	1.00	—	1.20	—
(vi) Stipend to Antyodaya students ..		—	—	—	—	1.00	—
(vii) Staff Development ..		—	—	10.00	—	1.00	—
(viii) Buildings, residence and Hostel etc. ..		44.71	44.71	311.00	311.00	45.00	45.00
Total—2 ..		60.05	60.05	550.00	311.00	64.25	45.00
Total of C.T.S.Non-Tribal ..		63.23	63.23	572.00	311.00	68.25	45.00
3. TRIBAL SUB-PLAN :							
(i) Staff Salaries including MR. & TE. ..		1.79	1.79	16.00	—	1.79	—
(ii) Office Expenses and other Charges ..		0.71	0.71	2.50	—	0.51	—
(iii) Machinery & Equipment ..		0.90	0.90	7.00	—	1.00	—
(iv) Material & Supply ..		0.60	0.60	4.50	—	0.70	—
(v) Buildings ..		16.00	16.00	125.00	125.00	23.00	23.00
Total—T.S.P. ..		20.00	20.00	155.00	125.00	27.00	23.00
Total—Craftsman Trg. Schemes ..		83.23	83.23	727.00	436.00	95.25	68.00
4. Publicity							
Total—I ..		84.00	84.00	727.00	436.00	95.25	68.00

1	2	3	4	5	6	7	8
<b>CRAFTSMEN &amp; VOCATIONAL TRAINING:</b>							
<b>II WORLD BANK AIDED</b>							
<b>SCHEME 50% STATE</b>							
<b>SHARE :</b>							
<b>1. Direction &amp; Administration:</b>							
<b>ESTABLISHMENT OF SPIU :</b>							
(i) Staff Salaries including MR. & TE. ..	1.00	1.00	8.00	—	1.25	—	—
(ii) Office Expenses and Other Charges ..	—	—	—	—	—	—	—
(iii) Machinery and Equipment :	—	—	—	—	—	—	—
Total—1 ..	1.00	1.00	8.00	—	1.25	—	—
<b>2. Training, Training of Craftsmen and Supervisors :</b>							
<b>Modernisation of Equipment:</b>							
(i) Purchase of Machinery and Equipment ..	28.00	28.00	26.00	—	—	—	—
(ii) Civil Works ..	—	—	—	—	—	—	—
Total—2 ..	28.00	28.00	26.00	—	15.00	—	—
<b>3. Equipment &amp; Maintenance System :</b>							
(i) Staff Salaries including MR & TE ..	1.00	1.00	10.00	—	1.40	—	—
(ii) Office Expenses and other Contingencies ..	0.84	0.84	2.50	—	0.50	—	—
(iii) Purchase of Raw Material ..	0.70	0.70	12.00	—	3.50	—	—
(iv) Stipend ..	0.09	0.09	0.50	—	0.10	—	—
(v) Machinery and Equipment ..	—	—	16.00	—	5.00	—	—
(vi) Building residence ..	1.50	1.50	5.00	5.00	2.50	2.50	—
Total—3 ..	4.13	4.13	46.00	5.00	13.00	2.50	—
<b>4. Provision for Audio Visual Aid in I.T.I.s :</b>							
(i) Purchase of Machinery and Equipment ..	—	—	5.00	—	2.50	—	—
<b>5. Introducing of ITI Skill Development for Employment :</b>							
(i) Purchase of Machinery and Equipment ..	—	—	2.00	—	1.00	—	—
(ii) Raw Material ..	—	—	3.00	—	1.00	—	—
Total—5 ..	—	—	5.00	—	2.00	—	—
<b>6. Expension of Existing ITIs Introducing of New Trades:</b>							
(i) Staff Salaries including MR. & TE. ..	—	—	14.00	—	2.00	—	—
(ii) Machinery and Equipment ..	—	—	26.00	—	10.00	—	—
(iii) Stipend ..	0.09	0.09	—	—	—	—	—
(iv) Civil Works ..	2.00	2.00	7.00	7.00	4.50	4.50	—
(v) Raw Material ..	0.47	0.47	1.00	—	0.50	—	—
Total—6 ..	2.56	2.56	48.00	7.00	17.00	4.50	—

1	2	3	4	5	6	7	8
<b>7. Introducing of New Trades in ITIs :</b>							
(i) Staff Salaries including MR & TE. ..		4.06	4.06	15.50	—	2.50	—
(ii) Machinery and Equipment ..		—	—	25.00	—	10.00	—
(iii) Raw material ..		—	—	2.50	—	1.00	—
(iii) Civil Works ..		5.25	5.25	1.00	1.00	1.50	1.50
Total—7 ..		9.31	9.31	44.00	1.00	15.00	1.50
Total—World Bank aided schemes 50% State share (II) ..		45.00	45.00	182.00	13.00	65.75	8.50
Total—Craftsman Trg. Scheme (I&II) ..		129.00	129.00	909.00	449.00	161.00	76.50
<b>TOTAL—TECHNICAL EDUCATION ..</b>		<b>544.00</b>	<b>544.00</b>	<b>4220.00</b>	<b>1550.00</b>	<b>790.00</b>	<b>400.50</b>
<b>4. ART AND CULTURE :</b>							
General Education							
Language Development-Direction and Administration Directorate:							
I. Staff ..		16.89	16.89	70.00	—	17.63	—
II. Schemes :							
(i) Awards ..		1.00	1.00	5.00	—	1.00	—
(ii) Publication of Vipasha Fikro-fan and Monographs ..		3.00	3.00	15.00	—	3.00	—
(iii) Celebration of Hindi, Sanskriti/Urdu Divas ..		1.00	1.00	6.00	—	1.00	—
(iv) Introduction of Modern Techniques implements ..		0.50	0.50	4.00	—	0.50	—
(v) Writers Home at Mandi/Dharamshala/Solan/Una ..		0.60	0.60	5.00	5.00	1.00	1.00
(vi) Construction of Directorate Building ..		5.17	5.17	5.00	5.00	1.00	1.00
(vii) Construction of Sanskriti Bhawan at Shimla ..		0.10	0.10	5.00	15.00	1.00	1.00
(viii) Language and Culture Survey ..		1.00	1.00	5.00	—	0.50	—
Total—(I&II) ..		29.26	29.26	120.00	25.00	26.63	3.00
<b>Art and Culture :</b>							
Promotion of Art and Culture:							
I. Staff ..		0.96	0.96	10.00	—	1.00	—
II. Schemes :							
(i) Grant-in-aid to Himachal Academy of Art and Culture ..		11.00	11.00	70.00	—	12.00	—
(ii) Expenditure on festivals ..		1.00	1.00	10.00	—	1.50	—
(iii) All India level festivals ..		1.00	1.00	10.00	—	1.50	—
(iv) Celebration of fairs ..		2.00	2.00	20.00	—	2.00	—
(v) Inter State Cultural Exchange Schemes ..		0.50	0.50	10.00	—	1.00	—
(vi) Scholarships ..		0.40	0.40	3.00	—	0.60	—
(vii) Competitions ..		0.70	0.70	8.00	—	1.50	—
(viii) Maintenance of Kala Kendra ..		0.40	0.40	3.00	—	0.50	—

1	2	3	4	5	6	7	8
(ix)	Construction of Kala Kendra at Dharamshala/ Nahan/Solan/Mandi ..	0.75	0.75	10.00	10.00	1.00	—
(x)	Cultural troupes to foreign countries ..	—	—	5.00	—	0.50	—
(xi)	Workshop on performing art/fine art ..	0.40	0.40	8.00	—	1.00	—
(xii)	Assistance to persons in indigent circumstances ..	0.10	0.10	0.60	—	0.10	—
(xiii)	C.S.S. Assistance to persons in indigent circumstances ..	0.01	0.07	0.40	—	0.07	—
(xiv)	Children/dollmuseum/ Library ..	0.30	0.30	5.00	—	0.50	—
(xv)	Sponsored programme by the Department ..	0.50	0.50	8.00	—	0.50	—
(xvi)	North Zone Cultural Centre ..	1.00	1.00	2.00	—	0.50	—
(xvii)	Renovation of Gaiety Theatre ..	1.00	1.00	10.00	—	1.00	—
(xviii)	Chairs on performing Arts ..	—	—	5.00	—	0.50	—
(xix)	Setting-up of Rachna gram at Andreta/Shimla ..	—	—	5.00	—	1.00	—
(xx)	Mini Bus for equipment/Artists ..	1.25	1.25	3.00	—	1.00	—
(xxi)	Nritya Natika ..	0.70	0.70	—	—	—	—
	Total—(I&II) ..	23.97	23.97	206.00	10.00	29.27	—

**ARCHAEOLOGY****I. Department of Archaeology :**

(i)	Staff ..	7.60	7.60	50.00	—	8.00	—
<b>II.</b>	<b>Schemes :</b>						
(i)	GIA to Historicals old Temples ..	5.52	5.52	30.00	—	5.00	—
(ii)	Exploration and Excavation ..	1.00	1.00	20.00	—	1.00	—
(iii)	G.I.A. to up-keep of temples ..	1.00	1.00	20.00	—	1.00	—
(iv)	Publication of Monographs on Archaeology ..	0.25	0.25	5.00	—	0.20	—
(v)	G.I.A. to Renuka Development Board ..	1.00	1.00	5.00	—	0.60	—
(vi)	G.I.A. to Bhima kali Temple ..	1.18	1.18	7.00	—	1.30	—
(vii)	Installation of Statue ..	1.30	1.30	10.00	10.00	2.00	2.00
	Total—(I&II) ..	18.85	18.85	147.00	10.00	19.10	2.00

**ARCHIVES****I. Establishment of State Archives :**

(i)	Staff ..	2.67	2.67	18.00	—	3.00	—
<b>II.</b>	<b>Schemes :</b>						
(i)	Preservation of records ..	0.25	0.25	6.00	—	0.50	—
(ii)	Preservation of Manuscripts ..	0.25	0.25	7.00	—	0.50	—
(iii)	Setting-up of library ..	0.10	0.10	3.00	—	0.30	—



1	2	3	4	5	6	7	8
(iv)	C/o Archives building ..	1.00	1.00	5.00	5.00	1.00	1.00
(v)	Seminars on Archives ..	0.20	0.20	5.00	—	0.50	—
(vi)	Slide Archives ..	0.30	0.30	6.00	—	0.50	—
(vii)	Material for development of Archives ..	0.50	0.50	8.00	—	1.00	—
(viii)	C.S.S. Material for development of Archives ..	0.01	0.01	15.00	—	3.00	—
	Total—(I&II) ..	5.28	5.28	73.00	5.00	10.30	1.00
<b>I. Museums:</b>							
(i)	Staff ..	6.89	6.89	40.00	—	7.50	—
<b>II. Schemes:</b>							
(i)	Art objects for Himachal State Museum ..	0.20	0.20	3.00	—	0.30	—
(ii)	Art objects for Bhuri Singh Museum Chamba ..	0.20	0.20	3.00	—	0.60	—
(iii)	Art objects for Kangra Art Museum ..	1.00	1.00	8.00	—	1.00	—
(iv)	Documentation of Art objects ..	0.35	0.35	5.00	—	0.30	—
(v)	Art objects Himachal State Museum ..	1.00	1.00	5.00	5.00	1.00	1.00
(vi)	C/o Bhuri Singh Museum ..	1.00	1.00	5.00	5.00	1.50	1.50
(vii)	Art objects Kangra Art Museum at Dharamshala ..	1.00	1.00	5.00	5.00	1.00	1.00
(viii)	State Museum at various places in the State ..	—	—	5.00	5.00	0.50	0.50
	Total—(I&II) ..	11.64	11.64	79.00	20.00	13.70	4.00

**GENERAL EDUCATION****I. Language Development:****TASP**

(i)	Development of Hindi ..	1.20	1.20	10.00	—	1.30	—
(ii)	Language and culture Survey ..	—	—	5.00	—	0.20	—

**I. Art and Culture:**

(i)	Expenditure on Archaeological Cell ..	4.83	4.83	25.00	—	4.00	—
(ii)	Expenditure on Art and culture ..	2.00	2.00	15.00	—	1.00	—
(iii)	GIA to Himachal Academy Fairs and Festivals ..	3.25	3.25	21.00	—	3.50	—
(iv)	Expenditure on Archives/Art Gallery ..	0.72	0.72	8.00	—	0.50	—

**Capital Outlay:**

(i)	Site Museum at Key-long, Bharmaur, Killar ..	1.00	1.00	5.00	5.00	1.00	1.00
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(Rs. in lakh)

1	2	3	4	5	6	7	8
(ii)	Terraces at Mani-mahesh ..	0.50	0.50	5.00	5.00	1.00	1.00
(iii)	C/o Kala Kendra at Kaza ..	0.25	0.25	5.00	5.00	0.50	0.50
(iv)	Beautification of chaurasi Temple ..	0.50	0.50	5.00	10.00	1.00	1.00
(v)	Kala Kendra at Reckong Peo ..	0.50	0.50	5.00	5.00	1.00	1.00
(vi)	Repair of Morang Fort ..	0.50	0.50	5.00	5.00	1.00	1.00
(vii)	Repair of Kamroo Fort ..	0.25	0.25	5.00	5.00	0.50	0.50
(viii)	Development of Tabo Monastery ..	0.50	0.50	6.00	5.00	0.50	0.50
	Total—TSP ..	16.00	16.00	125.00	45.00	17.00	6.50
	Total—4—Art & Culture ..	105.00	105.00	750.00	115.00	116.00	17.50
<b>5. SPORTS AND YOUTH SERVICES :</b>							
(i)	Grant-in-Aid to Himachal Pradesh Sports Council ..	8.43	8.43	45.20	—	8.43	—
(ii)	Organisation of Coaching Camps ..	4.35	4.35	24.15	—	4.35	—
(iii)	Stipend for trainees at NIS Patiala ..	—	—	1.20	—	—	—
(iv)	Run for fun (Cross country Races) ..	—	—	9.66	—	—	—
(v)	Construction of District and Utility Stadia. ..	13.17	13.17	119.00	119.00	23.92	23.92
(vi)	Purchase of Sports Equipment ..	—	—	10.06	—	1.50	—
(vii)	Grant-in-Aid to Himachal Pradesh State Youth Board ...	5.95	5.95	30.70	—	5.95	—
(viii)	Organisation of Non-Student Youth Festivals ..	—	—	10.45	—	1.95	—
(ix)	Organisation of Work Camps ..	2.70	2.70	14.58	—	2.70	—
(ix)	Construction of District Youth Centres and Maintenance of Youth Hostels ..	—	—	0.40	0.40	—	—
(xi)	National Service Scheme ..	2.20	2.20	12.60	—	2.20	—
(xii)	Direction and Administration ..	29.20	29.20	204.00	—	33.00	—
(xiii)	Construction of Indira Youth Centre cum-Sports and Culture Complex, Shimla ..	5.00	5.00	100.00	100.00	5.00	5.00
	Total—Sports & Youth Services ..	71.00	71.00	582.00	219.40	89.00	28.92

1	2	3	4	5	6	7	8	
<b>5. Others</b>								
<b>(A) MOUNTAINEERING AND ALLIED SPORTS</b>								
<b>(a) Mountaineering and Allied Sports Institute, Manali—Continuing Schemes:</b>								
(i)	Augmentation of Directorate of Mountaineering and Allied Sports Manali Himachal Pradesh	..	19.33	19.33	121.00	50.00	22.00	14.00
(ii)	Strengthening of Regional Mountaineering Centre Dharamshala	..	4.00	4.00	31.00	15.00	4.00	1.50
(iii)	Strengthening of High Altitude Trekking-cum-Skiing Centre at Narkanda and Dalhousie	..	3.92	3.92	31.00	23.00	4.00	1.50
(iv)	Hang Gliding Scheme	..	1.80	1.80	1.00	—	—	—
(v)	Augmentation of Regional Water Sports Centre Pongdam and Sub-Centre Bilaspur	..	6.95	6.95	96.00	45.00	14.00	5.00
(vi)	Strengthening of Mountain Rescue and Training Scheme at Jispa, Khoksar/Bharmaur	..	9.00	9.00	65.00	20.00	10.00	3.00
<b>(b) NEW SCHEMES</b>								
(i)	Regularisation of Trekking & Mountaineering in Himachal Pradesh	.	—	—	5.00	2.00	0.50	—
(ii)	Opening of Trekking and Skiing Centre at Kalpa	.	—	—	7.50	2.50	0.50	—
(iii)	Opening of Trekking centre at Chansal Ghali	.	—	—	7.50	2.50	1.00	—
<b>TOTAL—A</b>		.	<b>45.00</b>	<b>45.00</b>	<b>365.00</b>	<b>160.00</b>	<b>56.00</b>	<b>25.00</b>
<b>(b) GAZETTEER</b>								
Other Administrative Services, Gazetteers & Statistical Memoirs—Organisation of District Gazetteers								
		.	9.00	9.00	67.00	—	12.00	—
<b>SUB-TOTALS—5</b>		.	<b>54.00</b>	<b>54.00</b>	<b>432.00</b>	<b>160.00</b>	<b>68.00</b>	<b>25.00</b>
<b>TOTAL—XI</b>		.	<b>4374.00</b>	<b>4374.00</b>	<b>36801.00</b>	<b>3194.00</b>	<b>5795.00</b>	<b>641.92</b>

**XII—HEALTH****1. ALLOPATHY****I. MINIMUM NEEDS PROGRAMMES (CONTINUED SCHEMES)**

(a) Medical and Public Health : Rural Health Services—Allopathy Health Sub-Centres/ Primary Health Centres/ Community Health Centres .

(b) Capital Content

(i) Construction of Health Sub-Centres/Primary Health Centres/ Community Health Centres.

60.09      60.09      540.00      540.00      82.00      82.00

1	2	3	4	5	6	7	8
(ii) Construction of Health Sub-Centres/Primary Health Centres under UNFPA PROJECT (10% State Share)	83.00	83.00	175.00	100.00	83.00	83.00	83.00
(iii) Revenue Content of UNFPA PROJECT (Project (10% State Share)	40.00	40.00			40.00		—
(iv) Opening of Health Sub-Centres	58.99	58.99	400.16	—	72.45		—
(v) Opening of Primary Health Centre	151.59	151.59	1418.00	—	217.70		—
(vi) Opening of Community Health Centres	42.98	42.98	360.00	—	71.65		—
(vii) Continuation of Expenditure of PHC Bharman	6.79	6.79	40.25	—	7.20		—
(viii) Multipurpose Workers Scheme (State Plan)	168.46	168.46	2231.59	—	340.00		—
<b>Total—M. N. P. Continued Schemes</b>	<b>611.90</b>	<b>611.90</b>	<b>5165.00</b>	<b>640.00</b>	<b>914.00</b>		<b>165.00</b>
<b>2. MINIMUM NEEDS PROGRAMME : REALLY NEW SCHEMES</b>							
(i) Opening of Primary Health Centres 1992-97=15, 1992-93=3	—	—	290.00	—	6.00		—
(ii) Opening of Community Centres, 1992-97=5, 1992-93=1	—	—	88.00	—	2.00		—
(iii) Multipurpose Workers Scheme (Providing of Male Health Workers in Health Sub Centres to be opened during 8th Plan Period) 1992-97,=149, 1992-93=30	—	—	88.00	—	2.00		—
(v) Conversion of 17 Rural Hospitals into Community Health Centres, 1992-97=17, 1992-93=3 Rural Hospitals into Community Health Centres.	—	—	132.00	—	5.00		—
(v) Strengthening of Services at PHCs (Providing of 11 Posts of Lab. Technicians and 11 Posts of Class IV (Ward Boys) in 11 PHCs opened during 1984-85 to bring them at par with other PHCs in the State	—	—	25.00	—	3.00		—
<b>Total M.N.P. (Really New Schemes)</b>	<b>—</b>	<b>—</b>	<b>623.00</b>	<b>—</b>	<b>18.00</b>		<b>—</b>
<b>Total—M.N.P.</b>	<b>611.90</b>	<b>611.90</b>	<b>5788.00</b>	<b>640.00</b>	<b>932.00</b>		<b>165.00</b>

**HOSPITALS AND DISPENSARIES****(CONTINUED SCHEMES)**
**I. Medical and Public Health**  
**Urban Health Services**  
**Rural Health**  
**Services and Medical**  
**and Public Health Services**

(i) Construction of District Hospitals/Hospitals and Civil Dispensaries with Staff Quarters	57.86	57.86	360.00	360.00	65.00	65.00
(ii) Minor Works	4.00	4.00	40.00	—	8.00	—
(iii) Establishment of Civil Dispensaries	2.34	2.34	15.00	—	2.60	—
(iv) Providing of additional staff to Dental Clinics	2.42	2.42	16.00	—	2.70	—

(Rs. in lakh)

1	2	3	4	5	6	7	8
(v)	Providing of staff .. under Dental School Health Services Scheme ..	8.01	8.01	50.00	—	9.00	—
(vi)	Strengthening of Services at District Hospitals/Referral Hospitals&Civil Hos- pitals ..	97.26	97.26	615.00	—	107.30	—
(vii)	Continuation of Expenditure on Zonal Hospitals ..	9.98	9.98	75.00	—	12.40	—
Total—Hospitals and Dispensaries (Continued Schemes) ..		181.87	181.87	1171.00	360.00	207.00	65.00
<b>II. Hospitals and Dispen- saries (Really New Schemes)</b>							
(i)	Establishment of 2nd State Level Hospi- tal in the Lower Region of the State (300 Beds Hospi- tal) ..	—	—	2000.00	—	200.00	—
(ii)	Strengthening of Blood Bank Servi- ces in Districts Hos- pitals ..	—	—	30.00	—	5.00	—
Total—Hospitals and Dispensaries (Really New Schemes) ..		—	—	2030.00	—	205.00	—
<b>G. Total—Hospitals and Dispensaries) ..</b>		<b>181.87</b>	<b>181.87</b>	<b>3201.00</b>	<b>360.00</b>	<b>412.00</b>	<b>65.00</b>
<b>III. Training</b>							
(i)	Training of Male Health Workers/General Nurses ..	19.59	19.59	130.00	—	22.00	—
(2)	School of MHWs/2 Schools of Gene- ral Nurses ..						
<b>IV. Other Programme :</b>							
(i)	Establishment of Composit Testing Laboratory ..	14.10	14.10	100.00	—	16.00	—
(ii)	Strengthening of Ser- vices at Health Centre for Handicapped ..	0.62	0.62	5.00	—	0.75	—
(iii)	Establishment of Drug Cell in Health Directorate ..	1.28	1.28	9.00	—	1.50	—
(iv)	Continuation of Ex- penditure on Health Directorate ..	16.66	16.66	115.00	—	20.00	—
(v)	Strengthening of Civil Registration and Vital Statistics ..	3.77	3.77	16.00	—	4.50	—

(Rs in Lakhs)

1	2	3	4	5	6	7	8
(vi)	Continuation of Expenditure on National Programme for Central Blindness ..	26.82	26.82	200.00	—	31.00	—
(vii)	Strengthening of Services at District Head Quarters ..	19.31	19.31	130.00	—	22.50	—
(viii)	Establishment of Research, Monitoring and Evaluation Cell in Health Directorate ..	0.95	0.95	7.00	—	1.10	—
(ix)	Establishment of Survey Team to find out Morbidity pattern in Tribal Areas ..	1.75	1.75	15.00	—	2.00	—
(x)	Establishment of Transport Workshop at Tanda ..	2.97	2.97	40.00	—	5.00	—
(xi)	Establishment of Audio Visual Services in Tribal Areas ..	0.65	0.65	5.00	—	0.75	—
(xii)	Continuation of Expenditure on Leprosy Central Programme ..	9.76	9.76	90.00	—	11.50	—
(xiii)	Providing of Additional Incentives under Family Welfare ..	16.00	16.00	150.00	—	30.00	—
(xiv)	Providing of Grant-in-Aid to Indian Red Cross Society ..	2.00	2.00	10.00	—	2.00	—
(xv)	Provision for publicity (Funds to be given to Public Relation) ..	0.55	0.55	5.00	—	1.00	—
Total—Other Programmes ..		117.19	117.19	897.00	—	149.60	—
<b>V. E.S.I. Dispensaries</b>							
(i)	Establishment of E.S.I. Dispensaries ..	7.24	7.24	72.00	—	10.00	—
Total—E.S.I. Dispensaries ..		7.24	7.24	72.00	—	10.00	—
<b>VI. CSS on 50 : 50 Sharing Basis Schemes</b>							
(i)	National Malaria Eradication Programme ..	85.21	85.21	450.00	—	86.40	—
(ii)	National T.B. Control Programme ..	47.00	47.00	250.00	—	50.00	—
Total—CSS on 50 : 50 Sharing Basis ..		132.21	132.21	700.00	—	136.40	—
Total—O.M.N.P. ..		458.10	458.10	5000.00	360.00	730.00	65.00
Total—(Allopathy) ..		1070.00	1070.00	10788.00	1000.00	1662.00	230.00

1	2	3	4	5	6	7	8
<b>2. AYURVEDA AND OTHER I.S.M.S.</b>							
<b>I. Direction and Administration.</b>							
(i)	Continuation of Expenditure on Staff of Directorate & its further Strengthening..	11.20	11.20	60.00	—	9.50	—
(ii)	Continuation of Expenditure on staff of District Estt. & their further Strengthening ..	9.01	9.01	64.00	—	10.50	—
Sub-Total—I ..		20.21	20.21	124.00	—	20.00	—
(iii)	Expenditure on 11 Hospitals (Con'd.) & 1 New Hospital in Non-Tribal Areas ..	31.00	31.00	270.00	55.00	49.10	15.00
(iv)	Expenditure on 15 Contd. & 18 New Rural Health Centre in Non-Tribal Areas ..	62.45	62.45	480.50	60.00	69.40	5.50
(v)	Expenditure on 34 Contd. & 3 New ARHC in Backward Areas ..	22.65	22.65	252.00	10.00	39.80	1.50
<b>SPECIAL COMPONENT PLAN :</b>							
(vi)	Expenditure on 26 ARHC & 2 Homeo, Rural Health Centres in SCP Areas (Contd.) and 2 Homeo, RHCs+10 new Ay. RHCs ..	24.00	24.00	207.00	15.00	30.50	1.50
(vii)	Expenditure on 11 Contd. and 2 New ARHCs Exp. on 1 new Ay. Hospital in tribal area Grant-in-aid to Bhat Chikitsa ..	17.93	17.93	154.00	15.00	21.70	1.50
(viii)	Expenditure on 2 Ay. Pharmacies at Majra & Jogindernagar ..	7.35	7.35	70.00	10.00	13.00	5.00
(ix)	Expenditure on Ayurveda College, Paprola on Training and Research ..	8.85	8.85	112.00	50.00	30.00	20.00
(x)	Expenditure on RAH Paprola Including Provision for Minor Works ..	8.32	8.32	65.00	—	10.00	1.50
(xi)	Expenditure on ISM Research/Herbal Garden Jogindernagar ..	2.78	2.78	25.00	—	3.50	—
(xii)	Expenditure on Panch Karma Unit ..	4.12	4.12	20.00	—	3.00	—
(xiii)	Expenditure on Nature cure Hospital at Oel, Una ..	2.15	2.15	15.50	—	2.50	—

(Rs. in lakh)

1	2	3	4	5	6	7	8
(xiv)	Expenditure on orientation Programme ..	—	—	5.00	—	0.50	—
(xv)	Capital Content 91—92 ..	18.08	18.08	—	—	—	—
(xvi)	Puplicity ..	0.11	0.11	—	—	—	—
	<b>Total—Ayurveda</b> ..	<b>230.00</b>	<b>230.00</b>	<b>1800.00</b>	<b>215.00</b>	<b>293.00</b>	<b>51.50</b>
<b>3.</b>	<b>MEDICAL EDUCATION :</b>						
	Medical Education Training and Research—Indira Gandhi Medical College, Shimla, (Strengthening of Medical College, Shimla ..	250.00	250.00	1893.00	450.00	433.00	180.00
	<b>Total—Medical Education</b> ..	<b>250.00</b>	<b>250.00</b>	<b>1893.00</b>	<b>450.00</b>	<b>433.00</b>	<b>180.00</b>
	<b>Total—XII</b> ..	<b>1550.00</b>	<b>1550.00</b>	<b>14481.00</b>	<b>1665.00</b>	<b>2388.00</b>	<b>461.50</b>
<b>XII.</b>	<b>WATER SUPPLY AND SANITATION :</b>						
<b>1.</b>	<b>WATER SUPPLY :</b>						
	<b>(a) Urban Water Supply</b>						
	(b) Direction and Administration other Expenditure ..	66.00	66.00	465.00	—	73.00	—
	(i) Maintenance & Repair ..	500.00	500.00	2500.00	—	500.00	—
	(ii) Repayment of HUDCO ..	112.00	112.00	449.00	449.00	105.00	105.00
	(iii) Works including I.U.D.P. ..	222.00	222.00	3000.00	3000.00	200.00	400.00
	<b>Total—(a)</b> ..	<b>900.00</b>	<b>900.00</b>	<b>6414.00</b>	<b>3449.00</b>	<b>878.00</b>	<b>505.00</b>
	<b>(b) Rural Water Supply</b>						
	(i) Direction & Administration ..	711.00	711.00	4793.00	—	782.00	—
	(ii) Training ..	2.00	2.00	11.00	—	2.00	—
	(iii) Machinery & Equipment ..	12.80	12.80	75.00	75.00	15.00	15.00
	<b>OTHER EXPENDITURE</b>						
	(i) Repair & Maintenance ..	500.00	500.00	3355.00	—	550.00	—
	(ii) Minor Works ..	50.00	50.00	290.00	290.00	58.00	58.00
	(iii) Testing Laboratory ..	2.00	2.00	16.00	16.00	3.00	3.00
	(iv) Suspense ..	1.00	1.00	5.00	5.00	1.00	1.00
	(v) Provision of taps ..	493.00	493.00	3355.00	3355.00	550.00	550.00
	(vi) Replacement/Renovation of old pumping system ..	20.00	20.00	300.00	300.00	23.00	23.00
	(vii) Remodelling/Rejuvenation of old WSS ..	25.00	25.00	155.00	155.00	29.00	29.00
	(viii) Puplicity ..	2.20	2.20	11.00	—	2.00	—
	(ix) Works ..	1236.00	1236.00	11670.00	11670.00	2250.00	2250.00
	<b>Total—(b)</b> ..	<b>3055.00</b>	<b>3055.00</b>	<b>24036.00</b>	<b>15866.00</b>	<b>4265.00</b>	<b>2929.00</b>
	<b>Total—Water Supply</b> ..	<b>3955.00</b>	<b>3955.00</b>	<b>30450.00</b>	<b>19315.00</b>	<b>5143.00</b>	<b>3434.00</b>



(Rs. in lakh)

1	2	3	4	5	6	7	8
2.	<b>SEWERAGE AND SANITATION :</b>						
	<b>(A) SEWERAGE :</b>						
	Direction & Administration	6.00	6.00	43.00	—	7.00	—
	<b>Other Expenditure :</b>						
	(i) Maintenance & Repair	2.00	2.00	12.00	—	2.00	—
	(ii) Works. (including IUDP)	92.00	92.00	1295.00	1295.00	66.00	66.00
	<b>Total—(a)</b>	<b>100.00</b>	<b>100.00</b>	<b>1350.00</b>	<b>1295.00</b>	<b>75.00</b>	<b>66.00</b>
	<b>(B) RURAL SANITATION ..</b>						
	<b>Total—(b)</b>	<b>25.00</b>	<b>25.00</b>	<b>5685.00</b>	<b>—</b>	<b>725.00</b>	<b>—</b>
	<b>(C) LOW COST SANITATION :</b>						
	Loans for Welfare of Scheduled Castes/ Scheduled Tribes and other Backward Classes (State Share)	20.00	20.00	60.00	—	12.00	—
	<b>Total—(c)</b>	<b>20.00</b>	<b>20.00</b>	<b>60.00</b>	<b>—</b>	<b>12.00</b>	<b>—</b>
	<b>Total—2—Sewerage and Sanitation</b>	<b>145.00</b>	<b>145.00</b>	<b>7095.00</b>	<b>1295.00</b>	<b>812.00</b>	<b>66.00</b>
3.	<b>HOUSING :</b>						
	<b>(a) Pooled Government Housing</b>						
	<b>Total—Pooled Government Housing</b>	<b>235.00</b>	<b>235.00</b>	<b>4320.00</b>	<b>4320.00</b>	<b>617.00</b>	<b>617.00</b>
	<b>(b) Housing Department :</b>						
	<b>Rural Housing :</b>						
	(i) Provision of Houses to Land less : Subsidy for the Development of House Site in Rural Areas	1.00	1.00	2.00	—	—	—
	(ii) Urban Housing : Subsidy for the Development of House Sites in Urban Areas	0.30	0.30	14.00	—	1.00	—
	(iii) Other Expenditure : Subsidy for the replacement of Wooden roofs into tin sheets	0.50	0.50	6.00	—	0.50	—
	(iv) Interest subsidy on banking loan for purchase of tin sheets	0.50	0.50	2.00	—	0.50	—
	(v) Irrecoverable loan written off	0.20	0.20	1.00	—	0.20	—
	<b>Sub total</b>	<b>2.50</b>	<b>2.50</b>	<b>25.00</b>	<b>—</b>	<b>2.20</b>	<b>—</b>

1	2	3	4	5	6	7	8
<b>General Pool Accommodation</b>							
(i)	Repayment of HUDCO loans under Rental Housing Schemes for Government Employees	8.00	8.00	35.00	35.00	6.00	6.00
(ii)	Share of Investment/ .. Excess expenditure incurred by the Housing Board in existing Rental Housing Colonies ..	10.00	10.00	45.00	45.00	8.00	8.00
(iii)	Repayment of HUDCO loans under flood Relief Scheme for various places and other liabilities ..	35.00	35.00	170.00	170.00	30.00	30.00
(iv)	Repayment of HUDCO loans under Police Rental Housing Schemes ..	6.00	6.00	35.00	35.00	3.80	3.80
	<b>Sub-Total</b> ..	<b>59.00</b>	<b>59.00</b>	<b>285.00</b>	<b>285.00</b>	<b>47.80</b>	<b>47.80</b>
<b>Other Loans :</b>							
(i)	Grant of loans to Economically Weaker Section in Urban Areas ..	3.00	3.00	20.00	20.00	4.00	4.00
(ii)	Loans under VHP Scheme ..	—	—	—	—	—	—
(iii)	Loans to Housing Board ..	80.00	80.00	410.00	410.00	79.55	79.55
(iv)	Loans under LIGH Scheme ..	20.00	20.00	123.00	123.00	27.00	27.00
(v)	Loans under MIGH Scheme ..	15.50	15.50	100.00	100.00	39.45	39.45
	<b>Sub-Total</b> ..	<b>118.50</b>	<b>118.50</b>	<b>653.00</b>	<b>653.00</b>	<b>150.00</b>	<b>150.00</b>
	<b>Total—Housing Department</b> ..	<b>180.00</b>	<b>180.00</b>	<b>963.00</b>	<b>938.00</b>	<b>200.00</b>	<b>197.80</b>
<b>(C) RURAL HOUSING</b>							
(i)	Rural Housing for Houseless Antyodaya Families (Non-SC/ST) ..	20.00	20.00	175.00	—	35.00	—
	<b>Sub-Total (c)</b> ..	<b>20.00</b>	<b>20.00</b>	<b>175.00</b>	<b>—</b>	<b>35.00</b>	<b>—</b>
	<b>Total—Housing</b> ..	<b>435.00</b>	<b>435.00</b>	<b>5458.00</b>	<b>5258.00</b>	<b>852.00</b>	<b>814.00</b>
<b>4 URBAN DEVELOPMENT</b>							
<b>(A) TOWN AND COUNTRY PLANNING</b>							
(a)	Directorate of Town and Country Planning Organisation .. (Establishment & Minor works) ..	77.00	77.00	570.00	130.00	95.00	25.00
	<b>Sub-Total—Town and Country Planning</b> ..	<b>77.00</b>	<b>77.00</b>	<b>570.00</b>	<b>130.00</b>	<b>95.00</b>	<b>25.00</b>

1	2	3	4	5	6	7	8
	(a) Environmental Improvement of Urban						
	Slums ..	48.00	48.00	315.00	315.00	63.00	63.00
(c)	<b>GRANT-IN-AID TO LOCAL BODIES AND DIRECTORATE OF URBAN LOCAL BODIES :</b>						
	(a) URBAN DEVELOPMENT :						
	(i) Direction & Administration ..	12.00	12.00	105.00	—	15.00	—
	(ii) Directorate of Urban Local Bodies ..	—	—	—	—	—	—
	Sub-Total—(a) ..	12.00	12.00	105.00	—	15.00	—
	(b) Assistance to Urban Local Bodies, Corp. and Urban Development Authorities & Town Improvement Boards etc. ..						
	(i) Assistance for Const./ repair of towns Halls/Buildings ..	5.00	5.00	40.00	—	6.00	—
	(ii) Assistance for C/ Repair of Parks ..	1.50	1.50	13.00	—	2.00	—
	(iii) Assistance for newly constructed Committee ..	0.50	0.50	10.00	—	1.00	—
	(iv) Assistance for const. of rain shelters ..	2.50	2.50	20.00	—	3.00	—
	(v) Assistance for C/o Mule sheds/cattle Pods ..	—	—	—	—	—	—
	(vi) Assistance for C/o ware Houses/Labour Hostels ..	—	—	—	—	—	—
	(vii) Assistance for installation of street Light Points ..	6.00	6.00	40.00	—	7.00	—
	(viii) Assistance for C/o Veg./Meat Markets ..	—	—	—	—	—	—
	(ix) Assistance for C/o crematoriums ..	2.50	2.50	20.00	—	3.00	—
	(x) Assistance for C/o shops/stalls/Rest Houses ..	—	—	—	—	—	—
	(xi) Assistance for C/o Slaughter houses ..	—	—	10.00	—	1.00	—
	(xii) Assistance for Plantation ..	1.00	1.00	10.00	—	1.00	—
	(xiii) Assistance to Municipal Committees Dharamshala for maintenance of war memorial Trust ..	1.00	1.00	5.00	—	1.00	—

(Rs. in Lakh)

1	2	3	4	5	6	7	8
	(xiv) Implementation of Nehru Rozgar Yojna	25.00	25.00	190.00	—	28.00	—
	(xv) Assistance/Soft Loan to Urban Local Bodies for creation of remunerative assets..	13.00	13.00	80.00	—	14.00	—
	Total—(b)	58.00	58.00	438.00	—	67.00	—
	(e) Urban Basic Service	10.00	10.00	65.00	—	12.00	—
	Total—(c)	10.00	10.00	65.00	—	12.00	—
	(d) Antyodaya Programme:						
	(i) Interest subsidy	—	—	50.00	—	10.00	—
	(ii) Subsidy on Project/State	—	—	50.00	—	10.00	—
	Total—(d)	—	—	100.00	—	20.00	—
	(e) Integrated Development of small and Medium towns	—	—	180.00	—	40.00	—
	Total—(e)	—	—	180.00	—	40.00	—
	Total—(a) to (e)	80.00	80.00	888.00	—	154.00	—
<b>2. Water Supply :</b>							
	Assistance to Local Bodies Municipalities etc.	15.00	15.00	100.00	—	16.00	—
	Total—2	15.00	15.00	100.00	—	16.00	—
<b>3. Roads and Bridges:</b>							
	Assistance to Public Sector and other undertakings— Assistance to urban Local Bodies for C/Repairs of Roads	12.00	12.00	100.00	—	15.00	—
	Total—3	12.00	12.00	100.00	—	15.00	—
	Total—(c) to (e)	107.00	107.00	1088.00	—	185.00	—
<b>URBAN DEVELOPMENT AUTHORITY :</b>							
	(i) Assistance to Urban Development Authorities and Special Area Development Authorities	35.00	35.00	175.00	175.00	35.00	35.00
	(ii) Capital outlay on Urban Development	185.00	185.00	1000.00	1000.00	100.00	100.00
	Total—Urban Development Authority	220.00	220.00	1175.00	1175.00	135.00	135.00
	Sub-Total—(4)—(Urban Development)	452.00	452.00	3148.00	1620.00	478.00	232.00
	Total—XIII	4987.00	4987.00	46151.00	27488.58	7285.00	4537.80

1	2	3	4	5	6	7	8
<b>XIV. INFORMATION AND PUBLICITY:</b>							
<b>Films:</b>							
(i)	Refereshor & Training camps for field staff ..	—	—	5.00	—	1.00	—
(ii)	Research & Reference wing ..	—	—	6.00	—	2.00	—
(iii)	Production of Video Films ..	2.00	2.00	30.00	—	5.00	—
	(Production of Films) ..						
(iv)	Direction & Administration (Strengthening of Plan Publicity) ..	20.00	20.00	100.00	—	20.00	—
<b>Others:</b>							
(v)	Video Display units .. (Mobile Cinema Scheme)	3.74	3.74	30.00	—	4.00	—
(vi)	Advertisement & Visual Publicity .. (Press Advertisement Scheme)	8.66	8.66	50.00	—	10.00	—
(vii)	Press Information Bank Scheme .. (Information Centre)	1.55	1.55	31.00	—	6.00	—
(viii)	Introduction of Modern Information Techniques ..	—	—	100.00	—	9.00	—
(ix)	Exhibition Scheme ..	2.50	2.50	15.00	—	3.00	—
(x)	Photo Service ..	—	—	5.00	—	1.00	—
(xi)	Publication Scheme ..	4.43	4.43	15.00	—	4.00	—
(xii)	Television Scheme ..	20.15	20.15	155.00	—	20.00	—
(xiii)	Publicity Scheme ..	2.50	2.50	15.00	—	3.00	—
(xiv)	Tribal Areas Sub-Plan ..	15.00	15.00	60.00	—	17.00	—
(xv)	Capital Account ..	24.47	24.47	61.00	—	18.00	—
<b>Total—XIV</b> ..		<b>105.00</b>	<b>105.00</b>	<b>678.00</b>	<b>—</b>	<b>123.00</b>	<b>—</b>

**XV. WELFARE OF SCHEDULED CASTES/ SCHEDULED TRIBES AND BACKWARD CLASSES:**

**I. Direction & Administration:**

1.	Strengthening of staff	18.00	18.00	100.00	100.00	22.65	—
2.	Construction of Directorate Building	11.00	11.00	71.00	71.00	12.00	12.00

**II. WELFARE OF SCHEDULED CASTES:**

1.	Economic betterment for Sch. Castes	4.20	4.20	36.00	—	5.00	—
2.	Award for inter caste marriages	3.30	3.30	35.00	—	4.00	—
3.	Improvement of environment of Harijan Basties	8.20	8.20	70.00	—	9.50	—
4.	Upgradation of facilities in scheduled caste concentration areas (Drinking water supply)	8.20	8.20	70.00	—	9.50	—
5.	Matching grant of C.S.S.						
	(a) Book Bank	0.45	0.45	4.00	—	0.50	—
	(b) P.C.R. Act	1.00	1.00	8.00	—	1.15	—
	(c) Girls Hostels	5.50	5.50	40.00	—	6.50	—
	(d) Scholarships to the children of those who engaged in unclean occupations	0.30	0.30	3.00	—	0.25	—
<b>Sub Total—5</b> ..		<b>7.25</b>	<b>7.25</b>	<b>55.00</b>	<b>—</b>	<b>8.40</b>	<b>—</b>

(Rs. in Lakh)

1	2	3	4	5	6	7	8
6.	Pre examination coaching centres	5.34	5.34	36.00	—	7.17	—
7.	Electrification of Sch. Caste/Sch. Tribes houses	4.00	4.00	31.00	—	4.50	—
8.	Award to Panchayats	3.85	3.85	30.00	—	4.00	—
9.	Social Awareness Campaign	5.00	5.00	35.00	—	5.00	—
10.	Compensation to SC victims of Atrocities	1.00	1.00	8.00	—	1.00	—
11.	Technical Scholarships	5.21	5.21	40.00	—	7.35	—
12.	Proficiency in typing & shorthand	1.15	1.15	10.00	—	2.00	—
13.	Housing Subsidy	41.00	41.00	350.00	—	47.00	—
14.	Cons. & Houses for vulnerable groups	5.50	5.50	40.00	—	6.50	—
<b>III. WELFARE OF SCHEDULED TRIBES:</b>							
1.	Technical Scholarships	3.10	3.10	28.00	—	3.50	—
2.	Follow-up programme	1.30	1.30	10.00	—	1.50	—
3.	Housing Subsidy	19.00	19.00	150.00	—	22.23	—
4.	Girls Hostels (C.S.S.)	5.91	5.91	48.00	—	7.00	—
5.	Asharam Schools (C.S.S.)	7.43	7.43	60.00	—	4.00	—
6.	Gujjar Schools (OC) Sabu, Indora and Bharanu	4.46	4.46	35.00	—	8.00	—
7.	Tribal Advisory Council	1.20	1.20	8.00	—	1.20	—
<b>IV. WELFARE OF OBCs:</b>							
1.	Technical Scholarships for OBCs Antyodaya families other than SC/ and ST	4.40	4.40	50.00	—	9.00	—
Total SC, ST & OBCs :—		179.00	179.00	1406.00	171.00	212.00	12.00
<b>V. SCHEDULED CASTES DEVELOPMENT CORPORATION:</b>							
		40.00	40.00	250.00	—	45.00	—
Total—V :—		219.00	219.00	1656.00	171.00	257.00	12.00
<b>XVI. LABOUR AND LABOUR WELFARE :</b>							
<b>I. LABOUR AND EMPLOYMENT</b>							
<b>A. LABOUR:</b>							
1.	Direction & Administration (Staff at Headquarters)	0.45	0.45	13.00	—	2.00	—
2.	Industrial Relations:						
(a)	Enforcement of Labour Laws	14.25	14.25	95.00	—	16.00	—
(b)	Enforcement of labour laws in Tribal Areas	—	—	10.00	—	0.80	—
(c)	Labour Court (Settlement of Disputes)	4.16	4.16	35.00	—	6.00	—
Sub-Total—2		18.41	18.41	140.00	—	22.80	—
3.	Acquisition of land and construction of Building	4.00	4.00	10.00	10.00	4.00	4.00
4.	Strengthening of Inspectorate of Factories	0.90	0.90	10.00	—	1.50	—
5.	General Labour Welfare						
(a)	Setting up of women cell at the Headquarters	—	—	4.00	—	0.30	—
(b)	Labour welfare Fund	—	—	5.00	—	1.00	—

(Rs. in Lakh)

	2	3	4	5	6	7	8
(c) Identification of Rehabilitation of Bounded Labour		—	—	1.00	—	0.10	—
(d) Strengthening of Research and Statistics unit at Headquarters		—	—	2.00	—	0.10	—
(e) Setting-up of Labour Welfare Centre at Parwanoo		—	—	2.00	—	0.20	—
<b>Total Labour 1 to 5 —</b>		<b>23.76</b>	<b>23.76</b>	<b>187.00</b>	<b>10.00</b>	<b>32.00</b>	<b>4.00</b>

**B. MAN POWER AND EMPLOYMENT SERVICES:**

1. Direction & Administration-Staff at the Directorate of Employment		—	—	16.00	—	1.00	—
2. Extension coverage of Employment services.	..	17.90	17.90	141.00	—	19.80	—
3. Collection of Employment Marketing Information.	..	0.11	0.11	10.00	—	1.00	—
4. Vocational Guidance and Emp. Counselling.	..	1.03	1.03	12.00	—	1.10	—
5. University Emp. Guidance and Inf. Bureau.	..	0.91	0.91	9.00	—	1.00	—
6. Setting-up of Enforcement cum vigilance cell.	..	—	—	8.00	—	0.40	—
7. Acquisition of Land and Construction of Building	..	2.29	2.29	20.00	20.00	3.00	3.00
8. Flow to Tribal Area Sub Plan—Employment Services Tribal Area	..	4.00	4.00	20.00	10.00	4.20	1.00
9. Computerisation of Employment Exchanges	..	—	—	6.00	—	1.00	—
10. Introduction of self Employment Scheme in Employment exchanges	..	—	—	6.00	—	1.50	—
<b>Total—B</b>	..	<b>26.24</b>	<b>26.24</b>	<b>248.00</b>	<b>30.00</b>	<b>34.00</b>	<b>4.00</b>
<b>Total—XVI</b>	..	<b>50.00</b>	<b>50.00</b>	<b>435.00</b>	<b>40.00</b>	<b>66.00</b>	<b>8.00</b>

**XVIII. SOCIAL WELFARE AND NUTRITION :****A.. SOCIAL WELFARE :****I. Welfare of Handicapped :**

1. Stipend to Handicapped	—	2.10	2.10	17.00	—	3.50	—
2. Aid for purchase and fitting of Artificial Limbs	—	1.30	1.30	12.00	—	2.50	—
3. Marriage grants to Handicapped..	..	0.50	0.50	15.00	—	0.75	—
4. Matching Grant for Centrally Sponsored Schemes :							
(a) Home for deaf and dumb	..	0.30	0.30	2.00	—	0.35	—
(b) Colony for Patients of leprosy	..	1.00	1.00	10.00	—	5.00	—
(c) Home for Physically Handicapped	..	0.30	0.30	3.00	—	0.40	—
(d) Petrol Subsidy	..	0.05	0.05	1.00	—	0.05	—
5. Home for Mentally Retarded Children	..	1.00	1.00	12.00	—	1.20	—
6. Staff for Handicapped Home at Sundernagar	..	1.21	1.21	20.00	—	6.00	—
7. Rehabilitation Allowance to leprosy Patients	..	12.60	12.60	100.00	—	15.00	—
8. Vocational Rehabilitation Centre	..	2.25	2.25	18.00	—	2.00	—
<b>Sub-Total—I</b>	..	<b>22.61</b>	<b>22.61</b>	<b>210.00</b>	<b>—</b>	<b>36.75</b>	<b>—</b>

**II. Child Welfare :**

1. Foster Care Services	..	2.65	2.65	18.00	—	3.00	—
2. Rehabilitation of inmates of Bal/Balika Ashrams Including Assistance for Vocation Rehabilitations	..	2.38	2.38	20.00	—	2.50	—

1	2	3	4	5	6	7	8
3.	Hostel for Children at Mehla ..	2.65	2.65	10.00	—	3.00	—
4.	Repair of Bal/Balika Ashrams/State Home etc. ..	0.38	0.38	5.00	—	4.50	—
5.	Home for Children in Need of Care and Protection ..	0.25	0.25	12.00	—	3.00	—
6.	Running and Maintenance of Bal/Balika Ashrams ..	11.00	11.00	90.00	—	9.00	—
7.	Balwadies ..	30.00	30.00	300.00	—	48.00	—
	Sub-Total—II ..	49.31	49.31	455.00	—	73.00	—
<b>III. Social Defence :</b>							
1.	Staff under Juvemile Justice Act ..	0.15	0.15	1.50	—	0.50	—
2.	Building under Juvemile Justice Act ..	4.55	4.55	50.00	50.00	6.00	6.00
	Sub-Total—III ..	4.70	4.70	51.50	50.00	6.50	6.00
<b>IV. Women Welfare :</b>							
1.	Women Development Corporation ..	5.00	5.00	20.00	—	6.00	—
2.	Working Women Hostels ..	2.00	2.00	15.00	—	2.50	—
3.	State Home ..	6.00	6.00	25.00	—	2.00	—
4.	Vocational Training to Women in Distress ..	0.70	0.70	6.00	—	1.00	—
	Sub-Total—IV ..	13.70	13.70	66.00	—	11.50	—
<b>V. Welfare of Destitutes :</b>							
1.	Marriage grant to Destitute Girls/Women ..	3.25	3.25	25.00	—	4.00	—
2.	Financial Assistance to Destitute Girls/Women ..	1.00	1.00	5.00	—	1.25	—
3.	Aged-Home ..	4.00	4.00	32.00	—	5.00	—
	Sub-Total—V ..	8.25	8.25	62.00	—	10.25	—
<b>VI. Others :</b>							
1.	Welfare of Ex-Prisoners ..	0.15	0.15	2.00	—	0.50	—
2.	Grant to other voluntary Organisations ..	2.25	2.25	18.00	—	5.00	—
3.	Old Age Widow Pension/pension Social Security Schemes ..	100.00	100.00	625.00	—	125.00	—
4.	Staff for State Home, Bilaspur ..	3.03	3.03	25.50	—	1.00	—
5.	After Care Vocational Centres ..	0.50	0.50	2.00	—	1.00	—
6.	Awareness Campaign ..	0.50	0.50	3.00	—	1.00	—
7.	Grant to Legal Advisory Board ..	3.00	3.00	25.00	—	3.50	—
	Sub-Total—VI ..	109.43	109.43	700.50	—	137.00	—
	<b>TOTAL—SOCIAL WELFARE</b> ..	<b>208.00</b>	<b>208.00</b>	<b>1545.00</b>	<b>50.00</b>	<b>275.00</b>	<b>6.00</b>
<b>B. SPECIAL NUTRITION PROGRAMME :</b>							
	including (ICDS) ..	225.00	225.00	1300.00	—	260.00	—
	<b>Total—XVII</b> ..	<b>433.00</b>	<b>433.00</b>	<b>2845.00</b>	<b>50.00</b>	<b>535.00</b>	<b>6.00</b>
	<b>TOTAL—SOCIAL SERVICES</b> ..	<b>11718.00</b>	<b>11718.00</b>	<b>103047.00</b>	<b>32608.00</b>	<b>16449.00</b>	<b>5667.22</b>



(Rs. in Lakh)

1	2	3	4	5	6	7	8
<b>C. XVIII—GENERAL SERVICES:</b>							
<b>1. STATIONERY AND PRINTING:</b>							
(i)	Augmentation of staff ..	45.00	45.00	300.00	300.00	50.00	50.00
(ii)	Machinery and Equipment ..	15.00	15.00	88.00	88.00	20.00	20.00
(iii)	Residential colony for staff ..	10.00	10.00	145.00	145.00	25.00	25.00
Total—Stationery & Printing—(1) ..		70.00	70.00	533.00	533.00	95.00	95.00
<b>2. Pooled Non-Residential Government Buildings</b>							
..		475.00	475.00	3680.00	3680.00	545.00	545.00
Total—(2) ..		475.00	475.00	3680.00	3680.00	545.00	545.00
<b>3. OTHERS:</b>							
HIPA ..		40.00	40.00	263.00	47.00	46.00	12.00
<b>(b) NUCLEUS BUDGET FOR TRIBAL AREAS:</b>							
Distt. Administration T.A.S.P. Exp. on Apptt. of Staff Nucleus Budget for Tribal Areas ..		52.50	52.50	350.00	—	70.00	—
Total—(b) ..		52.50	52.50	350.00	—	70.00	—
<b>(c) TRIBAL DEVELOPMENT MACHINERY:</b>							
(i)	Expenditure on Secretariat Staff ..	3.50	3.50	20.00	—	4.00	—
(ii)	Model village scheme in Distts. (ITDPs) ..	4.00	4.00	38.00	—	5.00	—
Total—(c) ..		7.50	7.50	58.00	—	9.00	—
<b>(d) EQUITY TO EX-SERVICEMEN CORPORATION INCLUDING PESXEM :</b>							
(i)	Exp. on Directorate Building ..	1.50	1.50	—	—	—	—
(ii)	State Share for Sainik Rest House ..	2.50	2.50	—	—	—	—
(iii)	PESXEM: ..	10.00	10.00	—	—	—	—
(a)	Salary ..	—	—	45.00	—	6.80	—
(b)	Sarkaghat Rest House ..	—	—	15.00	—	3.70	—
(c)	Directorate Building ..	—	—	—	—	2.50	2.50
(d)	Capital outlay on Social Security MM loan/investment in Exservicemen welfare corporation ..	12.00	12.00	126.00	126.00	18.00	18.00
(e)	Staff (New) ..	—	—	21.00	—	3.00	—
(f)	District Level Building ..	—	—	10.00	—	2.00	—
(g)	Interest Subsidy to Ex-Servicemen Corporation ..	6.00	6.00	63.00	63.00	9.00	9.00
(h)	Admn. Exp. grants (Net of internal receipts) ..	—	—	50.00	—	8.00	—
Sub-Total—(d) ..		32.00	32.00	330.00	189.00	53.00	29.50
Total—(3) ..		132.00	132.00	1001.00	236.00	178.00	41.50
Total—C—XVIII—GENERAL SERVICE ..		677.00	677.00	5214.00	4449.00	818.00	631.50
<b>GRAND TOTAL—(ALL SECTORS) (A+B+C) ..</b>							
..		41000.00	41000.00	338720.18	174567.45	53453.78	29330.32

**DRAFT EIGHTH FIVE YEAR PLAN (1992—97) AND ANNUAL PLAN (1992-93)—PHYSICAL TARGETS AND ACHIEVEMENTS**

Sl. No.	Item	Unit	Seventh Plan	Annual Plan	Annual Plan 1991-92		Proposed Targets	
			(1985-90) Actual Achievement	(1990-91) Actual Achievement	Target	Ant. Achievement	Eighth Plan (1992—97)	Annual Plan (1992—93)
1	2	3	4	5	6	7	8	9
<b>AGRICULTURE AND ALLIED SERVICES :</b>								
<b>1. Agriculture :</b>								
<b>1. Food-grains Kharif :</b>								
1. Rice :								
	(a) Area	.. '000 Hect.	89.78	84.940	106.000	95.000	98.00	95.50
	(b) Production	.. M.T.	95.86	106.500	130.000	130.000	160.000	142.000
2. Maize :								
	(a) Area	.. Hect.	315.73	319.110	302.000	315.000	320.000	316.000
	(b) Production	.. M.T.	673.94	654.960	649.000	640.000	700.000	670.000
3. Ragi :								
	(a) Area	.. Hect.	6.39	5.960	15.000	6.000	6.000	6.000
	(b) Production	.. M.T.	4.36	4.060	10.000	4.000	5.000	4.400
4. Millets :								
	(a) Area	.. Hect.	18.02	16.010	30.000	16.000	16.000	16.000
	(b) Production	.. M.T.	7.27	10.320	16.000	10.000	11.000	10.400
5. Pulses :								
	(a) Area	.. Hect.	29.40	33.180	45.000	40.000	45.000	41.000
	(b) Production	.. M.T.	7.11	7.950	35.000	12.000	20.000	15.200
	Total—Kharif Area	.. '000 Hect.	485.00	459.200	498.000	472.000	485.000	474.50
	Total—Production	.. '000 M.T.	786.00	783.890	840.000	796.000	896.000	842.000
<b>Rabi :</b>								
1. Wheat :								
	(a) Area	.. '000 Hect.	365.00	360.000(P)	360.000	370.000	375.00	370.00
	(b) Production	.. M.T.	500.00	515.000(P)	540.000	540.000	585.000	561.000
2. Barley :								
	(a) Area	.. Hect.	44.00	45.000(P)	45.000	40.000	40.000	40.000
	(b) Production	.. M.T.	50.00	50.000	45.000	50.000	60.000	54.000
3. Gram :								
	(a) Area	.. '000 Hect.	36.50	37.000(p)	37.000	10.000	15.000	12.000
	(b) Production	.. '000 M.T.	2.00	5.000(p)	10.000	30.000	7.000	4.000
4. Pulses :								
	(a) Area	.. '000 Hect.	3.50	4.000(P)	4.000	5.000	7.000	5.000
	(b) Production	.. '000 MT.	2.00	3.000(P)	5.000	4.000	6.000	4.000
	Total—Rabi Area	.. '000 Hect.	499.00	446.000(p)	446.000	425.000	437.000	427.000
	Total—Production	.. '000 Hect.	554.00	573.000(p)	600.000	597.000	658.000	623.000
<b>Grand Total—Kharif and Rabi</b>								
	(a) Area	.. '000 Hect.	934.00	905.200	944.000	897.000	922.000	901.500
	(b) Production	.. '000 M.T.	1340.00	1356.890	1440.000	1397.000	1554.000	1465.000
<b>2. Commercial :</b>								
1. Potato :								
	(a) Area	.. '000 Hect.	16.00	16.000	16.000	16.000	17.000	16.200
	(b) Production	.. '000 M.T.	135.00	115.000	125.000	125.000	160.000	130.000
2. Vegetable								
	(a) Area	.. '000 Hect.	16.00	22.000	23.000	23.000	25.000	23.400
	(b) Production	.. '000 Hect.	370.00	365.000	368.000	368.000	400.000	374.000

1	2	3	4	5	6	7	8	9	
3. Ginger :									
(a) Area	..	'000 Hect.	3.0	2.850	2.850	2.850	3.000	2.900	
(b) Production (Dry ginger)	..	'000 M.T.	2.10	2.900	2.900	2.900	3.200	2.950	
4. Oil Seeds ::									
A. Major oil seeds :									
(i) Groundnut	}	..	'000 M.T.	12.50	13.000	13.500	13.500	30.000	24.000
(ii) Castor seeds		..	"						
(iii) Sesamum		..	"						
(iv) Rapeseed and mustard linseed		..	"						
2. Improved seed :									
(a) Cereals	..	M.T.	3231.4	3035.2	3088.8	3088.88	1890.0	3500.0	
(b) Pulses	..	"	653.2	1116.5	100.0	100.0	660.0	130.0	
(c) Oilseeds	..	"	157.1	595.5	150.0	150.0	350.0	70.0	
Total	..		4059.7	4747.2	3338.8	3338.8	2900.0	3700.0	
3. Chemical fertilizers :									
(a) Nitrogenous(N)	..	000 M.T.	23.62	24.890	28.250	28.250	37.000	29.600	
(b) Phosphatic(P)	..		5.27	5.669	5.500	5.500	7.000	5.800	
(c) Potassic (K)	..		3.81	4.043	4.250	4.250	6.000	4.600	
Total—N+P+K	..		32.70	34.602	38.000	38.000	50.000	40.000	
4. Plant Protection :									
(a) Pesticides Consumption of tech. Grade material	..	'000 M.T.	225.00	232	240	240	260	245	
(b) Area coverage	..	'000 Hect.	418.00	424	440	440	475	447	
5. High Yielding Varieties :									
1. Rice :									
(a) Total cropped area	..	"	100.00	840.940	106.000	95.000	98.00	95.50	
(b) Area under H.Y.V.	..	"	91.25	84.000	93.000	93.000	95.00	93.50	
2. Wheat :									
(a) Total cropped area	..	"	365.00	360.000	360.000	370.000	375.00	370.00	
(b) Area under H.Y.V.	..	"	337.00	340.000	340.000	360.000	375.00	370.00	
3. Maize :									
(a) Total cropped area	..	"	295.00	319.111	302.000	315.000	320.00	316.00	
(b) Area under H.Y.V.	..	"	100.00	102.000	102.000	102.000	120.00	110.00	
Total—Area under above cereals	..		760.00	764.000	768.000	780.00	793.00	781.00	
Total—Area under H.Y.V. above cereals	..		528.25	526.000	535.000	555.000	590.00	573.50	
6. Agriculture Machinery and Implements :									
1. Hand tools and implements to be distributed		Nos.	80,854	17,000	18,000	18,000	1,00,000	20,000	
2. Soil Conservation :									
A. Agriculture Department :									
(a) Soil and water conservation on Agri. Land (Non Tribal Area)	..	Hect.	6490	1100	1100	1100	6500	1500	
(b) Soil and water conservation on Agri. Land (Tribal Area)	..	"	724	135	135	135	700	150	

1	2	3	4	5	6	7	8	9
(c) Survey of culturable waste land ..	Hect	87050	3750	3750	3750	20,000	4,000	
<b>B. Forests</b>		(Cumulative)						
(a) Protective Afforestation conservation and demonstration :	Hect.	1,18,314	401	400	400	4,000	550	
<b>3. Dry land farming :</b>		(Cumulative)						
1. Dev. of selected micro water-sheds :								
(a) No. of water sheds taken-up ..	Nos.	88	5	5	5	25	5	
(b) Area covered under water shed ..	Hect.	8800	500	500	500	2500	500	
(c) Construction of water harvesting Storage structure ..	Nos.	88	5	5	5	25	5	
2. Area covered outside the selected watershed by dryland farming practice	Hect.	3,46,021	75,000	5,000	5000	25,000	5000	
<b>3. Adoption of dry farming practices in and out side the selected water sheds</b>		(Cumulative)						
(a) Distribution of other improved Agriculture implements/Seed-Cum-Fertilizer drills ..	No.	80854	17500	1800	1800	1,00,000	20,000	
(b) Distribution of Chemical Fertilizer ..	M.T.	16141	3800	4000	4000	5000	4,200	
(c) Distribution of improved drought resistant seeds ..	M.T.	60.50	18.50	18.50	18.50	22.00	19.00	
(d) Biogas Plant Dev. ..	Nos.	158.82	36.51	35.00	35.00	180.00	35.00	
<b>4. Horticulture :</b>								
1. Under fruits Plantation								
(a) Apples ..	'000 Hect	59.988	62.776	64.276	64.276	71.776	65.776	
(b) Other temperate fruits ..	"	27.956	28.458	29.758	29.758	34.758	30.758	
(c) Nuts and dry fruits ..	"	12.559	13.116	13.816	13.816	17.816	14.616	
(d) Citrus ..	"	34.863	36.005	38.550	38.550	46.505	39.705	
(e) Other Sub-tropical fruits ..	"	21.103	22.881	24.381	24.381	34.381	26.381	
Total ..	"	156.469	163.236	170.236	170.236	205.236	177.236	
2. Production of Fruits :								
(a) Apple ..	'000 M.T.	394.87	342.10	284.10	284.10	553.00	454.00	
(b) Other temperate fruits ..	"	39.63	14.90	33.10	33.10	56.00	46.00	
(c) Nuts and dry fruits ..	"	3.41	3.10	2.40	2.40	4.00	3.40	
(d) Citrus fruits ..	"	12.32	12.60	11.10	11.10	20.00	17.00	
(e) others tropical fruits ..	"	9.76	13.60	0.63	0.63	14.00	11.60	
Total ..	"	459.99	386.30	337.00	337.00	647.00	532.00	
3. Nursey Production :								
(a) Production of fruit plants in Government nurseries ..	Nos. Lakh	80.33	11.00	16.23	16.25	85.00	17.00	
(b) Establishment of New Fruit nurseries ..	Nos.	3	—	1	1	5.00	1.00	
<b>4. Fruit Plant Nutrition :</b>								
(a) Fruit Plant leaf tissue Samples collection and analysis ..	Lakh Nos	0.86	0.14	0.20	0.20	1.00	0.20	
<b>5. Plant Protection :</b>								
(a) Area to be covered under Plant Protection ..	LakhHect	1.32	1.10	1.45	1.45	1.75	1.50	

1	2	3	4	5	6	7	8	9
	(b) Area to be sprayed under Apple Scab ..	Lakh Hect	0.60	0.38	0.32	0.32	0.85	0.60
<b>6.</b>	<b>Development of fruit Production</b>							
	(a) Additional Area to be brought under fruit production. ..	000 Hect.	35.89	6.77	7.00	7.00	35.00	7.00
	(b) Distribution of Fruit Plants ..	Lakh Nos	118.88	17.19	17.50	17.50	100.00	20.00
<b>7.</b>	<b>Horticulture Information :</b>							
	(a) Publication to be brought out ..	Nos	40	—	12	12	60	12
	(b) Films to be prepared ..	Nos	—	—	1	1	5	1
	(c) Shows and Exhibition to be organised ..	Nos.	35	—	16	16	100	18
	(d) Horticultural Museum to be set-up ..	Nos.	—	—	—	—	1	1
<b>8.</b>	<b>Development of Bee Keeping :</b>							
	(a) Bee colonies to be maintained in the departmental Bee Keeping stations ..	Nos.	2725	1810	750	750	5000	1000
	(d) Bee colonies to be distributed to the Private Bee Keepers ..	Nos.	1987	51	1000	1000	5000	1000
<b>9.</b>	<b>Development of Floriculture :</b>							
	(a) Production of Flower nursery Plants ..	No. lakh	5.00	—	4.50	4.50	6.00	4.50
	(b) Production of Plot ..	Nos.	25	—	30	30	150	30
<b>10.</b>	<b>Development of Mashrooms :</b>							
	(a) Production & Distribution of Pasturised Compost ..	Nos.	71	8	100	100	500	100
	(b) Distribution of Spawn Bottles ..	Average M.T.	3000	107	1350	1350	6750	1350
	(c) New Pasturised Compost units to be set-up ..	Nos.	66,000	2,179	33,750	33,750	1,68,750	33,750
	(d) Production of Mashroom (Average Annually)	Nos Average	—	—	3	3	1	1
	(d) Production of Mashroom (Average Annually)	M.T.	500	510	500	500	750	550
<b>11.</b>	<b>Development of Hops :</b>							
	(a) Additional Area to be brought under Hops Cumulative ..	Hect M.T.	70 cumulative	11	12	12	75	15
<b>12.</b>	<b>Fruit Processing and Utilization</b>							
	(a) Fruit Products to be Manufactured in the Departmental Canning Unit. ..	M.T.	52.55	10'30	12	12	75	13
	(a) Fruit Products to be Manufactured in the Departmental Canning Unit. ..	M.T.	1200	129.80	250	250	1500	300
	(b) Fruit Product to be prepared in the Community Canning units	M.T.	205.0	38.60	40	40	250	45

1	2	3	4	5	6	7	8	9
(c) New Fruit canning units to be set-up ..	Nos.		—	—	—	—	3	1
(d) Pilot Plant for Cider/wine Production to be set-up ..	"		—	—	—	—	1	1
<b>13. Horticulture Marketing &amp; Quality Control :</b>								
(i) Fruit Markets covered for the collection of Market Information..	Nos.		28	—	25	25	30	25
(ii) Fruit boxes graded and Packed by way of demonstration ..	Lakh Nos.		12.15	1.93	2.00	2.00	10.00	2.00
<b>14. Production of Honey :</b>								
(a) In the Departmental Bee Keeping Stations ..	M T.		52.93	10.15	7.50	7.50	50.00	10.00
(b) In the State as a whole ..	M.T.		330.32	97.32	65.00	65.00	500.00	100.00
Total—14 ..			383.25	107.47	72.50	72.50	550.00	110.00
<b>5. Animal Husbandry :</b>								
<b>1. Live Stock Production :</b>								
1. Milk ..	000 Tonne		529.19	572.61	589.00	590.00	700.00	610.00
2. Eggs ..	Million		49.22	53.17	56.00	56.50	70.00	59.00
3. Wool ..	Lakh Kg.		14.05	14.52	14.60	14.65	16.00	15.00
<b>2. Physical Programme :</b>								
<b>A. Cattle/ Buffalo Dev.</b>								
1. Forzen semen ..	Nos.		1.86	1.99	2.05	—	2.40	2.15
2. No. of cross bred Cows available ..	Lakh		—	1.14	1.18	1.18	1.50	1.20
<b>B. Live stock Health Programme :</b>								
1. Veterinary Clinic Hospitals ..	Nos.		230	230	230	—	30	6
2. Veterinary dispensaries ..	Nos.		514	514	514	—	118	24
3. Poly Clinics ..			—	—	—	—	4	—
<b>6. Fisheries :</b>								
<b>1. Fish Production :</b>								
(a) Inland ..	000 Tonne		4620	5200	5800	5800	8000	6300
<b>2. Fish Seed Production :</b>								
(a) Carp fry ..	Million		18.9	20.00	25.00	25.00	50.00	30.00
3. Fish seed farms ..	Nos.		5	5	6	6	9	7
4. Trout Seed Fry ..	Million		1.2	0.67	0.70	0.70	8	6
5. Nursery Area ..	Hect.		13	13	20	15	40	20
<b>7. Forestry :</b>								
(i) Plantation of quick growing species ..	Hect		13131	1151	1230	1230	20850	1250
(ii) Economic and Commercial Plantation ..	"		14196	833	1275	1275	20850	1295
<b>(iii) Social Forestry :</b>								
(a) National Social Forestry (Umbrella)..	"		10,0511	22746	21547	21547	110000	21995
(b) Rural Fuel Wood and Fodders Project ..	"		15218	1981	2200	2200	16100	2200
(c) Pasture improvement ..	"		5013	497	867	867	6800	950

1	2	3	4	5	6	7	8	9
<b>IV Afforestation Social Conservation and Demonstration (Forest) (New Area)</b> .. —			3281	401	360	360	4000	550
<b>8. I IRDP :</b>								
(a) Total No. of families assisted	..	No.	159024	17037	9500	9500	60000	8000
(b) Total No. of S.C. families	..	"	83295	8066	4500	4500	25000	3440
(c) Total No. of S. T. families	..	"	15406	1691	920	920	5000	560
(d) Youth trained under Trysem	..	"	10837	1350	2760	2760	10000	3000
(e) Youth self employed	..	"	5378	917	—	2000	5000 1500	500 500
<b>III IREP :</b>								
1. Solar cookers	..	No.	3233	2855	4250	4250	25000	5500
2. Pressure cookers	..	No.	19863	7413	8800	8800	60000	15000
3. Nutan Stoves	..	No.	4283	801	2950	2950	150000	3500
4. Portable Chullahs	..	No.	1458	4897	7600	7600	10000	4750
5. Smokeless Chullahs	..	No.	12548	793	2200	2200	60000	4,500
6. Community Light	..	No.	8	—	—	—	10	—
7. Solar Water Heating System	..	No.	—	—	—	—	—	—
100 LPD	..	No.	282	313	500	500	200	500
200 LPD	..	No.	25	19	18	18	100	20
500 LPD	..	No.	23	9	29	29	60	35
1000 LPD	..	No.	7	5	5	5	5	5
8. Solar Pumps	..	"	9	—	3	3	20	5
9. Solar TV (with VCP)	..	No.	2	—	2	2	10	2
10. Community Solar cookers	..	No.	—	30	—	—	70	10
11. Solar stills	..	No.	—	3	30	30	75	13
12. Solar Driers	..	No.	—	—	30	30	500	25
13. Gasifiers Engines	..	No.	—	—	—	—	15	1
14. Improved water mills	..	No.	30	57	97	97	2400	300
15. Imp. Ropeways :	..	No.	—	—	1	1	2	1
16. Tandoor High Altitude	..	No.	—	986	600	600	1500	1250
17. Imp. Cremetorium	..	No.	49	12	19	19	200	30
18. Street light Pole	..	No.	56	40	10	10	—	10
19. Agro Generators	..	No.	—	—	—	—	24	3
20. Hydram	..	No.	3	—	10	10	30	12
21. P.V. Light Pole	..	No.	50	1248	75	75	500	140
22. Solar Passive Design	..	No.	—	—	—	—	10	3
23. Imp. Bukharis	..	No.	7	—	—	—	—	10
24. Energy audit	..	No.	84.3	—	—	—	100	—
25. L. P. G. Stove	..	No.	—	—	200	200	300	100
<b>9. NREP :</b>								
(i) Employment generation	..	Lakh Mandays	83.85	—	—	—	—	—
<b>II. J. R. Y.</b>								
Employment Generation	..	-do-	37.86	35.88	30.97	30.97	200.00	32.00
<b>10. Rural Sanitation :</b>								
No. of households to be provided assistance for construction of rural sanitation latrines at the rate of Rs. 1200 per latrine upto 1991-92 and Rs. 1500 afterwards	..	No.	12988	1575	10000	10000	375000	50000

1	2	3	4	5	6	7	8	9
<b>11. Rural housing :</b>								
Construction of two room tenements per houseless person at the rate of Rs. 6000/-								
Per houseless Person upto 1991-92 and Rs.10,000 afterward	..	No.	1209	221	333	333	1500	23.5
<b>12. Land reforms :</b>								
(a) Cadestral Survey :								
Khasra Numbers surveyed								
(i) Kangra Div.	..	No.	880458	93129	65500	65500	360240	7204.8
(ii) Shimla Div.	..	No.	378216	103505	133010	133010	546000	109200
(b) Forest Settlement operation								
..	..	Hect	45036-99-44	7617-65-39	4511-00-00	4511-00-00	22555-00-00	4511-00-00
<b>13. Co-operation :</b>								
1. Short terms loans advanced	Rs. in crore		4.56	5.50	11.00	11.00	14.00	11.50
2. Medium terms loans advanced	..	-do-	12.19	12.30	16.00	16.00	20.00	18.00
3. Long terms Loans advanced	..	-oo-	4.47	2.00	5.00	5.00	6.00	5.25
4. Agriculture Produce Marketed	..	-do-	35.76	18.00	20.00	20.00	40.00	25.00
5. Retail Sale of fertilizer (value)	..	-do-	12.01	16.00	17.00	17.00	20.00	18.00
6. Capacity of Co-operative Storage	..	M.T.	200	203	205	205	210	206
7. Processing units :								
(i) Organised	..	No.	12	12	12	12	14	14
(ii) Installed	..	No.	12	12	12	12	14	13
(iii) Cold Storage to be organised	..	No.	—	—	1	1	1	1
8. Consumers Goods :								
(i) In Urban Area	..	Rs. crore	6.99	10.00	10.00	10.00	20.00	10.00
(ii) In Rural Area	..	-do-	64.11	70.00	50.00	50.00	100.00	85.00
<b>14. Panchayats :</b>								
1. Loan for creation of remunerative assets	..	Nos.	22	5	27	20	154	20
2. G. I. A. for the Const. of Panchayat Samities/ Zila parishad Bhawans	..	Nos.	19	6	10	10	77	11
3. Grant to Panchayats for discharge of Municipal functions	..	Nos.	81	33	50	50	200	30
4. Other-Scheme-Repair of Panchayat Ghar	..	Nos.	158	4	10	10	75	11
5. Construction of office buildings of District offices and Augmentation of Panchayat Training Institutes	..	Nos.	—	—	—	—	2	1
<b>15. Irrigation and Flood Control :</b>								
(a) Major & Medium Irrigation								
..	..	Hect.	1750	250	210	210	2640	250
(b) Minor Irrigation :								
(i) C. C. A. Created :								
(a) I. P. H. Department under State Scheme								
..	..	Hect.	3686	250	300	300	20000	2800



1	2	3	4	5	6	7	8	9
<b>(b) USAID</b>								
<b>(i) I. &amp; P. H. Department under USAID</b>								
Schemes ..	Hect.	6885.79	2101	2500	2500	2500	2500	2500
<b>(ii) Rural Development ..</b>	<b>Hect.</b>	<b>1853.71</b>	<b>1595</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>
<b>(iii) Agriculture ..</b>	<b>Hect.</b>	<b>1241.04</b>	<b>1090</b>	<b>1750</b>	<b>1750</b>	<b>1750</b>	<b>1750</b>	<b>1750</b>
<b>Total—C. C. A. created</b>		<b>13666.54</b>	<b>5,036</b>	<b>4,800</b>	<b>4,800</b>	<b>24,500</b>	<b>7300</b>	
<b>2.. Chalk Development</b>								
<b>(a) Under USAID :</b>								
<b>(i) I&amp;PH ..</b>	<b>Hect.</b>	<b>8761.14</b>	<b>5386</b>	<b>6000</b>	<b>6000</b>	<b>6000</b>	<b>6000</b>	<b>6000</b>
<b>(ii) Agriculture ..</b>	<b>Hect.</b>	<b>1241.04</b>	<b>1090</b>	<b>1750</b>	<b>1705</b>	<b>1750</b>	<b>1750</b>	<b>1750</b>
<b>Total—C.D. ..</b>		<b>10002.18</b>	<b>6476</b>	<b>7750</b>	<b>7750</b>	<b>7750</b>	<b>7750</b>	<b>7750</b>
<b>3. Command Area Development</b>								
<b>(a) Field Channal Development ..</b>	<b>Hect.</b>	<b>5446</b>	<b>900</b>	<b>1300</b>	<b>1300</b>	<b>2938</b>	<b>1250</b>	
<b>(b) Warabandi ..</b>	<b>Hect.</b>	<b>2846</b>	<b>1000</b>	<b>1300</b>	<b>1300</b>	<b>6473</b>	<b>2050</b>	
<b>4. Flood Control Work (Area provided with Protection)</b>								
..	Hect.	893	242	250	250	2500	500	
<b>16. Roads and Bridges :</b>								
<b>(i) Motorable roads ..</b>	<b>Km.</b>	<b>1867</b>	<b>407</b>	<b>300</b>	<b>300</b>	<b>1750</b>	<b>315</b>	
<b>(ii) Jeepable roads ..</b>	<b>Km.</b>	<b>147</b>	<b>25</b>	<b>30</b>	<b>30</b>	<b>170</b>	<b>30</b>	
<b>(iii) Cross drainage ..</b>	<b>Km.</b>	<b>851</b>	<b>150</b>	<b>125</b>	<b>125</b>	<b>750</b>	<b>130</b>	
<b>(iv) Metalling and Tarring ..</b>	<b>Km.</b>	<b>954</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>900</b>	<b>160</b>	
<b>(v) Bridges ..</b>	<b>No.</b>	<b>144</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>160</b>	<b>30</b>	
<b>(vi) Villages ..</b>	<b>No.</b>	<b>333</b>	<b>40</b>	<b>25</b>	<b>25</b>	<b>190</b>	<b>25</b>	
<b>(vii) Cable Ways ..</b>	<b>Km.</b>	<b>12</b>	<b>—</b>	<b>5</b>	<b>5</b>	<b>50</b>	<b>5</b>	
<b>17. Industries :</b>								
<b>Village and Small Industries :</b>								
<b>1. Small Scale Industries :</b>								
<b>(a) Units functioning ..</b>	<b>S.S.I.</b>	<b>7068</b>	<b>909</b>	<b>1500</b>	<b>1000</b>	<b>8000</b>	<b>1500</b>	
..	<b>Nos.</b>							
<b>(b) Artisans ..</b>	<b>Nos.</b>	<b>25602</b>	<b>2872</b>	<b>6000</b>	<b>3000</b>	<b>25000</b>	<b>5000</b>	
<b>(c) Persons employed ..</b>	<b>No.</b>	<b>48160</b>	<b>5875</b>	<b>13500</b>	<b>8000</b>	<b>66000</b>	<b>12500</b>	
<b>2. Industrial Area Estate :</b>								
<b>(a) Estates/Area Functioning ..</b>	<b>Nos.</b>	<b>6</b>	<b>—</b>	<b>2</b>	<b>2</b>	<b>15</b>	<b>4</b>	
<b>(b) Number of units ..</b>	<b>Nos.</b>	<b>273</b>	<b>45</b>	<b>60</b>	<b>40</b>	<b>1500</b>	<b>200</b>	
<b>(c) Employment ..</b>	<b>Persons</b>	<b>1537</b>	<b>1500</b>	<b>300</b>	<b>200</b>	<b>10000</b>	<b>1500</b>	
<b>3. Handloom Industries :</b>								
<b>(a) Production ..</b>	<b>Lakh</b>	<b>8.73</b>	<b>0.28</b>	<b>2.10</b>	<b>0.38</b>	<b>10.00</b>	<b>1.50</b>	
..	<b>Mtrs.</b>							
<b>(b) Employment ..</b>	<b>Persons</b>	<b>1566</b>	<b>345</b>	<b>75</b>	<b>75</b>	<b>500</b>	<b>50</b>	
..							<b>(Additional)</b>	
<b>4. Power loom Industries :</b>								
<b>(a) Production ..</b>	<b>Lakh</b>	<b>1998.64</b>	<b>145.00</b>	<b>100.00</b>	<b>100.00</b>	<b>3000.00</b>	<b>250.00</b>	
..	<b>mtrs.</b>							
<b>(b) Employment ..</b>	<b>Persons</b>	<b>1179</b>	<b>275</b>	<b>100</b>	<b>100</b>	<b>500</b>	<b>350</b>	

1	2	3	4	5	6	7	8	9
<b>5. Handi Crafts Industries :</b>								
(a) Production (Value)	..	Lakh Rs.	86.96	19.62	32.00	20.00	100.00	25.00
(b) Employment	..	Persons No.	897	250	400	250	2000	250
<b>6. Sericulture Industries :</b>								
(a) Production of Raw Silk		In Kg.	29371	5450	16000	6000	35000	7000
(b) Employment	..	Lakh Man days	16.60	9.94	10.00	5.50	35.00	66.00
<b>7. Khadi and Village Industries :</b>								
<b>(A) WITHIN THE PERVIEW OF</b>								
K. V. I. C. :								
(a) Production (Value)	..	Lakh Rs.	3802.63	3318.68	750.00	1750.00	6000.00	2000.00
<b>(b) Employment :</b>								
(i) Full Time	..	Persons	80647	18566	10000	10000	50000	15000
(ii) Part-Time	..	Persons	83795	25195	10000	10000	50000	15000
<b>(B) OUTSIDE THE PERVIEW OF</b>								
K. V. I. C. :								
(a) Production (Value)	..	Lakh Rs.	108.95	11.84	30.00	15.00	175.00	18.00
<b>(b) Employment</b>								
(i) Full-Time	..	Persons	347	76	250	100	2000	1500
(ii) Part-Time	..	Persons	—	2446	1500	1500	1000	100
<b>8. District Industries centre</b>								
	..	Nos.						
(a) Unit assisted :		Nos.	8018	909	1500	1000	8000	1500
(b) No. of Artisans assisted		Nos	41621	2875	6000	3000	25000	5000
(c) Financial assistance rendered	..	Lakh Rs.	8506.94	1910.00	2000.00	1500.00	25000.00	2500.00
<b>18. Tourism :</b>								
(i) International tourist Arrivals	..	No.	48143	19419	20778	20778	127855	22233
			(from 1987 to 1989)					
(ii) Domestic tourist arrivals	..	"	1831594	987338	1036304	1036304	5984871	1088540
			(from 1987 to 89)					
(iii) Accommodation available Beds	..	"	1300	350	300	300	1500	350
<b>19. CIVIL AVIATION</b>								
1. Aerodroms	..	No.	2*	2*	—	—	2*	2*
2. Airstrips	..	No.	—	—	—	—	3	1
3. Helipads	..	No.	7	1	1	1	6	2
<b>20. Civil Supplies :</b>								
<b>1. Construction of Godowns other than tribal areas</b>								
	..	Nos.	70	1	1	1	24	3

* Air Port at Shimla and Kangra partially completed.

1	2	3	4	5	6	7	8	9
<b>21l. Education :</b>								
1. Elementary education age group (6—11) :								
(i) Enrolment (All) :								
(a) Boys	..	000'	378.6	386.6	395.6	395.6	435.6	403.6
(b) Girls	..	000	318.9	328.9	339.9	339.9	389.9	349.9
Total	..	"	697.5	715.5	735.5	735.5	825.5	753.5
(ii) Enrolment Ratio								
(a) Boys	..		109	109	109	109	109	109
(b) Girls	..	"	94	95	96	96	98	96
Total	..	"	102	103	103	103	104	103
<b>Scheduled Castes :</b>								
(i) Enrolment :								
(a) Boys	..	000	97.7	100.7	104.7	104.7	119.7	107.7
(b) Girls	..	000	81.5	85.5	90.5	90.5	110.5	94.5
Total	..		179.2	186.2	195.2	195.2	230.2	202.2
(ii) Enrolment Ratio								
(a) Boys	..		113	114	115	115	120	117
(b) Girls	..		98	101	104	104	114	106
Total	..		—	108	110	110	117	112
<b>Scheduled Tribes :</b>								
(i) Enrolment :								
(a) Boys	..	000	17.1	17.9	18.9	18.9	22.9	19.7
(b) Girls	..	000	12.1	12.9	13.9	13.9	17.9	14.7
Total	..		29.2	30.8	32.8	32.8	40.8	34.4
(ii) Enrolment Ratio :								
(a) Boys	..		99	110	113	113	114	116
(b) Girls	..	" ..	80	81	84	84	97	85
Total	..		94	95	99	99	111	102
<b>Middle Classes VI—VIII :</b>								
(i) Enrolment (All) :								
(a) Boys	..	'000	203	213	221	221	249	229
(b) Girls	..	000	150	165	175	175	213	185
Total	..		353	378	396	396	462	414
(ii) Enrolment ratio :								
(a) Boys	..	"	101	104	105	105	107	107
(b) Girls	..	"	77	83	86	86	93	88
Total	..	"	89	93	95	95	100	98

1	2	3	4	5	6	7	8	9
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SCHEDULED CASTES :

(i) Enrolment :	..							
(a) Boys	..	'000	43.7	48	50	50	57	52
(b) Girls	..	000	30.6	35	37	37	47	40
Total	..		74.3	83	87	87	104	92
(ii) Enrolment Ratio :								
(a) Boys	..		88	94	96	96	99	98
(b) Girls	..		64	72	75	75	81	78
Total	..		76	83	86	86	92	88

SCHEDULED TRIBES :

(i) Enrolment :								
(a) Boys	..	'000	7.6	9	9.6	9.6	11.2	10
(b) Girls	..	000	4.0	5	5.4	5.4	7.5	5.9
Total	..		11.6	14	15.0	15.0	18.7	15.9
(ii) Enrolment Ratio ;								
(a) Boys	..		82	96	100	100	106	102
(b) Girls	..		44	53	63	53	71	61
Total	..		63	75	79	79	89	82

2. SECONDARY CLASSES (IX-X) :

(i) Enrolment (All) :								
(a) Boys	..	'000	77.8	87	93	93	123	99
(b) Girls	..	000	45.9	60	69	69	114	78
Total	..		123.7	147	162	162	237	177
(ii) Enrolment Ratio :								
(a) Boys	..		64	70	75	75	87	76
(b) Girls	..		38	52	55	55	82	61
Total	..		52	60	64	64	85	69

SCHEDULED CASTE :

(i) Enrolment :								
(a) Boys	..	'000	13	15	16.5	16.5	25	18
(b) Girls	..	000	6	10	12.5	12.5	25	15
Total	..		19	25	29.0	29.0	50	33
(ii) Enrolment Ratio :								
(a) Boys	..		43	49	52	52	72	76
(b) Girls	..		21	33	41	41	74	48
Total	..		32	44	47	47	73	52

1	2	3	4	5	6	7	8	9
<b>SCHEDULED TRIBES :</b>								
<b>((i) Enrolment :</b>								
(a) Boys	..	'000	2.8	3.3	3.6	3.6	5.1	3.9
(b) Girls	..	'000	1.2	1.7	2.1	2.1	4.4	2.5
Total	..		4.0	5.0	5.7	5.7	9.5	6.4
<b>((ii) Enrolment Ratio :</b>								
(a) Boys	..	"	50	58	62	62	78	66
(b) Girls	..	"	22	30	37	37	69	42
Total	..	"	36	44	49	49	74	54
<b>SECONDARY CLASSES (XI-XII) :</b>								
<b>((i) Enrolment :</b>								
(a) Boys	..	'000	29.8	33	36	36	51	39
(b) Girls	..	000	13.2	17	20	20	35	23
Total	..		43.0	50	56	56	86	62
<b>((ii) Enrolment Ratio :</b>								
(a) Boys	..	"	30	32	34	34	44	37
(b) Girls	..	"	13	16	20	20	30	21
Total	..		21	24	27	27	37	29
<b>SCHEDULED CASTE :</b>								
<b>(i) Enrolment :</b>								
(a) Boys	..	'000	4	5	5.8	5.8	9.8	6.6
(b) Girls	..	'000	2	3	3.7	3.7	7.2	4.4
Total	..		6	8	9.5	9.5	17.0	11.0
<b>(ii) Enrolment Ratio :</b>								
(a) Boys	..	"	16	19	22	22	34	25
(b) Girls	..	"	8	11	14	14	25	17
Total	..		12	15	18	18	30	21
<b>SCHEDULED TRIBE :</b>								
<b>(i) Enrolment :</b>								
(a) Boys	..	'000	.9	1	1.2	1.2	2.2	1.4
(b) Girls	..	'000	.25	.35	.45	.45	.95	.55
Total	..		1.15	1.35	1.65	1.65	3.15	1.95
<b>(ii) Enrolment Ratio:</b>								
(a) Boys	..	"	19	21	25	25	42	29
(b) Girls	..	"	5	7	9	9	17	11
Total	..		12	14	17	17	29	20

1	2	3	4	5	6	7	8	9
<i>(iii)</i> Enrolment in vocational courses :								
(1) Post High School Stage :								
(a) Boys	}	..	No.	—	—	—	—	—
(b) Girls :								
<i>(iv)</i> Enrolment of Non-formal class age-group 11—14 (3 Years) :								
(a) Boys	..	No.	—	—	—	—	—	—
(b) Girls :								
3. ADULT EDUCATION:								
<i>(i)</i> No. of participants (15—35 Years)		'000	178.62	43.60		Not yet fixed	Not Prop.	Not Prop.
<i>(ii)</i> No of centres:								
(a) Under Central Sector ..	Nos.		1200	1200	}	Not yet fixed	}	Not Proposed
(b) Under State Sector ..	Nos.		1100	1100				
	"	(cumulative)	(cumulative)					
(c) Voluntary Agencies..			3	3				
(V) MIDDLE SCHOOLS:								
1. Opening of middle schools	Nos.		292	—	—	—	125	25
2. Teachers in new middle schools			1752	—	—	—	750	150
3. Additional teachers	(a) Reg.	"	85	—	—	—	—	—
	(b) VOL.	"	—	—	409	409	—	—
4. INCENTIVE (BENEFICIARIES):								
(CLASSES VI TO VIII):								
(a) Scholarship to SC girls	Nos.		48,600	9,800	9,800	9,800	—	—
(b) Antyodya Scholarships	Nos.		—	—	17,300	17,300	—	—
VI. SECONDARY SCHOOLS:								
1. Opening of high schools	Nos.		292	—	—	—	50	10
2. Sr. Secondary schools	Nos.		150	—	—	—	25	5
TEACHERS IN SECONDARY SCHOOLS:								
(a) Teachers in new Higher Sr. Schools	..	Nos.	168	—	—	—	200	40
(b) Additional teachers in High Schools	(a) Reg.	"	96	—	—	—	—	—
	(b) VOL.	"	—	—	1,557	1,557	—	—
(c) Teachers in Sr. Secondary Schools (New)	..	Nos.	1,343	—	—	—	275	55
(d) Additional Teachers in Sr. Secondary Schools	(a) Reg.	"	205	—	—	—	—	—
	(b) Vol.	"	—	—	100	100	—	—
VII. INCENTIVE (CLASS IX-X):								
SCHOLARSHIPS:								
(a) SC Girls	..	Nos.	10,100	2,000	2,000	2,000	10,000	2,000
(b) Antyodaya	..	Nos.	—	—	5,300	5,300	26,500	5,300

1	2	3	4	5	6	7	8	9
VIII. FREE HOSTELS ..	Nos.	5	—	—	—	—	—	—
IX. OPENING OF COLLEGES	Nos.	4	—	—	—	—	—	—
X. STARTING OF EVENING CLASSES	Nos.	3	—	—	—	—	4	1
XI. SPORTS HOSTELS ..	Nos.	5	—	—	—	—	—	—
XII. ADD STAFF FOR COLLEGES								
(a) Teachers		11	—	32	32	—	—	—
(b) Non-Tech.		4	—	—	—	—	—	—
22. HEALTH AND FAMILY WELFARE:								
(1) Opening of Sub-Centres	Nos.	562	—	—	—	—	149	30
(2) Opening of Primary Health Centres/Subsidiary Health Centres	Nos.	79	—	—	—	—	15	3
(3) Opening of community Health Centres ..	Nos.	7	—	—	—	—	5	1
(4) E.S.I. Dispensaries ..	Nos.	—	—	—	—	—	—	—
5. MEDICAL EDUCATIONS :								
Strengthening of Medical College:								
Admission:								
1. M.B.B.S. Course ..	Nos.	325	65	65	65	325	65	65
2. Post Graduate Degree/ diploma	..	62	36	42	38	210	42	42
3. Internship training ..	..	351	70	65	65	300	60	60
4. House Job ..	..	290	60	66	66	300	60	60
6. AYURVEDA ..								
1. Ayurvedic Hospital ..	No.	12	—	—	—	—	2	—
2. Ayurvedic Dispensaries	-do-	522	—	—	—	—	—	—
3. Ayurvedic Rural Health Centres ..	-do-	—	—	—	—	—	25	5
4. Unani Dispensaries ..	-do-	3	—	—	—	—	—	—
5. Homoeopathic rural Health Centres ..	Nos.	2	—	—	—	—	10	2
6. Nature—Cure unit ..	Nos.	1	—	—	—	—	—	—
7. Panchkkarma unit ..	No.	2	—	—	—	—	—	—
8. Beds ..	Nos.	534	—	—	—	—	30	—
9. Training refresher courses Forensic service technical staff in and out side H.P. ..	Nos.	—	—	—	—	—	300	30
10. Ayurvedic library/Journal Department ..	Nos.	—	1	2	2	—	—	—
23. SEWERAGE AND WATER SUPPLY:								
II. URBAN WATER SUPPLY:								
(i) Town covered ..	Nos.	—	—	—	—	—	14	—
(ii) Population covered ..	Lakh	—	—	—	—	—	1.31	—
III. RURAL WATER SUPPLY:								
State Sector:								
(i) Village covered ..	No.	1,141	210	214	214	365	365	365
(ii) Population covered ..	Lakh	1.70	0.29	0.21	0.21	1.10	0.16	0.16
Centre Sector:								
(i) Village covered ..	No.	1,480	140	140	140	483	483	483
(ii) Population covered ..	Lakh	2.14	0.26	0.14	0.14	1.02	0.72	0.72

1	2	3	4	5	6	7	8	9
<b>III. SEWERAGE:</b>								
1. Towns covered:	Nos.	1	—	—	—	—	7	—
2. Population covered	Lakh	0.03	—	—	—	—	0.43	—
<b>24. HOUSING</b>								
(1) Subsidy for the development of House-sites for landless workers in rural area	Plots	—	—	200	200	—	—	—
(2) -do- for urban area	Plots	363	80	6	6	280	210	—
(3) Loans under LIGH Scheme House	..	792	240	140	140	800	1835	—
(4) Loans under MIGH Scheme	..	332	80	80	80	360	1413	—
(5) Grant of loan to EWS	..	380	30	50	50	330	655	—
(6) Pooled Non-residential building	Nos.	121	22	18	18	130	22	—
(7) Pooled Government housing	Nos.	478	89	68	68	1,500	235	—
<b>25. URBAN DEVELOPMENT</b>								
(1) Environmental improvement of slums (MNP) dwellers	Nos.	39,706	13,546	9,145	9,145	70,800	10,475	—
<b>26. LABOUR AND LABOUR WELFARE:</b>								
1. Regional Employment Exchanges	No. (cumulative)	3	—	—	—	—	—	—
2. Sub-Offices Employment Exchanges	No.	40	—	—	—	5	1	—
3. Labour Zonal Offices	No.	4	—	—	—	1	1	—
4. District Employment Exchange	No.	9	—	—	—	—	—	—
5. E.M.I. Unit	No.	13	—	—	—	2	—	—
6. Labour Circle Offices	No.	25	—	—	—	2	1	—
7. Const. of Labour colony	No.	—	—	—	—	1	—	—
8. Special Employment Exchange	No.	3	—	—	—	—	—	—
9. U.E.I.G.V.	No.	—	—	—	—	1	—	—
10. Enforcement-cum-Vig. Cell	No.	—	—	—	—	1	1	—
11. Women Cell	No.	—	—	—	—	1	1	—
12. Setting-up Labour Welfare Centre	Nos.	1	—	—	—	1	1	—
13. Factory Offices	No.	2	—	—	—	—	—	—
14. Inspectorate of steam Boiler	No.	—	—	—	—	1	1	—
15. V.G. Units	No.	4	—	—	—	—	—	—
<b>27. WELFARE OF SCS/STS/OBCS</b>								
<b>(i) WELFARE OF SCHEDULED CASTES:</b>								
1. Economic betterment to S/C	No. of persons	2,163	2,367	840	840	6,400	1,000	—
2. Award for inter-caste marriages	No. of couples	136	88	66	66	175	80	—
3. Environmental improvement of Harijan Bastis	No. of bastis	92	49	74	74	7,000	950	—
4. Matching grant for CSS:								
(i) Girls Hostels	No.	1	—	1	1	1	1	—
(ii) Scholarship to the Children of those who engaged								



1	2	3	4	5	6	7	8	9
	in unclean occupations ..	No. of childrens	—	42	25	25	240	20
5.	Pre-examination coaching centres ..	No. of Centres	1	1	1	1	1	1
6.	Technical Scholarships ..	No. of students	930	689	434	434	1,150	500
7.	Proficiency in typing of shorthand ..	No. of trainees	47	41	33	33	360	300
8.	D.W.S.S. ..	No. of Scheme	47	93	80	80	6,500	800
9.	Housing subsidy ..	No. of beneficiaries.	1,796	1,132	1,020	1,020	7,000	940
10.	C/o houses for vulanerable groupes	No. of houses	139	94	138	138	800	130
<b>II. Welfare of ST</b>								
11.	Tech. Scholarships ..	No. of students	268	331	200	200	2,300	286
22.	Economic betterment of ST Trainees ..	No. of trainees	1,326	133	260	260	2,000	300
3.	Housing subsidy ..	No. of beneficiaries.	1,399	608	400	400	3,000	440
44.	Ashram Schools	No. of Ashram	—	—	—	—	2	2
5.	Gujjar School at Sahu, Indora and Bharanu	No of School	—	—	—	—	3	3
66.	Tribal Advisory Council	No. of council	1	1	1	1	1	1
<b>III. Welfare of OBC'S</b>								
11.	Technical scholarships ..	No. of students	401	369	367	367	3,300	500
<b>IV. S/C Dev. Corporation :</b>								
		No. of Corporation	1	1	1	1	1	1
<b>28. SOCIAL WELFARE:</b>								
<b>11. Welfare of handicapped:</b>								
11.	Stipend to handicapped	No. of persons	593	357	291	291	1,600	500
22.	Aid for purchase of artificial Limbs ..	No. of persons	104	42	168	168	1,200	250
3.	Marriage Grant to handicapped	No. of persons	130	71	11	11	600	30
<b>4. Matching Grant for CSS</b>								
(ii)	Home for deaf and dumb	No. of home	1	—	—	—	1	1
(iii)	Home for physically handicapped	No. of house	1	—	—	—	1	1
(iii)	Petrol subsidy ..	N. of persons	1	—	5	5	50	8
5.	Rehabilitation allowance to lepers	No. of lepers	1,395	2,705	1,667	1,667	13,600	1,950
6.	After care vocational centres	No. of centre	1	3	1	1	1	1
<b>II. Child Welfare:</b>								
1.	Foster care service	No. of Children	—	3	36	36	100	10
2.	Rehabilitation of inmates of Bal/Balika Ashrams	No. of inmates	32	3	18	18	100	5
3.	Hostel at Mehla	No. of hostel	1	1	1	1	1	1
4.	Home for children in need of care and protections ..	-do-	2	1	2	2	2	2
5.	Balwaries ..	No. of Balwaries	191	191	191	191	191	191

1	2	3	4	5	6	7	8	9
<b>III. Women Welfare:</b>								
1.	Women Welfare Corporation	No. of Corp.	1	1	1	1	1	1
2.	Awareness campaign	No. of campaign	—	11	10	10	50	10
3.	State home	No. of home	1	—	1	1	1	1
4.	Vocational training to women in distress	No. of women	2	—	10	10	50	10
<b>IV. Welfare of Distitute:</b>								
1.	Marriage grant for destitute Girls/Women	No. of women	303	110	190	190	1,000	160
2.	Financial assistance to destitute/Girls/Women	No. of beneficiaries,	—	139	132	132	662	165
3.	Aged Homes	No. of homes	2	—	—	—	2	2
<b>VI. Other:</b>								
(i)	Grant to legal aid board	No. of board	—	—	1	1	1	1
(ii)	Grant to other volunteer organisations	No. of agencies.	22	5	2	2	50	5
(iii)	Special nutrition programmes	No. of beneficiaries	93,508	—	—	—	5,00,000	1,00,000
(iv)	Pension	No. of pensioners.	—	16,558	21,335	21,335	50,000	25,000
<b>20. HIPA :</b>								
1.	Professional courses for I.A.S., probationers	No.	6	1	1	1	5	1
2.	Professional courses for H.A.S. probationers	No.	8	1	1	1	5	1
3.	Course for Gazetted Officers	No.	84	11	20	20	112	23
4.	Courses for Non-Gazetted Officers	No.	73	13	10	10	52	10
5.	Course for H.P. Sectt. staff and Directorate staff stationed at Shimla	No.	53	13	12	12	60	12
6.	Courses conducted at D.T.C's.	No.	436	114	100	80	500	100
7.	Seminars/Workshops	No.	18	5	3	3	23	3
8.	S.A.S. part I & II	No.	2	1	2	1	10	2
9.	G.O.I. sponsored programme	No.	84	10	16	8	25	5
10.	I.R.D.P. courses conducted at HIPA	No.	48	13	10	10	70	12
11.	IRDP courses conducted by D.T.C.'s.	No.	166	44	70	50	365	70
12.	Pre-examination coaching	No.	42	6	7	7	40	8

**OUTLAY AND EXPENDITURE UNDER MINIMUM NEEDS PROGRAMME—DRAFT EIGHTH FIVE  
YEAR PLAN (1992—97) AND ANNUAL PLAN (1992-93)**

(Rs. in lakh)

Sl. No.	Major Head/Minor Head of Development	Seventh Plan Actual Expenditure 1985-90	Annual Plan 1990-91 Actual Expenditure	Annual Plan 1991-92		Proposed Outlay	
				Approved outlay	*Anticipated Expenditure	Eighth Plan 1992—97	Annual Plan 1992-93
1	2	3	4	5	6	7	8
1.	Rural Electrification	.. 257.25	9.35	—	—	—	—
2..	Rural Fuel Wood Plantation	.. 563.05	53.79	115.00	140.00	1100.00	140.00
3..	Rural Roads	.. 5563.93	1165.84	1300.00	1300.00	9150.00	1465.00
4..	Elementary Education	.. 3376.58	1287.34	1333.00	2000.00	13351.12	2016.48
5..	Adult Education	.. 77.86	43.55	38.00	50.00	100.00	15.00
6.	Rural Health	.. 1510.57	562.45	600.00	775.00	5165.00	914.00
7..	Rural Water Supply	.. 8085.54	3450.34	3055.00	3055.00	24036.00	4265.00
8.	Rural Sanitation	.. 177.36	20.00	25.00	72.00	5685.00	725.00
9..	Rural House Site--cum-Construction Scheme	.. 77.48	10.00	20.00	20.00	175.00	35.00
10..	Environmental Improvement of Slums..	102.00	40.00	48.00	48.00	315.00	63.00
11.	Nutrition Including ICDS	.. 603.50	225.00	225.00	225.00	1300.00	260.00
12.	Public Distribution System	.. 265.32	534.16	364.00	364.00	4667.00	893.00
<b>Total—M.N.P.</b>		.. 20660.44	7401.82	7123.00	8049.00	65044.12	10791.48

Note : Anticipated expenditure includes expenditure against central share also.

## PHYSICAL TARGET AND ACHIEVEMENT EIGHTH PLAN (1992—97) AND ANNUAL PLAN—(1992—93)

## UNDER MINIMUM NEEDS PROGRAMMES

Sl. No.	Head/Programme/ Scheme	Unit	Seventh Plan	Annual	Annual Plan 1991-92		Proposed Target	
			1985—90 Actual Achievements	Plan 1990-91 Actual Achievements	Targets	Achievement	Eighth Plan (1992—97)	Annual Plan (1992—93)
1	2	3	4	5	6	7	8	9
1.	RURAL ELECTRIFICATION : VILLAGES ELECTRIFIED	..No.	2302	100% electrification achieved by ending 3/88. Only intensive Electrification works like release of service connections and improvement in voltage system etc. to be carried out.				
2.	RURAL FUEL WOOD : PLANTATION	..Hect.	15218	1981	2200	2200	16100	2200
3.	RURAL ROADS :							
	(i) Motorable roads	..Kms.	1107	1339	1519	1519	1000	190
	(ii) Jeepable	..Km.	111	128	148	148	115	20
	(iii) Cross drainage	..Km.	465	551	626	626	450	80
	(iv) Metalling & Tarring	..Km.	561	651	741	741	550	95
	(v) Bridges	..No.	81	98	118	118	100	20
	(vi) Villages	..No.	186	210	225	225	115	20
4.	ELEMENTARY EDUCATION :		684	100	—	—	750	150
	1. Opening of Primary Schools	..No.						
	2. Opening of Middle Schools	..No.	299	—	—	—	125	25
	Enrolment (I to V)							
	Boys	..000	378.6	386.6	395.6	—	435.6	403.6
	Girls	..000	318.9	328.9	339.9	—	389.9	349.9
	<b>Total</b>	..	<b>697.5</b>	<b>715.5</b>	<b>735.5</b>	<b>—</b>	<b>825.5</b>	<b>753.5</b>
	Enrolment Ratio	..	109	109	109	—	109	109
	Boys	..	94	95	96	—	98	96
	Girls	..						
	<b>Total</b>	..	<b>102</b>	<b>103</b>	<b>103</b>	<b>—</b>	<b>104</b>	<b>103</b>
	Scheduled Castes :							
	Boys	..000	97.7	100.7	104.7	—	119.7	107.7
	Girls	..000	81.5	85.5	90.5	—	110.5	94.5
	<b>Total</b>	..000	<b>79.2</b>	<b>186.2</b>	<b>195.2</b>	<b>—</b>	<b>230.2</b>	<b>202.2</b>

1	2	3	4	5	6	7	8	9
Enrolment Ratio :								
	Boys	..	113	114	115	—	120	117
	Girls	..	98	101	104	—	114	106
	Total	..	106	108	110	—	117	112
Scheduled Tribes :								
	Boys	.. 000	17.1	17.9	18.9	—	22.9	19.7
	Girls	.. 000	12.1	12.9	13.9	—	17.9	14.7
	Total	..	29.2	30.8	32.8	—	40.8	34.4
Enrolment Ratio :								
	Boys	..	99	110	113	—	124	116
	Girls	..	80	81	84	—	97	85
	Total	..	94	95	99	—	111	102
II. Middle Classes (VI—VIII)								
A. Enrolment (All) :								
	(a) Boys	.. 000	203	213	221	221	249	229
	(b) Girls	.. 000	150	165	175	175	213	185
	Total	..	353	378	396	396	462	414
(i) Enrolment Ratio :								
	(a) Boys	..	101	104	105	105	107	107
	(b) Girls	..	77	83	86	86	93	88
	Total	..	89	93	95	95	100	98
B. Scheduled Castes :								
I. Enrolment :								
	(a) Boys	.. 000	43.7	48	50	50	57	52
	(b) Girls	.. 000	30.6	35	37	37	47	40
	Total	..	74.3	83	87	87	104	92
II. Enrolment Ratio :								
	(a) Boys	..	88	94	96	96	99	98
	(b) Girls	..	64	72	75	75	81	78
	Total	..	76	83	86	86	92	88

1	2	3	4	5	6	7	8	9
<b>C. Scheduled Tribes :</b>								
<b>I. Enrolment :</b>								
	(a) Boys	.. 000	7.6	9	9.6	9.6	11.2	10.0
	(b) Girls	.. 000	4.0	5	5.4	5.4	7.5	5.9
	<b>Total</b>	..	11.6	14	15.0	15.0	18.7	15.9
<b>II. Enrolment Ratio</b>								
	(a) Boys	..	82	96	100	100	106	102
	(b) Girls	..	44	53	53	53	71	61
	<b>Total</b>	..	63	75	77	77	89	82
<b>III. Adult Education :</b>								
	(a) No. of Participants (15—35 yrs.)	.. 000	178.62 (cumulative)	43.60			—	—
	(b) Centres under Central Sector	.. Nos.	1200	1200		Not Yet Fixed	Not proposed	
	(c) Centres under scale Sectors	.. Nos.	1100	1100				
<b>6. RURAL HEALTH :</b>								
Opening of:								
	(a) Sub-Centres	.. No.	562	—	—	—	30	5
	(b) PHCs	.. No.	79	—	—	—	15	3
	(c) Community Health Centre	.. No.	7	—	—	—	5	1
<b>7. Rural Water Supply :</b>								
	(a) State Sector Villages covered	.. No.	1,141	210	214	214	365	365
	(b) Central Sector Villages covered	.. No.	1480	140	140	140	483	483
<b>8. RURAL SANITATION</b>								
		.. No.	12,988 (cumulative)	1,575	—	10,000	3,75,000	50,000
<b>9. RURAL HOUSE SITES-cum-CONSTRUCTION SCHEMES ALLOTMENT OF SITES</b>								
		.. No.families	1209 (cumulative)	221	333	333	2,567	417
<b>10. ENVIRONMENTAL IMPROVEMENT OF SLUMS</b>								
		..No. of Slums dwellers	39,706	13,546	9,145	9,145	70,800	10,475
<b>11. NUTRITION :</b>								
	(a) Beneficiaries under Special Nutrition Programme in ICDS Children 0—6 years	.. 000	482.09	114.43	160.00	160.00	990.00	198.00
<b>12. PUBLIC DISTRIBUTION SYSTEM :</b>								
	(i) Construction of Godown	.. No.	15	1	1	1	24	3

**DRAFT EIGHTH FIVE YEAR PLAN-1992-97 AND ANNUAL PLAN 1992-93**

**CENTRALLY SPONSORED SCHEMES**

GN-VI

(Outlay and Expenditure under Central Sector only)

(Rs. in lakh)

Head of Development/Scheme Programme/Project	Pattern of Sharing	Seventh Five Year Plan (1985-90) Actual Exp.	Annual Plan (1990-91) Actual Exp.	Annual Plan (1991-92)		Proposed Outlay	
				Approved Outlay	Anticipated Exp.	Eighth Plan (1992-97)	Annual Plan (1992-93)
1	2	3	4	5	6	7	8
<b>A ECONOMIC SERVICES :</b>							
<b>1. AGRICULTURE &amp; ALLIED SERVICES :</b>							
<b>1. Agriculture</b>							
(i) Plant Protection	50 : 50	4.77	3.00	6.00	6.00	40.00	8.00
(ii) Development of Sunflower/Pulses	50 : 50	7.16	1.00	4.00	4.00	30.00	5.50
(iii) Timely Reporting Scheme	50 : 50	14.94	3.25	5.00	5.00	35.00	6.00
(iv) Improvement of Crop Statistics	50 : 50	11.01	3.00	3.50	3.50	25.00	4.50
(v) National oil Seed Dev. Project	50 : 50	10.50	3.50	5.50	5.50	40.00	7.00
(vi) Improvement of Rice/Special food/grain Prod./ action Prog.	75 : 25	—	3.00	63.50	63.50	460.00	70.00
(vii) Hybreed maize seed farm special food grains Prod. Programme—Maize and Millets	100%	—	—	140.00	140.00	1000.00	160.00
(viii) Survey of Crop estimation on Veg. and other Minor Crops	100%	1.88	1.72	2.60	2.60	18.00	3.50
(ix) Agriculture Marketing Scheme	100%	—	25.50	25.50	25.50	200.00	35.00
Sub-Total-1	..	50.26	43.97	255.60	255.60	1848.00	299.50
<b>2. HORTICULTURE</b>							
(i) Endemic Area Control/scheme	50 : 50	171.50	31.63	35.00	35.00	271.25	40.25
(ii) Improved technology for quality apple production	50 : 50	30.56	—	—	—	—	—
(iii) Assistance to Small & Marginal farmers	50 : 50	18.06	—	—	—	—	—
(iv) National Agriculture Extention Project-III (Sub-Project Training in Fruit Preservation in Rural Areas)	50 : 50	15.83	2.50	5.00	5.00	5.00	5.00
(v) Control of Pests & Diseases in Citrus & Mango	50 : 50	—	—	—	—	75.00	10.00
(vi) Crop Estimation Survey	100%	0.40	0.80	4.00	4.00	31.00	4.60
Sub—Total—2	..	236.35	34.93	44.00	44.00	382.25	59.85
<b>3. SOIL AND WATER CONSERVATION</b>							
<b>(a) Agriculture :</b>							
(i) National Watershed Programme for Rainfed Agriculture	50 : 50	—	20.00	40.00	40.00	300.00	50.00

	1	2	3	4	5	6	7	8
(ii) River Valley Project in Agril. land		100%	—	30.00	32.00	32.00	230.00	40.0
(iii) Integrated Watershed Management in Catchment of Flood Prone and Giri-Bata Rivers in Indo-Gangetic Basin Pabbar Tons ..		100%	—	10.00	13.00	13.00	950.00	17.00
Sub-Total (3-a) ..			—	60.00	85.00	85.00	1480.00	107.00
<b>(b) Forests :</b>								
(i) River Valley Project(Satluj & Beas Catchment) ..		100%	1010.54	260.16	350.00	350.00	4000.00	410.00
(ii) Integrated Watershed Management in the catchment of Indo-Gangetic Basin (Pabbar Tons & Giri Bata)		100%	675.75	195.19	330.00	330.00	2400.00	360.00
(iii) Central scheme for strengthening of State land use Board		100%	19.88	6.00	10.00	10.00	100.00	15.00
(iv) Soil Water & Tree Conservation in Himalayas (Operation Soil Watch). Now its objectives are to be included in "Waste Land Development from 1990-91".		100%	1127.31	Scheme discontinued				
Sub-Total(3-b) ..			2833.48	461.35	690.00	690.00	6500.00	785.00
<b>4. ANIMAL HUSBANDRY :</b>								
(i) Special Project Cell at Headquarters ..		50 : 50	6.82	1.45	1.68	1.68	13.00	1.92
(ii) Education & Training GIA to H.P. Vety. Council ..		50 : 50	1.90	0.50	—	—	3.45	0.55
(iii) Veterinary Services & Animal Health Cont. of Exp. on C.S.S. F and M.D. Surveillanace disease Rinderpest & Animal disease, National Importance Scheme ..		50 : 50	11.67	3.74	3.60	3.60	28.00	4.15
(iv) Administration Investigation & statistics : Cont. of Exp. on Sample survey scheme on Animal Products ..		50 : 50	11.41	5.01	5.00	5.00	38.75	5.75
(v) Cattle & Buff. Dev. Assistance for Small & Marginal Farmers for raising cross breed ..		50 : 50	18.35	6.03	5.00	5.00	40.00	6.00
(vi) Poultry Development Cont. of Exp. on Project for Poultry Dev. Self employment in Shimla, Bilaspur and Una Districts for Weaker section ..		50 : 50	18.12	6.79	5.00	5.00	38.80	5.75
(vii) Sheep & Wool Dev.—Sheep Production in Sirmour District ..		50 : 50	1.39	0.38	0.45	0.45	3.50	0.50
(viii) Other Live stock Exp. on Horse Breeding Unit & Subsidy for Production of Mules ..		50 : 50	7.88	1.95	2.15	2.15	16.65	2.45
(ix) Feed & Fodder Dev.—Cont. of Exp. on Fodder Seed, Planting material, Production Fodder, Conservation & Minor works ..			2.39	4.56	0.01	0.01	0.05	0.01
Sub Total—4 ..			79.93	30.41	22.89	22.89	182.20	27.08
<b>5. FISHERIES :</b>								
(i) Personal Accidental Policy Scheme ..		50 : 50	0.21	—	—	—	—	—
(ii) Fishermen welfare ..		50 : 50	—	0.08	0.10	0.10	0.50	0.10
(iii) Assistance to Fish Farmers Dev. Agency (FFDA) ..		50 : 50	1.85	—	—	—	—	—



(iv) Management & Dev. of Pond fisheries	..	50 : 50	—	1.00	1.00	1.00	—	—
Sub Total—5	..		2.06	1.08	1.10	1.10	0.50	0.10
<b>6. FORESTS</b>								
1. Rural Fuel-wood and Fodder Project	..	50 : 50	—	53.91	140.00	140.00	1100.0	140.00
2. Dev. of Infrastructure for Protection of Forests from Biotic Interference.	..	50 : 50	1.89	—	5.00	5.00	40.00	7.00
3. Establishment of Decentralised Peoples Nurseries	..	100%	100.21	22.08	—	—	200.00	40.00
4. Pilot Project of Intergrated Wastelands Development in Sarachli Block of Shimla District.	..	100%	22.00	14.43	31.00	31.00	69.00	35.00
5. Integrated Wasteland and Dev. Project in 8 Watersheds of Himachal Pradesh.	..	100%	—	177.06	750.00	750.00	2250.00	750.00
6. Seed Development	..	100%	—	—	24.90	24.90	100.00	25.00
Sub—Total—6	..		124.10	267.48	950.90	950.90	3759.00	997.00
<b>7. WILD LIFE AND NATURE CONSERVATION :</b>								
1. Intensive Management of Wild Life sanctuaries	..	50 : 50	49.08	43.39	46.40	46.40	370.00	50.00
2. Awareness for Nature and Wild life Conservation among youth.	..	50 : 50	1.50	1.50	—	—	25.00	3.00
3. Captive Breeding and Rehabilitation Programme for Endangered species	..	50 : 50	2.00	1.00	1.00	1.00	20.00	5.00
4. Control of Poaching & illegal Trades	..	50 : 50	1.11	—	1.11	1.11	15.00	2.00
5. Development of great Himalayan National Park Kullu	..	100%	28.73	23.81	26.30	26.30	200.00	30.00
6. Development of Pin Valley National Park	..	100%	19.77	11.49	21.75	21.75	120.00	15.00
Sub-Total—7	..		102.19	81.19	96.56	96.56	750.00	105.00
<b>8. CO-OPERATION:</b>								
(i) Assistance for transport vehicles	..	75:25	40.13	15.19	10.00	10.00	250.00	40.00
(ii) Assistance for storage/const. of godowns	..	80:20	137.39	21.65	30.50	30.50	10.00	2.00
(iii) Installation of Tea Factories	..	80:20	—	—	—	—	600.00	150.00
(iv) Assistance under rural consumer scheme	..	100%	38.85	9.76	22.00	22.00	150.00	30.00
(v) Assistance for Tech. & Promotional cell	..	100%	8.22	8.21	16.00	16.00	50.00	8.00
(vi) Assistance to Fruit Processing co-ops	..	100%	98.27	1.00	1.01	1.01	725.00	200.00
(vii) Subsidy/capital to Marketing. co-ops	..	100%	9.75	—	—	—	100.00	20.00
(viii) M.M.assistance to marketing. co-ops	..	100%	276.50	13.50	50.00	50.00	800.00	150.00
(ix) Assistance to fishermen coops.	..	100%	2.04	—	—	—	10.00	1.00
(x) Assistance for Indl. coops including weavers coops	..	100%	102.96	23.62	30.00	30.00	250.00	50.00
(xi) Assistance under ICDP	..	100%	674.33	179.19	245.00	245.00	2000.00	200.00
(xii) Assistance for Vanaspati Project	..	80:20	—	—	—	—	1862.00	1000.00
Total—8	..		1388.44	272.12	404.51	404.51	6807.00	1851.00

1	2	3	4	5	6	7	8
<b>9. RURAL DEVELOPMENT:</b>							
(i) Integrated Rural Development Programme.	.. 50:50	1190.14	194.75	142.00	142.00	1118.00	180.00
(ii) National Rural Energy Programme (NREP)	.. 50:50	792.64	—	—	—	—	—
(iii) Jawahar Rozgar Yojana (JRY)	.. 80:20	228.55	301.74	254.00	254.00	1710.00	280.00
(iv) Rural Land-less Employment Guarantee Prog.	.. 100%	1247.89	—	—	—	—	—
(v) Desert Development Programme	.. 100%	814.12	202.01	200.00	200.00	1000.00	200.00
(vi) Smokeless Chullah	.. 100%	188.62	51.62	40.00	40.00	200.00	50.00
Total—9		4461.96	750.12	636.00	636.00	4028.00	710.00
<b>10. INTEGRATED RURAL ENERGY PROGRAMME:</b>							
1. E.D.P.	.. 100% (DST)	—	0.93	0.77	0.77	7.70	77.00
2. M.E. GSAT	.. 100% (DST)	—	2.50	3.50	3.50	30.00	3.50
Total—10		—	3.43	4.27	4.27	37.70	80.50
<b>11. LAND REFORMS:</b>							
(i) Strengthening of Revenue Administration and updating of Land Records	.. 50:50	—	—	110.00	110.00	155.00	23.00
Sub-Total—11		—	—	110.00	110.00	155.00	23.00
<b>12. IRRIGATION AND PUBLIC HEALTH :</b>							
<b>Command Area Development</b>							
(i) Giri Irrigation CAD Project in Sirmour Distt.	.. 50:50	102.56	12.96	16.00	16.00	70.00	20.00
(ii) Bath Valley Irrigation CAD Project in Mandi Distt.	.. 50:50	28.90	9.62	12.00	12.00	50.00	15.00
(iii) Bhabour Sahib Phase-I—CAD Project in Distt. Una	.. 50:50	2.00	6.00	8.00	8.00	50.00	9.00
(iv) Bhabour Sahib Phase-II—Irrigation Project in Distt. Una	.. 50:50	—	1.50	0.90	0.90	100.00	1.00
Sub-Total—12:—		133.46	30.08	36.90	36.90	270.00	45.00

**13. POWER:**

(i) Inter-State Trans. Line from Bhaba to Panchkula	100%	—	76.38	50.00	50.00	—	—
(ii) Survey and investigation of H.E.x. Grant-in aid	100%	371.68	111.71	100.00	100.00	500.00	100.00
Sub-Total—13		371.68	188.09	150.00	150.00	500.00	100.00

**14. INDUSTRIES:**

(i) District Industries Centres	50:50	443.19	164.96	160.00	160.00	1200.00	180.00
(ii) Margin Money to Sick units	50:50	3.18	1.75	4.00	4.00	40.00	5.00
(iii) Modernisation of Handlooms	50:50	25.00	—	20.00	20.00	100.00	25.00
(iv) Hill Area Woollen Dev. Project	50:50	29.76	26.74	33.00	33.00	300.00	40.00
(v) Workshed-cum-Housing Scheme	50:50	21.50	8.99	12.00	12.00	75.00	11.00
(vi) Investment in Weavers Coop. Societies	50:50	1.50	—	—	—	10.00	1.00
(vii) Managerial Subsidy to Weavers Coop. Societies—Mkg. Dev. Assistance	50:50	1.46	0.65	7.00	7.00	60.00	9.00
(viii) Thrift Fund	50:50	0.41	—	—	—	—	—
(ix) Subsidy to Handicraft Coop Societies	50:50	2.30	—	—	—	—	—
(x) Share capital Assistance to Weavers Apex Societies	50:50	—	—	—	—	15.00	1.00
(xi) Census survey of SSI units	100%	13.97	4.62	5.50	5.50	75.00	7.00
(xii) Handloom census	100%	0.61	—	—	—	—	—
(xiii) Central Investment/Transport Subsidy	100%	7490.00	0.25	1.03	1.03	7000.00	1200.00
(xiv) Electronic Industries	100%	—	—	0.25	0.25	5.00	1.00
Sub-Total—14		8032.88	207.96	242.78	242.78	8880.00	1480.00

**15. CIVIL AVIATION:**

(i) C/o Airport Shimla at Jubbar Hatti	86%:14%	575.81	0.48	0.01	0.01	400.00	200.00
(ii) C/o Airport Kangra at Gaggal	50:50%	—	—	—	—	600.00	500.00
(iii) Purchase of Aerospots equipments	100%	—	4.50	14.86	14.86	6.95	6.95
Sub-Total—15		575.81	4.98	14.87	14.87	1006.95	706.95

**16. TOURISM:**

(i) Tourist Accommodation	60:40	67.28	32.50	80.00	80.00	500.00	90.00
(ii) Way side amenities	60:40	8.00	11.00	20.00	20.00	100.00	25.00
(iii) Trekking equipment	100%	8.68	—	—	—	40.00	8.00
(iv) Tents for accommodation	100%	—	9.36	—	—	35.00	8.00
(v) River Rafting equipment	100%	—	3.25	—	—	10.00	4.00
(vi) Publicity literature	100%	—	—	15.00	15.00	50.00	20.00
(vii) Fair and Festivals	100%	1.60	—	—	—	10.00	2.00
(viii) Upgrading of properties at Wild Flower Hall, Chail, Manali & Dharamshala	100%	—	—	40.00	40.00	100.00	50.00
Sub-Total—16		85.56	56.11	155.00	155.00	945.00	207.00

1	2	3	4	5	6	7	8
<b>17. SURVEY AND STATISTICS:</b>							
(i) Third Economic Census	100%	—	5.08	8.00	8.00	3.00	3.00
<b>18. SECRETARIAT ECONOMIC SERVICES:</b>							
(1) Strengthening of State Planning Machinery (Headquarters)	75:25	—	—	—	—	18.00	2.67
(2) Strengthening of State Planning Machinery (Distt. level)							
<b>19. EDUCATION:</b>							
<b>I. Primary Education:</b>							
(i) Operation Black Board	100%	555.83	451.23	183.10	183.10	3673.81	512.42
(ii) DIET	100%	60.60	5.20	22.07	22.07	176.67	25.38
Sub-Total—19		616.43	456.43	205.17	205.17	3850.48	537.80
<b>II. Elementary Education:</b>							
(1) Expenditure on Incentives for Promotion of Elementary Education amongst Girls	100%	7.50	—	—	—	—	—
(2) New Educational Technology Programme	100%	9.62	—	0.01	0.01	200.00	40.00
<b>III. Secondary Education:</b>							
(1) Strengthening of English Language teaching	100%	10.60	2.21	2.58	2.58	15.50	2.76
(2) Reimbursement of tuition fee charged from girls in class IX-XII	100%	8.98	—	—	—	—	—
(3) Vocational Education:							
(i) Directorate Level	50:50	—	—	—	—	—	—
(ii) Institution level	75:25	194.47	157.55	39.10	39.10	579.74	97.05
(4) Improvement of Secondary Education	100%	195.63	139.84	1.00	1.00	500.00	100.00
(5) Computer literacy and Studies in schools (class)	100%	—	—	—	—	—	—
(6) Sanskrit Education:							
(i) Assistance to Indigent Sanskrit Pandits	100%	0.23	0.05	0.01	0.01	0.10	0.02
(ii) Development of Sanskrit Education-Supply of Library Books	100%	1.00	0.05	—	—	0.25	0.05
<b>IV. General Education</b>							
(i) Educational Technology Programme(3c)	100%	5.93	1.33	1.55	1.55	9.30	1.70
(ii) Scholarship							
(a) Post-Matric Scholarships to SC/ST	100%	12.29	1.00	1.00	1.00	5.00	1.00
(b) National Scholarships	100%	4.23	0.01	0.01	0.01	5.00	1.00

(c) Upgradation Merit to SC/ST Students	100%	0.92	1.23	0.01	0.01	6.00	1.20
(E) Sanskrit Scholarships	100%	—	0.72	—	—	2.10	0.42
7. Environmental Education	100%	8.77	2.41	2.82	2.82	14.00	2.80
8. 5th All India Educational Survey	100%	6.47	—	—	—	—	—
9. Integrated Education of Handicapped Children	100%	15.82	7.32	7.32	7.32	48.00	8.00
<b>V. Adult Education</b>							
(i) RPLP							
(a) 120 Projects							
(b) Strengthening of District Admn.	100%	209.75	47.13	21.72	21.72	336.60	67.32
(c) Expenditure on Administration Structure at Directorate level	100%	17.44	2.30	3.17	3.17	20.00	4.00
(ii) JSN	100%	10.17	5.13	2.16	2.16	63.00	12.60
<b>Total—Elementary + General</b>		<b>719.82</b>	<b>368.28</b>	<b>82.46</b>	<b>82.46</b>	<b>1804.59</b>	<b>339.92</b>
<b>20. TECHNICAL EDUCATION:</b>							
(i) Vocation and Craftsmen Training	50:50	55.11	20.48	45.00	45.00	182.00	65.75
<b>21. YOUTH SERVICES AND SPORTS:</b>							
(i) Construction of Stadia	75:25	58.47	15.40	13.17	13.17	119.00	23.92
<b>22. ART AND CULTURE:</b>							
(i) Assistance to Persons in Indigent Circumstances	66:33	0.32	0.07	0.10	0.10	0.60	0.10
(ii) Development of Archives	75:25	—	0.90	0.60	0.60	5.00	1.00
<b>Sub-Total—22</b>		<b>0.32</b>	<b>0.97</b>	<b>0.70</b>	<b>0.70</b>	<b>5.60</b>	<b>1.10</b>
<b>23. HEALTH:</b>							
<b>Allopathy Sector:</b>							
(i) Multipurpose workers Scheme	50:50	2.99	Scheme transferred to State Plan w.e.f. 1-4-90				
(ii) National Malaria Eradication Prog.	50:50	244.30	64.97	85.21	85.21	450.00	86.40
(iii) National T.B. Control Prog.	50:50	102.08	20.00	47.00	47.00	250.00	50.00
(iv) UNFPA PROJECT	90:10	—	793.96	1107.85	1107.85	1248.19	1107.85
(v) National Family Welfare Prog.	100%	2499.46	684.65	748.07	748.07	5620.84	821.88
(vi) Health Guide Scheme	100%	200.23	3.90	23.00	23.00	115.00	23.00
(vii) National Leprosy Control Prog.	100%	41.98	7.45	8.26	8.26	50.70	8.80
(viii) National Prog. for control of Blindness	100%	45.26	Scheme Transferred to State Plan w.e.f. 1-4-90				
(ix) Training of Multi-purpose workers Male	100%	7.80	3.30	3.61	3.61	25.00	4.00
(x) Training of Medical & Para Medical workers	100%	0.32	Scheme has been discontinued				
(xi) National Goitre control Prog.	100%	1.20	0.75	1.20	1.20	13.50	2.30
(xii) Laboratory Facilities at PHCs.	100%	3.54	—	3.30	3.30	16.50	3.30
(xiii) National School Health Services	100%	2.40	0.20	1.25	1.25	6.25	1.25
(xiv) Exp. on Dev. of Blood Banks	100%	—	—	2.45	2.45	12.25	2.45
(xv) Ophthalmic Assistance Training at Medical College	100%	—	—	1.08	1.08	7.00	1.20

	1	2	3	4	5	6	7	8
(xvi) Supply of Antibiotic Tubes ..	100 %	—	—	—	0.20	0.20	1.00	0.20
(xvii) G.I.A.to voluntary organisations ..	100 %	—	—	—	1.00	1.00	5.00	1.00
(xviii) Health Education Aid ..	100 %	—	—	—	0.50	0.50	2.50	0.50
(xix) National Award for best Performance under family Welfare Prog. ....	100 %	108.12	48.85	—	60.00	60.00	—	—
(xx) Opening of Health Sub-Centre (R.N.S.) ..	100 %	—	—	—	—	—	80.00	3.60
<b>Total—23</b> ..			<b>3259.68</b>	<b>1628.03</b>	<b>2093.98</b>	<b>2093.98</b>	<b>7903.73</b>	<b>2117.73</b>
<b>24. AYURVEDA:</b>								
(i) Himalyan Bhot Ayurvedic Chikitsa Anusandhansala Tatha Siksha Sansthan Manali (H.P.) ..	100 %	2.50	0.35	—	1.00	1.00	2.00	0.40
<b>25. RURAL WATER SUPPLY:</b>								
(i) ARWSP and Desert Development ..	100 %	4490.56	642.21	—	642.00	642.00	6860.00	3700.00
<b>26. URBAN DEVELOPMENT:</b>								
(i) Low Cost Sanitation ..	50:50	122.47	30.00	—	20.00	20.00	60.00	12.00
(ii) Integrated Dev. of Small and Medium Towns ..	50:50	1.70	—	—	—	—	—	—
(iii) Nehru Rojgar Yojana ..	80:20	147.89	54.86	—	66.52	66.52	190.00	28.00
(iv) Urban Basic Services ..	100 %	10.25	—	—	10.00	10.00	65.00	12.00
<b>Sub-Total—26</b> ..			<b>282.31</b>	<b>84.86</b>	<b>96.52</b>	<b>96.52</b>	<b>315.00</b>	<b>52.00</b>
<b>27. LABOUR AND EMPLOYMENT :</b>								
(i) Physically Handicapped cell at Dharamshala ..	100 %	2.19	0.93	—	1.15	1.15	6.00	1.00
<b>28. WELFARE OF SCs/STs/OBCs:</b>								
<b>I. Welfare of Scheduled Castes:</b>								
1. Book Banks ..	50:50	—	—	—	0.45	0.45	4.00	0.50
2. P.C.R.Act ..	50:50	0.50	0.75	—	1.00	1.00	8.00	1.15
3. Girls Hostel ..	50:50	6.71	5.00	—	5.50	5.50	40.00	6.50
4. Scholarship to the children of those who are engaged in unclean occupations ..	50:50	1.00	—	—	0.30	0.30	3.00	0.25
5. Pre-examination Centres ..	50:50	11.66	—	—	5.34	5.34	40.00	6.25
<b>II. Welfare of Scheduled Tribes :</b>								
I. Girls Hostels ..	50:50	1.07	—	—	5.91	5.91	48.00	7.00

<b>29. SOCIAL WELFARE :</b>								
1. Scholarship to handicapped ..	100%	3.35	2.20	2.10	2.10	7.00	3.50	
2. Home for Children in need of care and protection ..	45:45 10	5.05	1.82	0.25	0.25	12.00	3.00	
<b>Matching grant for centrally Sponsored Schemes:</b>								
1. Home for Deaf and Dumb ..	50:50	1.73	1.00	0.30	0.30	2.00	0.35	
2. Colony for patient of leprosy ..	50:50	0.65	—	1.00	1.00	10.00	5.00	
3. Home for physically handicapped ..	50:50	1.06	—	0.30	0.30	3.00	0.40	
4. Petrol Subsidy ..	100%	—	—	0.05	0.05	1.00	0.05	
<b>Sub-Total—27+28+29</b> ..		<b>34.97</b>	<b>11.70</b>	<b>23.65</b>	<b>23.65</b>	<b>184.00</b>	<b>34.95</b>	
<b>30. PEXSEM:</b> ..	50:50	—	—	—	—	91.00	18.00	
<b>GRAND TOTAL</b> ..		<b>27998.33</b>	<b>5727.09</b>	<b>7112.03</b>	<b>7112.03</b>	<b>58870.00</b>	<b>14482.22</b>	

## TRIBAL SUB-PLAN

## DRAFT EIGHTH FIVE YEAR PLAN—1992—97 AND ANNUAL PLAN—1992-93—FLOW FROM THE OVERALL STATE PLAN

(Rs. in lakh)

Sector/Head/Sub-Head of Development	Annual Plan 1991-92 Approved Eighth Plan—1992-97 proposed			Annual Plan—1992-93 Proposed						
	Outlay			Outlay						
	Total State Plan	Flow to TSP	Percentage	Total State Plan	Flow to TSP	Percentage	Total State Plan	Flow to TSP	Percentage	
1	2	3	4	5	6	7	8	9	10	
<b>A. ECONOMIC SERVICES:</b>										
<b>I. AGRICULTURE AND ALLIED ACTIVITIES:</b>										
<b>1. CROP HUSBANDRY:</b>										
(a) Agriculture	..	1,279.00	195.00	15.25	9,301.25	2,301.00	24.74	1,657.25	410.00	24.74
(b) Horticulture	..	696.00	140.00	20.11	4,622.00	1,079.00	2.34	976.00	228.00	23.36
(c) Dry land Farming	..	25.00	—	—	180.00	—	—	30.00	—	—
<b>2. Soil and Water Conservation:</b>										
(a) Agriculture	..	220.00	40.00	18.18	2,107.25	387.00	18.37	353.25	65.00	18.40
(b) Forests	..	140.00	36.00	25.71	1,100.00	288.00	26.18	160.00	42.00	26.25
3. Animal Husbandry	..	282.00	46.00	16.31	2,698.00	444.00	16.46	370.00	61.00	16.49
4. Dairy Development	..	105.00	10.00	9.52	667.00	60.00	9.00	114.00	10.00	0.79
5. Fisheries	..	140.00	11.00	7.86	1,000.00	85.00	8.50	160.00	12.00	7.50
6. Forests	..	3,260.00	245.00	7.52	35,636.00	2,778.00	7.80	4,545.00	355.00	7.81
7. Food, Storage and Warehousing	..	—	—	—	—	—	—	—	—	—
<b>8. Agricultural Research and Education:</b>										
(a) Agriculture	..	151.00	6.00	3.97	1,174.00	47.00	4.00	174.00	7.00	4.02
(b) Horticulture	..	140.00	10.00	7.14	1,325.00	145.00	10.94	200.00	22.00	11.00
(c) Animal Husbandry	..	98.00	10.00	10.20	779.00	78.00	10.01	113.00	11.00	9.73
(d) Forests	..	105.00	10.00	9.52	817.00	83.00	10.16	127.00	13.00	10.24
(e) Fisheries	..	6.00	1.00	16.66	46.55	7.00	15.04	6.90	1.00	14.49
9. Investment in Agricultural Financial Institutions	..	133.00	27.00	20.30	239.00	39.00	16.32	55.00	9.00	16.36
<b>10. Other Agricultural Programme:</b>										
(i) Marketing and Quality Control	..	500.00	15.00	3.00	4,388.13	532.00	12.12	380.38	44.00	11.57
(ii) Loans to Cultivators other than Horticulture	..	1.00	—	—	6.00	—	—	1.00	—	—
11. Co-operation	..	215.00	16.00	7.44	1,707.00	124.00	7.26	370.00	27.00	3.30
<b>Total —I-Agriculture and Allied Activities</b>	..	<b>7,496.00</b>	<b>818.00</b>	<b>10.91</b>	<b>67,793.18</b>	<b>8,477.00</b>	<b>12.50</b>	<b>9,792.78</b>	<b>1,317.00</b>	<b>13.45</b>



**II. RURAL DEVELOPMENT:**
**1. Special Programme for Rural Development:**

(a) IRDP	..	136.00	17.00	12.50	1,118.00	142.00	12.70	180.00	23.00	12.78
(b) IREP	..	80.00	25.00	31.25	614.00	194.00	31.60	104.00	32.00	30.77
(c) Antyodaya	..	124.00	—	—	600.00	—	—	100.00	—	—
2. (i) Rural Employment NREP/JRY	..	246.00	25.00	10.16	1,710.00	171.00	10.00	280.00	27.00	9.64
(ii) Special Employment Programme	..	254.00	25.00	9.84	2,000.00	180.00	9.00	300.00	27.00	9.00
<b>3. Land Reforms:</b>										
(a) Cadastral Survey and Record of Rights	..	276.00	—	—	2,167.00	—	—	341.00	..	..
(b) Supporting Services	..	1.00	—	—	8.00	—	—	1.00	—	—
(c) Consolidation of Holdings	..	153.00	—	—	1,350.00	—	—	220.00	—	—
(d) Strengthening of Primary and Supervisory LRA	..	102.00	13.00	12.75	971.00	110.00	11.33	155.00	17.00	10.97
(e) Revenue Housing	..	5.00	1.00	20.00	50.00	7.00	14.00	10.00	1.00	10.00
(f) Forest Settlement	..	34.00	—	—	244.00	—	—	39.00	—	—
4. Community Development	..	127.00	14.00	11.02	715.00	80.00	11.19	144.00	15.00	10.42
5. Panchayats	..	93.00	12.00	12.90	760.00	100.00	13.16	135.00	15.00	11.11
<b>TOTAL-II.—Rural Development</b>	..	<b>1,631.00</b>	<b>132.00</b>	<b>8.09</b>	<b>1,2307.00</b>	<b>984.00</b>	<b>8.00</b>	<b>2,009.00</b>	<b>157.00</b>	<b>7.81</b>

**III. Special Area Programme**
**IV. IRRIGATION AND FLOOD CONTROL:**

1. Major and Medium Irrigation	..	307.00	2.00	0.65	2,428.00	20.00	0.82	234.00	2.00	0.85
2. Minor Irrigation:										
(a) I & PH	..	3,025.00	210.00	6.94	13,750.00	954.00	6.94	3,025.00	210.00	6.94
(b) RDD	..	25.00	2.50	10.00	200.00	19.00	9.50	40.00	3.00	7.50
3. Command Area Development	..	46.00	—	—	250.00	—	—	50.00	—	—
4. Flood Control	..	100.00	14.00	14.00	775.00	109.00	14.06	115.00	16.00	13.91
<b>Total-IV—Irrigation and Flood Control</b>	..	<b>3,503.00</b>	<b>228.50</b>	<b>6.52</b>	<b>17,403.00</b>	<b>1,102.00</b>	<b>6.33</b>	<b>3,464.00</b>	<b>231.00</b>	<b>6.6</b>

**V—ENERGY:**

1. Power	..	7,600.00	549.00	7.22	60,117.00	3,180.00	5.29	10,218.00	470.00	4.60
2. Biogas Development	..	85.00	2.00	2.35	600.00	15.00	2.50	90.00	2.00	2.22
3. N.R.S.E.	..	15.00	5.00	33.33	223.00	39.00	17.49	36.00	6.00	16.67
4. Smokeless Chullahs	..	—	—	—	—	—	—	—	—	—
<b>Total-V—Energy</b>	..	<b>7,700.00</b>	<b>556.00</b>	<b>7.22</b>	<b>60,940.00</b>	<b>3,234.00</b>	<b>5.31</b>	<b>10,344.00</b>	<b>478.00</b>	<b>4.62</b>

(Rs in lakh)

1	2	3	4	5	6	7	8	9	10
<b>VI—INDUSTRIES AND MINERALS:</b>									
1 Village and Small Industries ..	709.00	65.90	9.17	7,200.00	660.00	9.17	931.00	85.00	9.19
2. Large and Medium Industries ..	450.00	9.10	2.22	4,769.00	107.00	2.24	534.00	12.00	2.25
3. Mining ..	45.00	10.00	22.22	600.00	133.00	22.17	50.00	11.00	22.00
<b>Total—VI—Industries and Minerals ..</b>	<b>1,204.00</b>	<b>85.00</b>	<b>7.06</b>	<b>12,569.00</b>	<b>900.00</b>	<b>7.16</b>	<b>1,515.00</b>	<b>108.00</b>	<b>7.13</b>
<b>VII—TRANSPORT</b>									
1. Civil Aviation ..	25.00	10.00	40.00	125.00	25.00	20.00	25.00	5.00	20.00
2. Roads and Bridges ..	4,290.00	560.00	13.05	32,660.00	4,265.00	13.06	5,255.00	686.00	13.05
3. Road Transport ..	890.00	80.00	8.99	7,575.00	693.00	9.15	1,189.00	107.00	9.00
4. Inland Water Transport ..	2.00	—	—	37.00	—	—	6.00	—	—
5. Other Transport Services:									
(i) Ropeways/Cableways ..	25.00	10.00	40.00	300.00	150.00	50.00	50.00	25.00	50.00
(ii) Tele-Communication ..	50.00	23.00	46.00	510.00	133.00	26.08	92.00	24.00	26.09
(iii) IMT Studies ..	5.00	—	—	50.00	—	—	10.00	—	—
<b>Total-VII—Transport ..</b>	<b>5,287.00</b>	<b>683.00</b>	<b>12.92</b>	<b>41,257.00</b>	<b>5,266.00</b>	<b>12.76</b>	<b>6,627.00</b>	<b>847.00</b>	<b>12.78</b>
<b>VIII—COMMUNICATIONS</b>									
<b>IX—SCIENCE, TECHNOLOGY AND ENVIRONMENT:</b>									
1. Scientific Research (including S&T) ..	50.00	3.00	6.00	430.00	23.00	5.35	80.00	3.00	3.75
2. Forensic Lab. ..	—	—	—	—	—	—	—	—	—
3. Ecology and environment ..	5.00	—	—	75.00	—	—	10.00	—	—
4. Water and Air Pollution Prevention ..	20.00	—	—	300.00	—	—	38.00	—	—
<b>Total—IX—Sc., Technology and Environment ..</b>	<b>75.00</b>	<b>3.00</b>	<b>4.00</b>	<b>805.00</b>	<b>23.00</b>	<b>2.86</b>	<b>128.00</b>	<b>3.00</b>	<b>2.34</b>
<b>X—GENERAL ECONOMIC SERVICES:</b>									
1. Secretariat Economic Services ..	66.00	—	—	413.00	—	—	67.00	—	—
2. Tourism ..	260.00	30.00	11.54	2,000.00	248.00	12.40	300.00	36.00	12.00
3. Survey and Statistics ..	17.00	1.00	5.84	135.00	6.00	4.44	21.00	1.00	4.76
4. Civil Supplies ..	364.00	50.00	13.74	4,667.00	700.00	15.00	893.00	100.00	11.20
5. Other General Economic Services:									
(a) Weights and Measures ..	8.00	1.00	12.50	60.00	8.00	13.33	10.00	1.00	10.00
(b) Others institutional Finance and Public Enterprises ..	6.00	—	—	50.00	—	—	8.00	—	—

(c) District Planning	..	984.00	—	—	10,000.00	10.00	0.10	1,000.00	10.00	1.00
6. Excise and Taxation	..	4.00	—	—	60.00	—	—	8.00	—	—
<b>Total—X—General Economic Services</b>	..	<b>1,709.00</b>	<b>82.00</b>	<b>4.80</b>	<b>17,385.00</b>	<b>972.00</b>	<b>5.59</b>	<b>2,307.00</b>	<b>148.00</b>	<b>6.42</b>
<b>Total—A—ECONOMIC SERVICES</b>	..	<b>28,605.00</b>	<b>2,587.50</b>	<b>9.04</b>	<b>2,30,459.18</b>	<b>20,958.00</b>	<b>9.09</b>	<b>36,186.78</b>	<b>3,289.00</b>	<b>9.09</b>

**B. SOCIAL SERVICES:**

**XI—EDUCATION, SPORTS, ART AND CULTURE:**

1. General Education	..	3,600.00	350.00	9.72	30,817.00	3,142.00	10.20	4,732.00	480.00	10.14
2. Technical Education	..	544.00	20.00	3.68	4,220.00	155.00	3.67	790.00	23.00	2.91
3. Art and Culture	..	105.00	16.00	15.24	750.00	125.00	20.00	116.00	17.00	14.66
4. Sports and Youth Services	..	71.00	11.00	15.49	582.00	80.00	13.75	89.00	11.00	12.36
5. Others:										
(i) Mountaineering and Allied Sports	..	45.00	9.00	20.00	365.00	65.00	17.81	56.00	10.00	17.86
(ii) Gazetteers	..	9.00	—	—	67.00	—	—	12.00	—	—
6. Health:										
(a) Allopatny	..	1,070.00	101.00	9.44	10,788.00	1,071.00	9.93	1,662.00	165.00	9.93
(b) Ayurveda and other ISMS	..	230.00	17.00	7.39	1,800.00	175.00	9.72	293.00	23.00	7.85
(c) Medical Education	..	250.00	—	—	1,893.00	—	—	433.00	—	—
7. Water Supply, Housing and Urban Development:										
(a) Urban Water Supply	..	900.00	—	—	6,414.00	—	—	878.00	—	—
(b) Rural Water Supply	..	3055.00	200.00	6.55	24,036.00	1,811.00	7.53	4,265.00	321.00	7.53
(c) Sewerage	..	100.00	10.00	10.00	1,350.00	65.00	4.81	75.00	16.00	21.33
(d) Rural Sanitation	..	25.00	4.00	16.00	5,685.00	235.00	4.13	725.00	30.00	4.14
(e) Low cost sanitation	..	20.00	—	—	60.00	—	—	12.00	—	—
8. Housing:										
(a) Pooled Government Housing	..	235.00	35.00	14.89	4,320.00	434.00	10.05	617.00	62.00	10.05
(b) Housing Department	..	180.00	10.00	5.56	963.00	86.00	8.93	200.00	18.00	9.00
(c) Rural Housing	..	20.00	2.50	12.50	175.00	—	—	35.00	—	—
9. Urban Development										
(a) Town and Country Planning	..	72.00	2.00	2.77	520.00	15.00	2.88	85.00	2.00	2.35
(b) Special Area Development Authorities	..	5.00	5.00	100.00	50.00	50.00	100.00	10.00	10.00	100.00
(c) Environmental Improvement of Slums	..	48.00	—	—	315.00	—	—	63.00	—	—
(d) G.I.A. to Urban Local Bodies	..	107.00	—	—	1,088.00	—	—	185.00	—	—
(e) Urban Development Authorities	..	220.00	—	—	1,175.00	—	—	135.00	—	—
10. Information and Publicity	..	105.00	17.00	16.19	678.00	110.00	16.22	123.00	20.00	16.26
11. Welfare of SCs/ST's and OBCS	..	249.00	27.00	12.33	1,656.00	212.00	12.80	257.00	33.00	12.84
12. Labour and Labour Welfare.	..	50.00	4.00	8.00	435.00	32.00	7.36	66.00	5.00	7.58
13. Social Welfare and Nutrition:										
(a) Social Welfare	..	208.00	45.00	21.63	1,545.00	349.00	22.59	275.00	57.00	20.73
(b) Nutrition	..	225.00	50.00	22.22	1,300.00	388.00	29.85	260.00	65.00	25.00
<b>Total—XI—Social Services</b>	..	<b>11,718.00</b>	<b>935.50</b>	<b>7.98</b>	<b>1,03,047.00</b>	<b>8,600.00</b>	<b>8.35</b>	<b>16,449.00</b>	<b>1,368.00</b>	<b>8.32</b>
<b>Total—B—SOCIAL SERVICES</b>	..	<b>11,718.00</b>	<b>935.50</b>	<b>7.98</b>	<b>1,03,047.00</b>	<b>8,600.00</b>	<b>8.35</b>	<b>16,449.00</b>	<b>1,368.00</b>	<b>8.32</b>

1	2	3	4	5	6	7	8	9	10
<b>C. GENERAL SERVICES:</b>									
<b>XII. GENERAL SERVICES:</b>									
1. Stationery and Printing	70.00	—	—	533.00	—	—	95.00	—	—
2. Public Works	475.00	67.00	14.11	3,680.00	519.00	14.10	545.00	77.00	14.13
3. Others:									
(a) H.I.P.A.	40.00	—	—	263.00	—	—	46.00	—	—
(b) Nucleus Budget	52.50	52.50	100.00	350.00	350.00	100.00	70.00	70.00	100.00
(c) T.D.M.	7.50	47.50	633.33	58.00	58.00	100.00	9.00	9.00	100.00
(d) Equity to <i>Ex-service-men</i> Corporation	32.00	—	—	330.00	—	—	53.00	—	—
(e) Jails	—	—	—	—	—	—	—	—	—
<b>Total—XII—General Services</b>	<b>677.00</b>	<b>167.00</b>	<b>24.67</b>	<b>5,214.00</b>	<b>927.00</b>	<b>17.78</b>	<b>818.00</b>	<b>156.00</b>	<b>19.07</b>
<b>Total—C—General Services</b>	<b>677.00</b>	<b>167.00</b>	<b>24.67</b>	<b>5,214.00</b>	<b>927.00</b>	<b>17.78</b>	<b>818.00</b>	<b>156.00</b>	<b>19.07</b>
<b>GRAND TOTAL—(A+B+C)</b>	<b>41,000.00</b>	<b>3,690.00</b>	<b>9.00</b>	<b>3,38,720.18</b>	<b>30,485.00</b>	<b>9.00</b>	<b>53,453.78</b>	<b>4,813.00</b>	<b>9.00</b>

**DRAFT EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93)—PHYSICAL TARGETS AND ACHIEVEMENTS**

Sl. No.	Item	Unit	Annual Plan (1991-92) Anti. Ach.	Eighth Plan (1992-97) Proposed Target	Annual Plan (1992-93) Proposed Target
1	2	3	4	5	6
<b>I. Agriculture Production:</b>					
1.	Foodgrains:				
	(i) Area	.. '000 Hect.	22.00	22.50	22.00
	(ii) Production	.. '000 MT	25.50	30.00	26.00
2.	Potato:				
	(i) Area	.. '000 Hect.	3.10	3.20	3.10
	(ii) Production	.. '000 MT	42.00	50.00	43.00
3.	Vegetables:				
	(i) Area	.. '000 Hect.	0.45	1.00	0.50
	(ii) Production	.. '000 MT	4.50	10.00	5.00
4.	Area under H.Y.V. to be covered:				
	(i) Wheat	.. '000 Hect.	3.70	3.70	3.70
	(ii) Maize	.. '000 Hect.	1.35	1.80	1.40
5.	Area under improved varieties:				
	(i) Barley	.. '000 Hect.	2.75	3.00	2.80
6.	H.Y.V. Seed to be distributed:				
	(i) Wheat	.. MT	125	800	160
	(ii) Maize	.. MT	12	70	15
7.	Improved varieties seeds to be distributed:				
	(i) Barley	.. MT	8	50	9
8.	Distribution of fertilizers in terms of nutrients:				
	N.	.. MT	280	1,500	300
	P	.. MT	180	1,000	200
	K.	.. MT	120	800	150
9.	Rural Compost to be prepared	.. '000 MT	135	—	—
10.	Plant protection:				
	(i) Area to be covered under plant production:				
	(a) Commercial crops	.. '000 Hect.	1.60	8.50	1.65
	(b) Foodgrains	.. '000 Hect.	15.00	80.00	15.00
	(c) Consumption of pesticides	.. MT	15	80	15
11.	Agricultural implements to be distributed	.. No.	3,500	20,000	4,000
12.	Soil Samples to be analysed	.. No.	15,500	80,000	16,000
13.	No. of demonstration laid on oil seed and pulses	.. Nos.	700	4,000	750
14.	Bio-gas plants to be installed	.. Nos.	5	50	5
15.	Soil Conservation:				
	(a) Agriculture	.. Hect.	135	700	140
	(b) Forest	.. Hect.	180	1,600	200
<b>2. Horticulture:</b>					
1.	Area under Fruit crops:				
	(a) Apple	.. Hect.	5.373	10.681	8.681.
	(b) Other temperate fruits	.. Hect.	0.539		
	(c) Nuts and Dry fruits	.. Hect.	2.269		
2.	Fruits Production:				
	(a) Apple	.. MT	14976	17,500	15,000
	(b) Other temperate fruits	.. MT	502	750	500
	(c) Nuts and Dry Fruits	.. MT	342	1,000	650
3.	Area covered under plant production	.. Hect.	4,000	20,000	4000
4.	Hops Development:				
	(a) Hops production	.. MT	—	—	—
	(b) Area under Hops	.. Hect.	—	—	—

1	2	3	4	5	6
<b>3. Animal Husbandry:</b>					
1. Opening of New Veterinary Dispensaries	.. Nos.	—	10	2	
2. Upgradation of Veterinary Dispensaries	.. Nos.	—	5	1	
3. Opening of Poly. Clinic	.. Nos.	—	1	—	
<b>4. Fisheries:</b>					
1. Trout ova production/eggs	.. Nos. in lakh.	2.50	5.00	3.00	
2. Families assisted for pond-culture	.. Nos.	6	90	8	
<b>5. Forests:</b>					
1. Quick-growing species	.. Hect.	154	1,190	180	
2. Economic importance species	.. Hect.	175	1,170	190	
3. Pasture improvement	.. Hect.	139	850	155	
4. Social Forestry	.. Hect.	2,169	11,000	2,350	
<b>6. Co-operation :</b>					
1. Short & Medium-term loans advanced	.. Rs. in lakh	50.00	70.00	55.00	
2. Agrl. produce marketed	.. -do-	425.00	1000.00	4450.00	
3. Fertilizers retailed	.. -do-	25.00	40.00	30.00	
4. Distribution of consumer articles	.. -do-	600.00	4000.00	6625.00	
<b>7. Rural Development :</b>					
<b>(a) I. R. D. P.</b>					
(i) Beneficiaries assisted	.. Nos.	921	5000	560	
(ii) Youth trained under T.R.Y.S.E.M.	.. No.	—	1000.00	200	
<b>(b) N.R.E.P./J.R.Y. :</b>					
(i) Mandays generated	.. Nos. in lakh	—	18.00	3.50	
(c) Rural Housing (2-room tenements)	.. Nos.	42	—	—	
(d) Rural Sanitation (No. of latrines)	.. Nos.	700	12375	1650	
<b>8. Minor Irrigation :</b>					
Area covered	.. Hect.	106	1000.00	200	
<b>9. Power :</b>					
Village Electrified	.. Nos.	480 (100%)	(100%)	(100%)	
<b>10. Village and Small Industries :</b>					
1. Small Scale Industries	.. Nos.	100	500	100	
(a) No. of Units	.. Nos.	598	1600	500	
(b) Employment					
2. Industrial Estate :					
(a) No. of Units	.. Nos.	7	30	9	
(b) Employment	.. Nos.	37	100	20	
<b>11. Roads &amp; Bridges :</b>					
1. Motorable road	.. Km.	20	140	25	
2. Jeepable	.. Km.	6	50	10	
3. Crossdrainage	.. Km.	5	45	6	
4. M & T.	.. Km.	6	50	8	
5. Bridges	.. Nos.	1	8	1	
6. Villages to be connected	.. Nos.	3	20	3	
7. Cableways	.. Km.	4	20	3	
<b>12. Civil Aviation :</b>					
No. of helipads	.. Nos.	2	2	2	
<b>13. Tourism :</b>					
No. of beds	.. Nos.	20	200	40	

1	2	3	4	5
<b>14. Education :</b>				
<b>I. PRIMARY EDUCATION :</b>				
(a) Enrolment I to V (6-11 years) :				
(i) Boys	.. '000		—	—
	Nos.			
(ii) Girls	.. '000		—	—
	Nos.			
(b) Opening of Primary Schools	.. Nos.		—	25
<b>II. SECONDARY EDUCATION :</b>				
(a) Enrolment (VI-VIII) :				
(i) Boys	.. '000	(0.6)9.6	11.2(1.6)	10.0(0.04)
(ii) Girls	.. '000	(0.4)5.4	7.5(2.10)	5.9(0.05)
(b) Enrolment (IX-X) :				
(i) Boys	.. '000	3.6(0.3)	5.1(1.5)	3.9(0.3)
(ii) Girls	..	2.1(0.4)	4.4(2.3)	2.5(1.4)
(c) Enrolment (XI-XII) :				
(i) Boys	.. '000	1200(200)	2200(1000)	1400(200)
(ii) Girls	.. '000	450(100)	950(1500)	550(100)
<b>III. ADULT EDUCATION :</b>				
(a) No. of participants	'000		—	—
	Nos.			
(b) No. of Centres	.. Nos.		—	—
<b>IV. INSTITUTIONS :</b>				
(a) Middle Units	.. Nos.		21	—
(b) Secondary Units	.. Nos.		62	—
(c) Senior Secondary Unit	.. Nos.		6	—
(d) Free Hostels	.. Nos.		15	—
<b>15. Health :</b>				
(a) C. H. C.s.	.. Nos.		—	—
(b) P. H. C. s.	.. Nos.		—	1
(c) Opening of Health Sub-Centres	.. Nos.		—	—
<b>16. Ayurveda :</b>				
1. No. of dispensaries/Health Centres	.. Nos.		—	2
2. Ayurvedic Hospitals	.. Nos.		—	1
<b>17. Water Supply :</b>				
Villages covered	.. Nos.		5	7
<b>18. Welfare of SCs/STs/OBCs :</b>				
(a) Ashram Schools	.. Nos.		2	2
(b) Housing subsidy	.. No. of Persons		320	600
(c) Technical scholarship	.. -do-		50	710
<b>19. Social Welfare :</b>				
(a) Bal/Balika Ashrams	.. Nos.		8	50
(b) S. N. P.	.. No. of beneficiaries		9800	49,000
(c) I. C. D. S. Blocks	.. Nos.		—	—
<b>20. Public Works :</b>				
Construction of non-residential bldgs.	.. Nos.		—	15
<b>21. Housing :</b>				
1. C/o Dwelling Units (R. H. S.)	.. Nos.		—	—
2. Loans under L. I. G. H. Scheme	.. Nos.		44	225
3. Loans under M. I. G. H. Scheme	.. Nos.		11	70

S. C. P. 1

**DRAFT EIGHTH FIVE-YEAR PLAN—1992-97 AND ANNUAL PLAN—1992-93—  
HEAD OF DEVELOPMENT-WISE OUTLAYS-FLOW TO S. C. P.**

(Rs. in lakh)

Sl. No.	Sector/Head/Sub-Head of Development	Approved outlay Annual Plan 1991-92			Proposed Outlay Eighth Plan—1992-97			Proposed Outlay Annual Plan—1992-93		
		Total State Plan	Flow to S. C. P.	% age	Total State Plan	Flow to S. C. P.	% age	Total State Plan	Flow to S. C. P.	% age
1	2	3	4	5	6	7	8	9	10	11
<b>A—ECONOMIC SERVICES :</b>										
<b>I. AGR. AND ALLIED ACTIVITIES :</b>										
1. Crop Husbandry :										
	(a) Agriculture	1279.00	211.00	16.49	9301.25	1534.00	16.49	1657.25	395.00	23.83
	(b) Horticulture	696.00	143.00	20.54	4622.00	950.00	20.55	976.00	233.00	23.87
	(c) Dry Land Farming	25.00	10.00	40.00	180.00	72.00	40.00	30.00	12.00	40.00
	<b>Total-I—Crop Husbandry</b>	<b>2000.00</b>	<b>364.00</b>	<b>18.20</b>	<b>14103.25</b>	<b>2556.00</b>	<b>18.12</b>	<b>2663.25</b>	<b>640.00</b>	<b>24.03</b>
2. Soil Conservation :										
	(a) Agriculture	220.00	73.00	33.20	2107.25	699.00	33.17	353.25	117.00	33.12
	(b) Forests	140.00	17.00	12.14	1100.00	132.00	12.00	160.00	20.00	12.50
	<b>Total-2—Soil Conservation</b>	<b>360.00</b>	<b>90.00</b>	<b>25.00</b>	<b>3207.25</b>	<b>831.00</b>	<b>25.91</b>	<b>513.25</b>	<b>137.00</b>	<b>26.69</b>
	3. Animal Husbandry	282.00	98.00	34.75	2698.00	812.00	30.09	370.00	116.00	31.35
	4. Dairy Development	105.00	14.00	13.33	667.00	90.00	13.49	114.00	15.00	13.15
5. Forestry and Wild Life :										
	(a) Forestry	3135.00	550.00	17.54	34667.00	5000.00	14.42	4400.00	700.00	15.90
	(b) Wild Life	125.00	—	—	969.00	—	—	145.00	—	—
	<b>Total-5—Forestry &amp; Wild Life</b>	<b>3260.00</b>	<b>550.00</b>	<b>16.87</b>	<b>35636.00</b>	<b>5000.00</b>	<b>14.03</b>	<b>4545.00</b>	<b>700.00</b>	<b>15.40</b>
	6. Fisheries	140.00	18.00	12.85	1000.00	125.00	12.50	160.00	21.00	13.12
7. Agril. Research and Education :										
	(a) Agriculture	151.00	36.00	23.80	1174.00	—	—	174.00	—	—
	(b) Horticulture	140.00	29.00	20.71	1325.00	225.00	16.98	200.00	33.00	16.50
	(c) Animal Husbandry	98.00	19.00	19.38	779.00	—	—	113.00	—	—
	(d) Forests	105.00	—	—	817.00	—	—	127.00	—	—
	(e) Fisheries	6.00	2.50	41.67	46.55	30.00	64.44	6.90	5.00	72.46
	<b>Total-7—Agril. Research &amp; Euducation</b>	<b>500.00</b>	<b>86.50</b>	<b>17.30</b>	<b>4141.55</b>	<b>255.00</b>	<b>6.16</b>	<b>620.90</b>	<b>38.00</b>	<b>6.12</b>



9. Marketing and Quality Control :									
(a) Agriculture	35.00	—	—	285.00	—	—	55.00	—	—
(b) Horticulture	465.00	30.00	6.45	4103.13	262.00	6.38	325.38	46.00	14.13
Total-9—Marketing and Quality Control	500.00	30.00	6.00	4388.13	262.00	5.97	380.38	46.00	12.09
10. Loans to Cultivators other than Horticulture	1.00	0.50	50.00	6.00	3.00	50.00	1.00	0.50	50.00
11. Co-operation	215.00	22.00	10.00	1707.00	175.00	10.25	370.00	40.00	10.81
Total-I—Agri. and Allied Activities	7496.00	1273.00	16.98	67793.18	10109.00	14.91	9792.78	1753.50	17.90
<b>II. RURAL DEVELOPMENT :</b>									
1. Special Programme for Rural Development :									
(a) I. R. D. P.	136.00	68.00	50.00	1118.00	559.00	50.00	180.00	90.00	50.00
(b) Antyodaya	124.00	—	—	600.00	—	—	100.00	—	—
(c) I. R. E. P.	80.00	12.00	15.00	614.00	93.00	15.14	104.00	14.00	13.46
Total-1—Spl. Programme for R. D.	340.00	80.00	23.53	2332.00	652.00	27.95	384.00	104.00	27.08
2. (a) N. R. E. P.	254.00	102.00	40.15	1710.00	174.00	10.17	280.00	28.00	10.00
(b) J. R. Y.	246.00	—	—	—	—	—	—	—	—
(c) Spl. Employment Programme	—	—	—	2000.00	220.00	11.00	300.00	33.00	11.00
3. Land Reforms :									
(a) Cadastral Survey and Record of Rights	276.00	—	—	2167.00	—	—	341.00	—	—
(b) Supporting Services	1.00	0.50	50.00	8.00	4.00	50.00	1.00	0.50	50.00
(c) Consolidation of Holdings	153.00	—	—	1350.00	—	—	220.00	—	—
(d) Strengthening of Pwy/Supervisory L. R. A.	102.00	—	—	971.00	—	—	155.00	—	—
(e) Revenue Housing	5.00	—	—	50.00	—	—	10.00	—	—
(f) Forest Settlement	34.00	—	—	244.00	—	—	39.00	—	—
Sub-Total-3—Land Reforms	571.00	0.50	0.08	4790.00	4.00	0.08	766.00	0.50	0.06
4. Community Development	127.00	—	—	715.00	—	—	144.00	—	—
5. Panchayats	93.00	2.00	2.15	760.00	16.00	2.10	135.00	2.00	1.48
Total-II—Rural Development	1631.00	184.50	11.31	12307.00	1066.00	8.66	2009.00	167.50	8.34
III. SPECIAL AREA PROGRAMME	—	—	—	—	—	—	—	—	—
IV. IRRIGATION AND FLOOD CONTROL									
1. Major and Medium Irrigation	307.00	160.00	52.11	2428.00	1265.00	52.10	234.00	122.00	52.14
2. Minor irrigation :									
(a) I & P H	3025.00	602.00	19.90	13750.00	2736.00	19.89	3025.00	602.00	19.90
(b) R D D	25.00	5.00	20.00	200.00	40.00	20.00	40.00	8.00	20.00
3. Command Area Development	46.00	29.00	63.00	250.00	158.00	63.20	50.00	32.00	64.00
4. Flood Control	100.00	17.00	17.00	775.00	132.00	17.03	115.00	20.00	17.39
Total-IV—IRRIG. & F C.	3503.00	813.00	23.20	17403.00	4331.00	24.89	3464.00	784.00	22.63

1	2	3	4	5	6	7	8	9	10	11
<b>V. ENERGY :</b>										
1. Power :										
(a) Generation :										
(i) Approved Ongoing Projects	..	5505.00	—	—	41600.00	—	—	6930.00	—	—
(ii) Mini/Micro-Hydel Schemes	..	—	—	—	—	—	—	—	—	—
(iii) New Schemes	..	—	—	—	—	—	—	—	—	—
(b) Transmission & Distribution	..	1210.00	—	—	12008.00	—	—	2268.00	—	—
(c) Rural Electrification under State Plan R. E. C. (M. N. P. Schemes)	..	825.00	138.00	16.72	5550.00	1100.00	19.82	910.00	160.00	17.58
(d) Survey & Investigation	..	40.00	—	—	250.00	—	—	50.00	—	—
(e) Board's Buildings	..	10.00	—	—	100.00	—	—	20.00	—	—
(f) Renovation and Modernisation of Power	..	10.00	—	—	609.00	—	—	40.00	—	—
Sub-Total-1—Power	..	7600.00	138.00	1.82	60117.00	1100.00	1.82	10218.00	160.00	1.56
2. Bio-Gas Development	..	85.00	30.00	35.30	600.00	211.00	35.17	90.00	33.00	36.66
3. Non-conventional Sources of Energy-Development of Renewable Sources of Energy :										
(a) Solar	..	—	—	—	—	—	—	—	—	—
(b) Smokeless Chullahs	..	15.00	6.00	40.00	223.00	47.00	21.07	36.00	7.00	19.44
Total—V—Energy	..	7700.00	174.00	2.25	60940.00	1358.00	2.23	10344.00	200.00	1.93
<b>VI. INDUSTRIES AND MINERALS</b>										
1. Village and Small Inds.	..	709.00	183.00	25.81	7200.00	1858.00	25.80	931.00	240.00	25.77
2. Large and Medium Inds.	..	450.00	45.00	10.00	4769.00	477.00	10.00	534.00	53.00	9.92
3. Mining	..	45.00	—	—	600.00	—	—	50.00	—	—
4. Weights and Measures	..	45.00	—	—	60.00	—	—	10.00	—	—
Total—VI—Ind. and Minerals	..	1212.00	228.00	18.81	12629.00	2335.00	18.48	1525.00	293.00	19.21
<b>VII. TRANSPORT :</b>										
1. Civil Aviation (Helipads/Helicopter Organisation)	..	25.00	—	—	125.00	—	—	25.00	—	—
2. Roads and Bridges	..	4290.00	508.00	11.84	32660.00	3867.00	11.84	5255.00	622.00	11.83
3. Road Transport	..	890.00	—	—	7575.00	—	—	1189.00	—	—
4. Inland Water Transport	..	2.00	—	—	37.00	—	—	6.00	—	—
5. Other Transport Services :										
(a) Ropeways/Cableways	..	25.00	—	—	300.00	—	—	50.00	—	—
(b) Telecommunications	..	50.00	—	—	510.00	—	—	92.00	—	—

(c) I. M. T. Studies	..	5.00	—	—	50.00	—	—	10.00	—	—
Sub-Total—Other Transport Services	..	80.00	—	—	860.00	—	—	152.00	—	—
Total—VII—Transport	..	5287.00	508.00	9.61	41257.00	3867.00	9.37	6627.00	622.00	9.38
VIII. TELE COMMUNICATION	..	—	—	—	—	—	—	—	—	—
IX. SCIENCE, TECHNOLOGY, AND ENVIRONMENT :										
1. Scientific Resreach including S&T	..	50.00	—	—	430.00	—	—	80.00	—	—
2. Ecology and Environment	..	5.00	—	—	75.00	—	—	10.00	—	—
3. Water and Air pollution Prevention	..	20.00	—	—	300.00	—	—	38.00	—	—
Total-IX—Sc., Tech. and Environment	..	75.00	—	—	805.00	—	—	128.00	—	—
X. GENERAL ECONOMIC SERVICES :										
1. Sectt. Eco. Services	..	66.00	—	—	413.00	—	—	67.00	—	—
2. Excise and Taxation	..	4.00	—	—	60.00	—	—	8.00	—	—
3. Tourism	..	260.00	—	—	2000.00	—	—	300.00	—	—
4. Survey and Statistics	..	17.00	—	—	135.00	—	—	21.00	—	—
5. Civil Supplies	..	364.00	—	—	4667.00	—	—	893.00	—	—
6. Other Gen Services :										
(a) Institutional Finance	..	6.00	—	—	50.00	—	—	8.00	—	—
(b) District Planning	..	984.00	84.00	8.54	10000.00	2500.00	25.00	1000.00	300.00	30.00
Sub-Total—6—Other Gen. Services	..	990.00	84.00	8.48	10050.00	2500.00	24.87	1008.00	300.00	29.76
Total—X—Gen. Eco. Services	..	1701.00	84.00	4.94	17325.00	2500.00	14.43	2297.00	300.00	13.06
Total—A—Economic Services	..	28605.00	3264.50	11.41	230459.18	25566.00	11.09	36186.78	4120.00	11.39
B. SOCIAL SERVICES :										
SOCIAL SERVICES :										
1. Gen. Education										
(i) Pry. Education	..	628.00	150.00	23.88	6290.00	1443.00	22.94	944.00	214.00	22.66
(ii) Sec. Education	..	2972.00	490.00	16.49	24527.00	4060.00	16.55	3788.00	634.00	16.73
(iii) Tech. Education	..	544.00	5.00	0.91	4220.00	39.00	0.92	790.00	6.00	0.75
(iv) Art and Culture	..	105.00	—	—	750.00	—	—	116.00	—	—
(v) Sports and Youth Services	..	71.00	—	—	582.00	—	—	89.00	—	—
(vi) Others :										
(a) Mountaineering and Allied Sports	..	45.00	—	—	365.00	—	—	56.00	—	—
(b) Gazetteers	..	9.00	—	—	67.00	—	—	12.00	—	—
Total—1—Gen. Education	..	4374.00	645.00	14.75	36801.00	5542.00	15.05	5795.00	854.00	14.73

1	2	3	4	5	6	7	8	9	10	11
2.	Health :									
	(a) Allopathy ..	1070.00	118.00	11.0	10788.00	954.00	8.84	1662.00	152.00	9.14
	(b) Ayurveda and Other I.S.M.S. ..	230.00	28.00	12.17	1800.00	223.00	12.38	29300	37.00	12.62
	..	250.00	—	—	1893.00	—	—	433.00	—	—
	Total—2—Health ..	1550.00	146.00	9.41	14481.00	1177.00	8.12	2388.00	189.00	7.91
3.	Water Supply, Housing Urban-Development & Sanitation :									
	(a) Water Supply :									
	(i) Urban Water Supply ..	900.00	31.00	3.40	6414.00	200.00	3.11	878.00	40.00	4.55
	(ii) Rural Water Supply ..	3055.00	495.00	16.20	24036.00	4481.00	18.64	4265.00	795.00	18.64
	Sub-Total—(a) ..	3955.00	526.00	13.29	30450.00	4681.00	15.37	5143.00	835.00	16.23
	(b) Sewerage & Sanitation :									
	(i) Sewerage ..	100.00	22.00	22.00	1350.00	1285.00	95.18	75.00	59.00	78.86
	(ii) Rural Sanitation ..	25.00	13.00	52.00	5685.00	1468.00	25.99	725.00	189.00	26.06
	(iii) Low-Cost Sanitation ..	20.00	20.00	100.00	60.00	60.00	100.00	12.00	12.00	100.00
	Sub-Total—(b) ..	145.00	55.00	37.93	7095.00	2823.00	39.78	812.00	260.00	32.01
	(c) Housing :									
	(i) Pooled Government Housing ..	235.00	—	—	4320.00	—	—	617.00	—	—
	(ii) Housing Department ..	180.00	11.00	6.11	963.00	110.00	11.42	200.00	22.00	11.00
	(iii) Rural Housing ..	20.00	10.00	50.00	175.00	87.00	49.71	35.00	18.00	51.42
	Sub-Total—(c) ..	435.00	21.00	4.83	5458.00	197.00	3.60	852.00	40.00	4.69
	(d) Urban Development :									
	(i) Town & Country Planning ..	77.00	—	—	570.00	—	—	95.00	—	—
	(ii) Environmental Improvement of Urban Slums ..	48.00	48.00	100.00	315.00	315.00	100.00	63.00	63.00	100.00
	(iii) G.I.A. to Urban Local bodies ..	107.00	—	—	1088.00	—	—	185.00	—	—
	(iv) Urban Development Authority ..	220.00	—	—	1175.00	—	—	135	—	—
	Sub-Total—(d) ..	452.00	48.00	10.60	3148.00	315.00	10.00	478.00	63.00	13.18
	Total-3—Water Supply, Housing Urban Development & Sanitation ..	4987.00	619.00	12.41	46151.00	8016.00	17.37	7285.00	1198.00	16.44
4.	Information and Publicity ..	105.00	4.00	3.81	678.00	25.00	3.69	123.00	5.00	4.06
5.	Welfare of SCs/STs/OBCs :									
	(a) Welfare of Backward Classes ..	179.00	100.50	56.14	1406.00	826.00	58.75	212.00	118.00	55.66
	(b) SCs/STs Development Corporation ..	40.00	35.00	87.50	250.00	223.00	89.20	45.00	40.00	88.89
	Total-5—Welfare of SCs/STs/OBCs ..	219.00	135.50	61.87	1656.00	1049.00	63.34	257.00	158.00	61.48

T-144

6. Labour and Labour Welfare	50.00	—	—	435.00	—	—	66.00	—	—
7. Social Welfare	208.00	5.00	2.41	1545.00	39.00	2.52	275.00	6.00	2.18
8. Nutrition (SNP including ICDS)	225.00	100.00	44.44	1300.00	775.00	59.61	260.00	115.00	44.23
<b>Total—B—SOCIAL SERVICES:</b>	<b>11718.00</b>	<b>1685.50</b>	<b>14.38</b>	<b>103047.00</b>	<b>16623.00</b>	<b>16.13</b>	<b>16449.00</b>	<b>2525.00</b>	<b>15.35</b>

C--GENERAL SERVICES:

XII. GENERAL SERVICES

1. Stationery and Printing	70.00	—	—	533.00	—	—	95.00	—	—
2. Pooled Non-Residential Govt. Buildings	475.00	—	—	3680.00	—	—	545.00	—	—
3. Others:									
(a) HIPA	40.00	—	—	263.00	—	—	46.00	—	—
(b) Nucleus Budget for Tribal Areas	52.50	—	—	350.00	—	—	70.00	—	—
(c) TDM	7.50	—	—	58.00	—	—	9.00	—	—
(d) Equity for Ex-Servicemen's Corporation	32.00	—	—	330.00	—	—	53.00	—	—
<b>Total—XII GENERAL SERVICES</b>	<b>677.00</b>	<b>—</b>	<b>—</b>	<b>5214.00</b>	<b>—</b>	<b>—</b>	<b>818.00</b>	<b>—</b>	<b>—</b>
<b>GRAND TOTAL (A+B+C)</b>	<b>41009.00</b>	<b>4950.00</b>	<b>12.07</b>	<b>338720.18</b>	<b>42189.00</b>	<b>12.46</b>	<b>53453.78</b>	<b>6645.00</b>	<b>12.43</b>

## SPECIAL COMPONENT PLAN FOR SCHEDULED CASTES

## DRAFT EIGHTH FIVE YEAR PLAN—1992—97 AND ANNUAL PLAN—1992—93—PHYSICAL TARGETS AND ACHIEVEMENTS

Sl.No.	Name of the Programme/Item	Unit	Annual Plan 1991-92		Eighth Plan 1992—97 Proposed Targets	Annual Plan 1992-93 Pro- posed Targets
			Targets	Achievements		
1	2	3	4	5	6	7
<b>A. ECONOMIC SERVICES:</b>						
<b>I. AGRICULTURE AND ALLIED ACTIVITIES:</b>						
<b>1. Crop Husbandry:</b>						
<b>(a) Agriculture:</b>						
<b>(i) Agriculture production:</b>						
	(a) Foodgrains .. .. .	.. 000' MT	230.00	230.00	245.00	232.00
	(b) Potato .. .. .	.. -do-	30.00	30.00	40.00	32.00
	(c) Ginger and vegetables .. .. .	.. -do-	42.00	42.00	42.00	42.00
<b>(ii) Distribution of HYV/improved varieties of cereal seeds:</b>						
	(a) Wheat .. .. .	.. MT	925.00	925.00	1,000.00	1,000.00
	(b) Maize .. .. .	.. MT	925.00	925.00	1,000.00	1,000.00
	(c) Paddy .. .. .	.. MT	925.00	925.00	1,000.00	1,000.00
<b>(iii) Seeds to be covered under HYV/improved varieties:</b>						
	(a) Wheat .. .. .	.. '000 MT	37.00	37.00	37.00	36.00
	(b) Maize .. .. .	.. -do-	9.00	9.00	13.00	8.00
	(c) Paddy .. .. .	.. -do-	11.00	11.00	12.00	10.00
<b>(iv) Distribution of fertilizers:</b>						
	(a) Nitrogen (N) .. .. .	.. '000' MT	3.75	3.75	20.00	4.00
	(b) Phosphatic (P) .. .. .	.. -do-	0.75	0.75	5.00	1.00
	(c) Potassic (K) .. .. .	.. -do-	0.50	0.50	3.00	0.75
	(v) Area of foodcrops including cash crops to be covered under plant protection measures .. .. .	.. '000' Hect.	92.00	92.00	95.00	92.00
	(vi) Insecticides/pesticide to be distributed .. .. .	.. M.T.	30.00	32.00	170.00	32.00
	(vii) No. of demonstrations to be laid on oilseeds and pulses .. .. .	.. No.	7000	7000	4000	11000
	(viii) No. of agricultural implements including plant protection equipments to be distributed .. .. .	.. Nos.	10000	10000	60000	11000
<b>(b) Horticulture:</b>						
	1. Additional area to be brought under fruit plantation .. .. .	.. Hect.	2000	2000	10000	2000
	2. Fruit plants to be produced and distributed to the S. C. farmers .. .. .	.. Lakh No.	5.00	5.00	25.00	5.00
	3. Area to be covered under plant protection programme .. .. .	.. Hect.	7500	7500	37500	7500

4. Area to be sprayed against apple scab disease	..	..	..	..	..	-do-	3500	3500	17500	3500
5. Farmers to be trained under various training camps	..	..	..	..	..	No.	400	400	3060	620
6. Demonstration plots to be laidout	..	..	..	..	..	Nos.	100	100	500	100
7. Development of bee-keeping-Multi-plication bee-keeping-colonies at Govt. bee-keeping centres for distribution to S. C. farmers	..	..	..	..	..	Nos.	100	100	500	100
8. New bulk pasteurised units of compost to be set-up	..	..	..	..	..	Nos.	1	1	1	—
9. New mushroom growing units to be set-up with S. C. farmers (50 TRAY)	..	..	..	..	..	Nos.	20	20	100	20
10. Bee-colonies to be distributed to S. C. farmers on subsidised cost	..	..	..	..	..	Nos.	100	100	500	100
11. Farmers to be benefitted under various schemes	..	..	..	..	..	No.	5000	5000	25000	5000

2. Soil Conservation:

(a) Additional agricultural area to be treated under soil conservation (Agriculture)	..	..	..	..	..	Hect.	550	550	4,000	550
(b) Soil conservation (Forest Department)	..	..	..	..	..	-do-	180	180	1,200	200

3. Animal Husbandry:

(a) Opening of Poly Clinics	..	..	..	..	..	No.	—	—	1	—
(b) Upgradation of vegeterinary dispensaries to veterinary Hospitals	..	..	..	..	..	No.	—	5	15	3
(c) Opening of new veterinary dispensaries	..	..	..	..	..	No.	..	—	20	4

4. Fisheries:

(a) Reverine fishermen assisted	..	..	..	..	..	}	No.	444	444	2,460	218
(b) Trout fishfarmers assisted	..	..	..	..	..						
(c) Reservoir fishermen	..	..	..	..	..						
(d) Assistance to pond fish fishermen	..	..	..	..	..						
(e) Construction of community ponds	..	..	..	..	..						
(f) Construction of landing centres	..	..	..	..	..						

5. Forests:

(a) Quick growing species	..	..	..	..	..	Hect.	300	300	2,500	350
(b) Economic plantation	..	..	..	..	..	-do-	300	300	2,500	350
(c) National Social Forestry Project	..	..	..	..	..	-do-	6,800	6,800	30,000	7,300
(d) Rural Fuel Wood Plantation	..	..	..	..	..	-do-	—	—	—	—
(e) Fuelwood and Fodder Project	..	..	..	..	..	-do-	150	150	1200	200

II. RURAL DEVELOPMENT:

1. IRDP	..	..	..	..	..	No.	4,500	4,500	25,000	3,440
(a) No. of families benefitted	..	..	..	..	..	No.	1,380	1,380	4,000	1,200
(b) No. of Youths trained under TRYSEM	..	..	..	..	..	Nos.	1,380	1,380	4,000	1,200
2. NREP/Jawahar Rozgar Yojana:	..	..	..	..	..	Lakh Mandays	4.64	4.64	20.0	3.0
(a) Employment Generation	..	..	..	..	..	Lakh Mandays	4.64	4.64	20.0	3.0

IV. IRRIGATION AND FOOD CONTROL:

1. Medium Irrigation:	..	..	..	..	..	Hect.	170	170	2,640	250
(a) Area to be irrigated	..	..	..	..	..	Hect.	170	170	2,640	250
2. Minor Irrigation:	..	..	..	..	..	Hect.	60	60	4,500	1,060
(a) Area to be irrigated	..	..	..	..	..	Hect.	60	60	4,500	1,060

1	2	3	4	5	6	7
<b>3. Command Area Development:</b>						
	(i) Finance Commission award	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(ii) World Bank aided Project	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
<b>4. Flood Control : Area to be brought under flood control measures</b>						
<b>V. ENERGY:</b>						
<b>1. Power:</b>						
	(a) Electrification of pre-dominantly SC populated villages	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(b) Providing of single light point to S. C. houses	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
<b>2. Bio-gas Development:</b>						
	(a) Bio-gas plants to be installed	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
<b>VI. INDUSTRY AND MINERALS:</b>						
<b>1. Handloom Sector:</b>						
	(a) Production	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(b) Employment	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
<b>2. Handicraft sector:</b>						
	(a) Production	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(b) Employment	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
<b>3. Khadi and Village Industries within the purview of KVIB:</b>						
	(a) Production	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(b) Employment	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
<b>4. Sericulture:</b>						
	(a) Production of raw silk	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(b) Employment	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
<b>5. District Industries centre:</b>						
	(a) No. of units functioning	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(b) No. of artisans type units	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(c) Employment	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
<b>VII. TRANSPORT:</b>						
<b>1. Roads and Bridges:</b>						
	(a) Motorable roads	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(b) Jeepable	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(c) Cross drainage	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(d) Metalling and Tarring	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(e) Bridges	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	(f) SC pre-dominant villages to be connected by roads	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
<b>XI. SOCIAL SERVICES:</b>						
<b>(a) General and University Education:</b>						
	1. Opening of Primary Schools	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	2. Part-time water carriers in Primary Schools	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	3. Free-text books/book banks	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .
	4. Scholarships to SC girls (IX-XI)	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .

— Intensive electrification of electrified villages and release of service connections.

T-148



5. Antyodaya scheme	..	..	..	..	..	No.	160	160	3000	600
6. Scholarships to SC Girls (VI-VIII)	..	..	..	..	..	No.	9800	9800	54300	10800
<b>(B) Health:</b>										
1. Allopathy:										
(i) Opening of Sub-Centres	..	..	..	..	..	No.	—	—	15	3
(ii) Opening of PHCs.	..	..	..	..	..	No.	—	—	6	1
(iii) Opening of CHCs.	..	..	..	..	..	No.	—	—	3	1
2. Ayurveda:										
(i) Opening of ayurvedic dispensaries in SC concentration areas	..	..	..	..	..	No.	—	—	2	—
(ii) Opening of Homeopathic dispensaries in SC concentration areas	..	..	..	..	..	-do-	—	—	10	2
<b>(c) Water supply housing, Urban Development and Sanitation:</b>										
1. Water Supply (Rural population to be benefitted)	..	..	..	..	..	No. of persons	11,000	11,000	25,708	25,708
2. Rural Sanitation:										
(i) No. of households to be provided with sanitary latrines	..	..	..	..	..	No. of latrines	—	106	45,000	18,000
3. Low-cost sanitation:										
(i) Conversion of dry latrines into handflush ones	..	..	..	..	..	No.	1,500	1,500	2,000	400
4. Housing Department:										
(i) LIGH Scheme	..	..	..	..	..	No.	32	32	270	25
(ii) MIGH Scheme	..	..	..	..	..	No.	30	30	108	18
5. Rural Housing:										
(i) No. of houseless people to be provided with houses (two room tenements)	..	..	..	..	..	No. of houses	—	166	..	..
6. Town and Country Planning:										
(i) Environmental improvement of urban slums	..	..	..	..	..	Slum dwellers	9,145	9,145	70,800	10,475
<b>(d) Welfare of SCs/STs/OBCs:</b>										
<b>(i) Welfare of backward classes:</b>										
1. Technical scholarships	..	..	..	..	..	No. of students	409	409	3,167	470
2. Award for inter-caste marriage	..	..	..	..	..	No. of couples	60	60	700	80
3. Environmental improvement of SC Bastis	..	..	..	..	..	No. of bastis	69	69	550	72
4. Electrification of SC houses	..	..	..	..	..	No. of houses	—	—	—	—
5. Compensation to SC victims of atrocities	..	..	..	..	..	No. of persons	—	—	—	—
6. Proficiency in short hand and typing	..	..	..	..	..	No. of trainees	28	28	223	50
7. Providing of drinking water supply schemes	..	..	..	..	..	No. of schemes	80	80	700	95
8. Housing subsidy	..	..	..	..	..	No. of beneficiaries	1,000	1,000	8,000	1,133
9. Construction of houses for vulnerable groups	..	..	..	..	..	-do-	138	130	425	163
10. Pre-examination coaching centre (HIPA)	..	..	..	..	..	No. of centres	1	1	1	1
11. Economic betterment of SCs	..	..	..	..	..	-do-	800	800	6,000	950
<b>(e) Social Welfare and Nutrition:</b>										
1. Social Welfare:										
(i) Bal waries	..	..	..	..	..	No.	191	191	300	191
2. Special Nutrition Programme:										
(i) SNP including ICDS	..	..	..	..	..	No. of beneficiaries	1,00,000	1,00,000	10,00,000	2,00,000

**DRAFT EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93) — EXTERNALLY AIDED PROJECTS**

*(Rs. in Crore)*

Sl. No.	Name, Nature and Location of the Proj. with project code and Name of E. funding Agency	Date of S'ction/ Date of Commencement of work	Terminal Date of Disbursement of Externally aid	Estimated Cost (i) Original (ii) Revised (Latest) (Rs. in Crore)	Pattern of Funding (a) State share (b) Centre share (c) Other Sources (to be specified)	Expenditure During 7th Plan(1985-90) (a) State Share (b) Centre Share (c) other Sources to be specified)	Provisional Expenditure during A. Plan (1990-91) (a) State share (b) Centre Share (c) other Sources (to be specified)	Anticipated Expenditure During A. Plan (1991-92) (a) State Share (b) Centre Share (c) other Sources	Provision Necessary During the 8th Plan (a) State Share (b) Centre Share (c) Other Sources	Provision for A. Plan (1992-93) (a) State Share (b) Centre Share (c) Other Sources
1	2	3	4	5	6	7	8	9	10	11
<b>1. Agriculture :</b>										
1.	National Agricultural Extension Project—III(T & V) (World Bank)1754—IN—IDA...	1-4-88	1993-94	(a) Original 29.43 (b) Revised 40.41	(a) World Bank 70% (b) State 30%	7.66	5.45	7.50	37.25	12.70
<b>2. Horticulture :</b>										
<b>I. Indo-italian</b>										
	Olive Development Proj. for the Dev. of Olive and other temperate fruits, Code No.-prot-No. 2432	8-8-1984	Phase-I (a) 30-7-87 (b) 31-12-1987 Phase-II (a) 31-12-90 (b) 31-8-93	Phase-I State—0.60 Italian-1.84 State: 1.57 Italian : 4.29	(a) State—24% (b) Central Nil (c) Italian 76%	(a) State-1.02 (b) Central-Nil (c) Italian in kind	(a) State-0.09 (b) Central-Nil (c) Italian in kind	State-0.10	State-1.36	State-0.70
3.	Indo-Dutch Mushroom Development Project Code No. N.A.	24-2-86 1-4-86	(a) 31-3-90 (b) 31-8-91	(a) Original i) State-0.40 ii) Dutch 0.40  Total 0.80 D. Revised (i) State-0.66 (ii) Dutch-N.A.	a) State-50% b) Central-Nil c) Dutch 50%	a) State-0.59 b) Central-Nil c) Dutch-N.A.	a) State-0.07 b) Central-Nil c) Dutch-N.A.	State-0.10	State-0.75	State-0.10
4.	Integrated Horticulture Development Project with World Bank Assistance	—	Under Approval	60.00	—	—	—	0.63	10.50	0.20
<b>3. Fisheries :</b>										
	Indo-Norwegian Trout Farming Project with Assistance from Norway Govt. situated at Patli-kuhal, District Kullu.	a. 29-1-88 b. Sep. 89	1992	(a) 2.26 (b) 2.94	—	(a) 0.64	(a) 1.40 (b) 0.05	(a) 1.70 (b) — (c) —	0.85	0.27

<b>4. Forestry :</b>									
1. National Social Forestry (Umbrella Project) USAID	26-5-85	Original-31-12-90 Revised 31-3-93	a) Original-57.29 b) Revised-65.39	a) IDA-50.9% b) USAID 25.7% c) GOI 23.14%	a) IDA-29.08 b) USAID-14.82 c) GOI-13.11	17.84	22.60	180.00	30.00
Code No. 1611-in IDA-USAID ..									
2. Integrated Water Shed Development Project Kandi Area World Bank-Code-No. 8202 in World Bank Aided.	January, 1990	1997	a) 36.76	(a) World Bank 70% (b) State 30%	—	0.72	1.83	50.00	3.50
3. Indo-German Economic Development Project (Changer Area)	Under Approval		18.71	a) German 70% b) State 30%	—	—	0.21	10.00	0.31
4 O.D. A. Forest Development Project	Under Approval		53.87	ODA 100%	—	—	—	53.87	1.00
<b>6. Irrigation :</b>									
I. Hill Area Land and Water Dev. proj. Code No. H.P. 386-0489—USAID	1985-86		a) 86.90 b) 113.97	39.54	39.72	15.90	20.36	16.30	16.30
<b>7. Technical Education :</b>									
I. World Bank-aided Project for the Modernisation of Poly-technics	—		19.94	a) World Bank 80% b) State 20%	—	—	2.55	23.25	4.83
<b>8. Power :</b>									
I. Nathpa Jhakhri	..	—	b) 355.00	—	13.89	32.54	40.00	100.00	8.00
II. Kol-Dam Project		—	—	—	0.75	0.90	—	—	—
III. Transmission and Distribution	1990-91	—	65.00	—	83.24	1.98	12.10	90.08	15.68
IV. World Bank Larji Project Power	March, 1999	—	a) 168.00 b) 1678.00	—	10.79	9.50	—	—	—
	1988-89	—	—	a) 13% b) 87%	14.64	—	44.00	300.00	50.00
<b>9. Health :</b>									
I. Family Welfare Area Project (IND-Title IND/90 PO 2 UNFPA)	April, 1990	April, 1995	35.29	a) State-10% b) Central-90%	a. State-0.40 b) Central 14.73	0.93	1.23	1.75	1.23
Total 12.13									
<b>10. Urban Development :-</b>									
(i) Integrated Urban Development Project	Under Approval		—	—	—	—	3.65	52.95	3.66
11. E.E.C. Project for Women	..		—	—	—	—	0.02	20.00	0.02

DRAFT EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93) WATER SUPPLY AND SANITATION SECTOR—SCHEME-WISE  
 DETAILS OF URBAN WATER SUPPLY AND SANITATION—FINANCIAL CONTENTS

(Rs. in lakh)

Sl.No.	Name of the Project/Scheme	Scope of the scheme/project	Total estimated cost and funding (agency-wise viz. State budgetary provision, external assistance, L.I.C. Local Body other beneficiaries contribution, etc.)	Time frame		Total likely expenditure upto Annual Plan 1991-92	Proposed outlay for 8th Plan (1992-97) (Agency-wise)	Proposed Annual Plan 1992-93 (Agency-wise)	Physical Cumulative achievement upto end of Annual Plan (1991-92)	Progress Proposed for the Eighth Plan (1992-97)	Progress Proposed for the Annual Plan (1992-93)
				Date of starting	Target of completion		8	9	10	11	12
<b>I. URBAN WATER SUPPLY:</b>											
1.	Aug. of W.S.S. Solan	.. State HUDCO	225.20 202.59	1/84	3/95	78.70	146	50	Work to be in progress.	1	Work to be in progress
		Total ..	427.79				8	3	-do-	1	-do-
2.	Aug. of W.S.S. Rampur	.. State HUDCO	69.08 53.38	12/86	3/95	77.49					
		Total ..	122.46				149	50	-do-	1	-do-
3.	-do- Nahan	.. State HUDCO	242.96 208.93	2/88	3/95	94.06					
		Total ..	451.89								
4.	-do- Hamirpur	State	805.00	3/83	3/97	73.00	732	19	-do-		-do-
5.	-do- R.E.C. Hamirpur	.. "	136.75	9/87	3/97	192.00	55	20	-do-		-do-
6.	-do- Nadaun	.. "	34.88	3/89	3/97	9.00	25	5	-do-	1	-do-
7.	-do- Mandi	.. "	256.70	9/84	3/95	182.50	74	5	-do-	1	-do-
8.	-do- Sundernagar	.. "	100.00	—	3/97	77.93	22	3	-do-	1	-do-
9.	-do- Manali	.. "	201.80	—	3/95	26.16	175	7	-do-	1	-do-

10.	-do-	Palampur	..	—	140.00	—	3/97	19.37	121	5	-do-	1	-do-
11.	-do-	Chamba	..	—	490.00	11/78	3/97	97.63	392	5	-do-	1	-do-
12.	-do-	Dharamshala	..	—	430.00	3/88	3/97	21.60	408	10	-do-	1	-do-
13.	-do-	Una	..	—	26.60		3/97	0.05	27	0.30	To be taken up.	1	To be taken up.
14. Aug. of W.S.S. Shimla:													
(i) Providing stand-by-pump at Chair Pumping station of Shimla W.S.S.													
			..	—	44.89		3/97	39.54	10	2	Work to be in progress.	1	Work to be in progress
(ii) Replacement of existing gravity main from Dhalli to Sanjauli reservoir													
			..	..	105.00		3/95	91.00	14	3	-do-	—	-do-
(iii) Replacement of 1 No. old pump set of Gumma pumping Station													
			..	—	56.58		3/97	8.60	48	2	-do-	—	-do-
(iv) Aug. of Upper gravity-main in water catchment area from stream No. 1 to Dhalli filter													
			..	..	2.50		after 3/97	0.15	2	1	-do-	—	-do-
15.	Aug. to	W.S.S. Parwanoo	..	..	30.00		-do-	—	10	0.10	Work to be taken up	—	Work to be taken up.
16.	-do-	Chawari	..	—	21.50		-do-	—	10	0.10	-do-	—	-do-
17.	-do-	Daulatpur	..	..	45.39		-do-	—	10	0.10	-do-	—	-do-
18.	-do-	Ghumarwin	..	..	42.40		-do-	—	10	0.10	-do-	—	-do-
19.	-do-	Naina-Devi	..	—	2.10		3/97	—	2	0.10	-do-	1	-do-
20.	-do-	Paonta	..	..	481.40		After 3/97	4.00	75	0.20	Work to be in progress.	—	Work to be in progress.
21.	-do-	Sujanpur-Tihra	..	—	45.54	3/89	After 3/97	3.62	15	2	Work to be in progress.	—	Work to be in progress.
22.	-do-	Kullu	..	—	402.13	1/88	-do-	5.15	100	1	-do-	—	-do-
23.	-do-	Kangra	..	—	261.98		-do-	18.83	50	3	-do-	—	-do-
24.	-do-	Nagrota Town	..	—	136.36		-do-	26.88	30	1	-do-	—	-do-
25.	-do-	Dalhousie	..	..	154.72	3/86	-do-	28.77	50	1	-do-	—	-do-
26.	-do-	Theog	..	—	33.42		-do-	—	30	0.10	Work to be taken	—	Work to be taken
27.	-do-	Sarahan	..	..	52.54		-do-	—	15	0.10	-do-	—	-do-
28.	-do-	Bilaspur	..	—	270.00		-do-	—	50	0.10	-do-	—	-do-
29.	-do-	Mehatpur	..	..	142.50		-do-	—	24	0.10	-do-	—	-do-
30.	-do-	Nalagarh	..	..	208.57		-do-	—	20	0.10	-do-	—	-do-
31.	-do-	Jogindernagar	..	..	56.71		-do-	—	6	0.10	-do-	—	-do-
32.	-do-	Bhuntar	..	..	101.72		-do-	—	20	0.10	-do-	—	-do-
33.	-do-	Jawalamukhi	..	—	160.41		-do-	—	25	0.10	-do-	—	-do-
34.	-do-	Nurpur	..	—	215.44		-do-	—	25	0.10	-do-	—	-do-
35.	-do-	Rohru	..	—	42.56		-do-	—	15	0.10	-do-	—	-do-
Total				..	—	6740.23		1176.93	3,000	200	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12
II. SEWERAGE SCHEMES:											
1.	Sewerage scheme to Sarahan Town	..	20.10	88-89	3/97	13.03	7	3	Work to be in progress.	Town PCP 1 596	Work to be in progress.
2.	-do- Manali Town	..	260.00	1988	3/96	37.91	200	12	-do-	1 2301	-do-
3.	-do- Bilaspur	..	120.00	1983	3/97	19.32	100	6	-do-	1 8063	-do-
4.	-do- Palampur	..	80.16	1989	3/95	36.12	44	10	-do-	1 2834	-do-
5.	-do- Peo Township	..	80.00	1989	3/97	25.00	55	6	-do-	1	-do-
6.	-do- Dharamshala Town	..	350.00	1978	3/97	33.58	317	5	-do-	1 14522	-do-
7.	-do- Chamba Town	..	270.00	1979	3/97	60.69	209	5	-do-	1 13761	-do-
8.	-do- Sundernagar	..	350.24	—	After, 1997	6.00	20	1	To be taken up.	—	To be taken-up.
9.	-do- Mandi Town	..	399.24	1988	3/97	73.48	183	5	Work in progress.	—	Work to be in progress.
10.	-do- Rampur Phase-II	..	93.80	1989	-do-	15.25	50	4	-do-	—	-do-
11.	-do- Shimla	..	2715.00	—	-do-	—	10	2	To be taken up.	—	To be taken up.
12.	-do- Solan Town	..	350.00	—	-do-	1.30	20	1	-do-	—	-do-
13.	-do- Kullu	..	371.95	—	-do-	0.50	20	1	-do-	—	-do-
14.	-do- Hamirpur	..	298.20	—	-do-	—	20	1	-do-	—	-do-
15.	-do- Una	..	204.00	—	-do-	—	10	1	-do-	—	-do-
16.	-do- Nahan	..	400.00	—	-do-	—	10	1	-do-	—	-do-
17.	-do- Nurpur	..	177.37	—	-do-	—	10	1	-do-	—	-do-
18.	-do- Keylong	..	150.00	—	-do-	—	10	1	-do-	—	-do-
Total		..	6690.06	—	—	322.18	1,295	66	—	—	—

**DRAFT EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93)—WATER SUPPLY AND SANITATION SECTOR  
PHYSICAL TARGETS AND ACHIEVEMENTS**

Sr. No.	Mode of supply	Total No. of villages covered upto 31-3-1991	Likely villages to be covered during Annual Plan (91-92)	Physical Target/Achievement (No. of revenue Villages and population in lakhs)						Outlay/Expenditure (Rs. in lakh)			
				Total No. of village yet to be covered on 1-4-92		Target for the 8th plan (1992-97)		Target for the Annual Plan 1992-93		Actual expenditure upto Annual Plan 1990-91	Anticipated expenditure during Annual Plan (1991-92)	Proposed outlay For 8th Plan (1992-97)	Proposed Outlay for Annual Plan (1992-93)
				Total	Of which P.Vs.	Total	Of which P.Vs.	Total	Of which P.Vs.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>I. RURAL WATER SUPPLY:</b>													
(i) State Sector Habitation	..	8,556	214	365	—	365	—	365	—	21,353.65	2,855	24,036	4,265
	..	—	—	4,709	—	4,709	—	—	—	—	—	—	—
(ii) Central Sector Habitation	..	7,049	140	483	483	483	483	483	483	8,791.68	642	6,860	3,700
	..	—	—	10,531	10,531	10,531	10,531	—	—	—	—	—	—

**STATEMENT SHOWING EMPLOYMENT (SCHEME-WISE) IN THE ANNUAL PLANS/EIGHTH PLAN WITH THE CORRESPONDING FIGURES OF EXPENDITURE/OUTLAY**

Sl No.	Major Head/Minor Head of Development	Continuing (Regular) Employment (Persons)					Employment (in persons days) in Construction			Expenditure outlay		
		In March 1990 Actual	In March 1991 Actual	In March 1992 Estimated	In March 1993 Estimated	In March 1997 Target	1990-91 Actual	1991-92 Estimated	1992-97 Target	1990-91 Actual	1991-92 Anticipated	1992-97 Estimated
1	2	3	4	5	6	7	8	9	10	11	12	13
<i>(Rs. in lakhs)</i>												
<b>A. ECONOMIC SERVICES :</b>												
<b>I. AGRICULTURE AND ALLIED SERVICES :</b>												
<b>1. Crop Husbandry :</b>												
	(a) Agriculture	899	899	899	1256	1257	836,650	11,86,350	64,22,300	418.09	538.52	3120.42
	(b) Horticulture	486	493	494	916	916	311,600	299,600	23,21,899	228.68	229.04	1522.35
	(c) Dry Land Farming	—	—	—	—	—	22,625	227,25	144,000	4.98	5.00	36.00
	Sub-Total—(1)	1385	1392	1393	2172	2173	11,70,875	15,08,675	88,88,199	651.75	772.56	4678.77
<b>2. Soil And Water Conservation:</b>												
	(a) Agriculture	243	287	262	287	287	262,400	374,950	31,66,800	114.08	144.08	1098.20
	(b) Forest	887	887	887	887	887	993,000	138,400	82,20,000	54.60	63.00	429.00
	Sub-Total—(2)	1130	1174	1149	1174	1174	12,55,400	17,58,950	11,38,6800	168.68	177.08	1527.20
	3. Animal Husbandry	670	670	670	740	1115	5,000	4,000	50,000	150.00	201.70	1430.00
	4. Dairy Development	224	233	339	350	465	—	—	—	61.90	89.72	534.00
	5. Fisheries	57	57	59	123	192	153,000	1,05,255	790,909	21.20	30.59	144.50
	6. Forestry and Wild life	2193	2193	4291	7136	9981	419,521	44,55,000	36,25,000	1279.80	1415.00	13898.00
	7. Marketing and Quality Control :											
	(a) Agriculture	—	—	—	—	—	32,650	50,900	364,800	7.18	11.20	91.20
	(b) Horticulture	2	2	2	40	40	75.00	60.00	46,500	3.17	3.66	28.36
	Sub-Total—(7)	2	2	2	40	40	40.150	56.900	411.300	10.35	14.86	119.56
	8. Co-operation	96	96	105	175	417	—	—	—	71.71	40.50	260.00
	<b>Total (I)</b>	<b>5757</b>	<b>5817</b>	<b>8008</b>	<b>11910</b>	<b>15557</b>	<b>31,11,446</b>	<b>78,88,780</b>	<b>241,52,208</b>	<b>2415.39</b>	<b>2742.01</b>	<b>22742.03</b>



II. RURAL DEVELOPMENT :											
1. Special Programme for Rural Development :											
(a) Integrated Rural Development Programme (I. R. D. P.) ..	—	—	—	—	—	17,037	9500	60000	194.75	298.07	1118.00
(b) Integrated Rural Energy Programme (I. R. E. P) ..	33	35	35	35	40				70.00	80.00	614.00
(c) National Rural Employment Programme (N. R. E. P) Rural Labour Employment Guarantee Programme (RLEGP) Jawahar Rozgar Yojana (JRY) ..	—	—	—	—	—	35,88,000	30,97,000	200,00,000	301.74	374.00	1710.00
Sub-Total—(I) ..	33	35	35	35	40	36,05,037	31,06,500	20,06,000	566.49	752.07	564.00
2. Land Reforms :											
(a) Cadastral Survey and Record of Rights } ..	1205	1205	1205	1205	1205	—	—	—	267.53	380.00	2175.00
(b) Supporting Services } ..											
(c) Consolidation of Holdings ..	616	616	616	616	616	—	—	1350	135.00	153.00	953.45
(d) Strengthening of L. R. A. ..	527	527	527	574	1036	—	—	—	102.00	137.00	971.00
(e) Revenue Housing ..	—	—	—	—	—	30	40	1500	5.00	5.00	50.00
(f) Forest Settlement ..	105	105	105	105	105	—	—	—	34.00	39.00	244.00
Sub-Total—2 ..	2453	2453	2453	2500	2962	36	40	28.50	543.53	714.00	4393.45
3. Community Development ..			—	—	—	119000	104000	83000	46.24	52.45	415.00
4. Panchayats ..	—	—	—	—	—	34540	72730	3,72,730	19.00	40.00	205.00
Total—(II) ..	2486	2488	2488	2535	3002	37,58,600	32,83,270	24,64,580	1175.26	1558.52	8455.45
III. SPECIAL AREA PROGRAMME :											
VI. IRRIGATION AND FLOOD CONTROL PROGRAMME :											
1. Major and Medium Irrigation } ..	24960	24960	33818	42676	76563	17,90,454	26,150,49	12,737,362	2712.45	3328.80	16315.00
2. Minor Irrigation } ..											
3. Command Area Development ..	—	—	—	—	—	44 444	49 328	246911	31.26	46.00	250.00
4. Flood Control ..	4786	4786	5763	6886	14458	24000	76667	20,66 69	307.61	100 00	775 00
Total-(IV) ..	29746	29746	39581	49562	91421	18,58,898	26,91,044	13,19,942	3051.32	3474.80	17340.00

1	2	3	4	5	6	7	8	9	10	11	12	13
<b>V. ENERGY :</b>												
1. Power		20407	18239	18695	186.95	20,564	47,45,000	42 71,960	21,369,800	5850.00	7600.00	41600.00
2. Bio-Gas Development		76	76	76	104	104	96.590	96590	60000	45.40	48.50	337.90
Total-(V)		20 483	18 315	18 771	18 799	20,668	48,415 90	43,68,550	21,429800	5895.40	7648.50	41937.90
<b>VI. INDUSTRY AND MINERALS :</b>												
1. Village and Small Industries		429	429	429	449	550	—	—	—	90.00	100.00	550.00
2. Large and Medium Industries		24	25	25	30	50	—	—	—	7.00	8.00	10.00
3. Mining		33	52	52	60	75	—	—	—	11.00	13.00	15.00
Total—(VI)		486	506	506	539	675	—	—	—	108.00	121.00	575.00
<b>VII. TRANSPORT :</b>												
1. Civil Aviation		11	12	20	20	30	120,000	140 000	250,000	25.00	25.00	125.00
2. Roads and Bridges		200	200	200	200	350	46,39,800	45,04,500	29,57,4000	1147.00	1167.00	7540.00
3. Road Transport		22	22	49	65	81	—	—	—	755.00	890.00	5945.00
4. Other Transport Services : Ropeway/Cableways		—	—	—	—	—	—	7500	90000	2.50	2.00	5.00
Total—(VII)		233	234	269	285	461	47,59,800	46,52,000	29,91,4000	1929.50	2084.00	13615.00
<b>VIII. SCIENCE, TECHNOLOGY AND ENVIRONMENT</b>												
		37	47	53	59	101	—	—	—	—	—	19.00
<b>IX. GENERAL ECONOMIC SERVICES :</b>												
1. Secretariat Economic Services		142	142	142	142	142	—	—	—	68.00	70.00	225.00
2. Tourism		300	350	350	400	1050	—	—	—	215.00	260.00	1500.00
3. Survey and Statistics		46	46	46	50	64	—	—	—	14.00	16.00	95.00
4. Civil Supplies		45	45	45	50	95	—	—	—	24.86	41.88	245.00
5. Weights and Measures		13	13	13	13	13	—	—	—	7.00	8.00	50.00
6. Other General Services : (a) Institutional Finance		—	—	—	—	—	—	—	—	—	—	—
Total-IX		546	596	596	655	1364	—	—	—	328.86	395.88	2115.00
Total—(A) Economic Services		59,774	57,749	70,272	84,344	13,3249	18,33,0334	22,883,644	91,151,530	14903.73	18024.71	106799.38
<b>B. SOCIAL SERVICES :</b>												
<b>X. EDUCATION SPORTS, ART &amp; CULTURE :</b>												
1. General and University Education		9349	9650	11716	12079	13518	1,35,000	1,55,500	22,81,800	2220.10	2489.09	20032.36
2. Technical Education		144	144	192	319	484	338,000	456000	20,78,000	211.06	359.66	1550.00

3. Art and Culture ..	97	97	108	108	108	—	—	—	98.00	105.00	116.00
4. Sports and Youth Services ..	14	14	14	24	24	—	—	—	65.00	71.00	89.00
5. Others :											
(a) Mountaineering and Allied Sports ..	4	5	21	21	21	—	—	—	40.00	45.00	56.00
(b) Gazetteers ..	13	13	13	13	13	—	—	—	7.00	9.00	60.00
Sub-Total—(5) ..	17	18	34	34	34	—	—	—	47.00	54.00	116.00
Total—(X) ..	9621	9923	12064	12456	14168	473000	611500	43,59,800	2641.16	3078.75	21903.36

#### XI. HEALTH :

1. Allopathy ..	6147	6175	7365	8084	9744	99,279	56,7000	2,00,700	1728.16	1070.00	10788.00
2. Ayurveda & Other ISMS ..	724	724	758	798	904	—	—	—	193.07	216.14	1080.70
3. Medical Education ..	16	15	20	35	115	102	118	300	313.35	250.00	1145.00
Total—(XI) ..	6887	6914	8143	8917	10763	99381	5,67,118	2,01,000	2234.58	1536.14	13313.70

#### XII. WATER SUPPLY, HOUSING, URBAN DEVELOPMENT & SANITATION

1. Water Supply, Sewerage & Sanitation :	1096	1096	1096	1096	1096	7,78,865	8,39,000	31,800	3974.61	3715.00	5518.00
2. Housing Including Police Housing :											
(a) Pooled Govt Housing } ..											
(b) Rural Housing } ..	52	52	52	75	75	697290	771750	3950000	294.00	253.60	1580.00
Sub-Total—(1&2) ..	1148	1148	1148	1171	1171	14,76,155	16,10,750	39,81,800	42686.61	3968.60	7198.00
3. Urban Development :											
(a) Town and Country Planning ..	106	106	151	151	151	—	—	—	55.00	77.00	95.00
(b) Environmental Improvement of Urban Slums ..	—	—	—	—	—	—	—	—	—	—	—
(c) Low cost Sanitation } ..											
(d) Urban, Local Bodies } ..	18	18	24	30	38	—	—	18	Nil	Nil	9.00
Sub-Total—(3) ..	124	124	175	181	189	—	—	18	55.00	77.00	104.00
Total-XII ..	1272	1272	1323	1352	1360	1476155	16,10,750	3,98,1800	4323.61	4045.60	7302.00

1	2	3	4	5	6	7	8	9	10	11	12	
XIII. INFORMATION AND PUBLICITY :		98	104	104	106	177	—	—	—	69.73	105.00	123.00
XIV. (a) WELFARE OF SCs/STs/OBCs		24	24	24	40	70	—	—	—	13.60	18.00	22.65
(b) Social Security and Welfare		10	10	10	20	40	—	—	—	1.68	3.03	5.00
XV. LABOUR AND EMPLOYMENT ..		92	85	78	154	203	—	—	—	34.50	31.91	46.11
XVI. SOCIAL WELFARE AND NUTRITION		10	10	10	20	40	—	—	—	1.68	3.03	5.00
Total—(B)	..	18,014	18,342	21,756	23,065	26821	20,48,536	27,89,368	85,42,600	9320.54	8821.46	42720.82
C. GENERAL SERVICES :												
XVII. GENERAL SERVICES :												
1. Stationery and Printing	..	150	150	150	150	150	—	—	—	60.00	70.00	533.00
2. Pooled Non-residential Government Buildings :												
3. Others :												
(a) HIPA	..	21	21	25	25	35	13077	15400	72,303	13.08	15.40	18.46
(b) Nucleus Budget for Tribal Areas	..	—	—	—	—	—	—	—	—	—	—	—
(c) Tribal Development Machinery	..	7	7	7	7	7	—	—	—	7.00	7.50	58.00
Total—(C)	..	178	178	182	182	192	13077	15400	72303	80.08	92.90	609.46
Grand Total (All Sectors (A+B+C))		77,966	76,269	92,210	1,07,591	1,60,262	2,03,91,947 (74696)	2,56,88,412 (94097)	9,97,66,433 (365445)	24304.35	26939.07	150129.66

N. B. Figures in brackets indicate number of person years.

**RURAL COMPONENT—ANNUAL PLAN (1991-92), DRAFT ANNUAL PLAN (1992-93) AND EIGHTH FIVE YEAR PLAN (1992—97)**

(Rs. in lakh)

Sl. No.	Head of Development/ Sub-head/Scheme	Aggregate Approved Outlay	Aggregate Proposed (Outlay)		Rural Component		Eighth Plan (1992-97)	Percentage to total Outlay
		Annual Plan (1991-92)	Annual Plan (1992-93)	Eighth Plan (1992-97)	Approved Annual Plan (1991-92)	Proposed Outlay (1992-93)		
1	2	3	4	5	6	7	8	9
<b>I. Directly Identifiable Outlays:</b>								
<b>By-Location and Benefit :</b>								
1.	Agriculture and Allied activities ..	7496.00	9792.78	67718.68	7496.00	9792.78	67718.68	100
2.	Rural Development ..	1631.00	2009.00	12307.00	1631.00	2009.00	12307.00	100
3.	Special Area Programme	—	—	—	—	—	—	—
4.	Irrigation and Flood Control	3503.00	3464.00	17403.00	3503.00	3464.00	17403.00	100
	Sub-Total (1 to 4) ..	12630.00	15265.78	97428.68	12630.00	15265.78	97428.68	100
5.	Energy:							
	(i) Rural Electrification ..	825.00	910.00	5550.00	825.00	910.00	5550.00	100
	(ii) Bio-Gas ..	85.00	90.00	600.00	85.00	90.00	600.00	100
6.	Village Industries:							
	(i) Khadi and Village Industries..	45.00	50.00	360.00	45.00	50.00	360.00	100
	(ii) Handloom and Handicrafts..	101.00	120.00	840.00	101.00	120.00	840.00	100
	(iii) Sericulture ..	44.00	50.00	300.00	44.00	50.00	300.00	100
	(iv) Tea Industries ..	33.00	40.00	300.00	33.00	40.00	300.00	100
	(v) Other Promotional Activities	486.00	671.00	5400.00	486.00	671.00	5400.00	100
7.	Rural Roads ..	1300.00	1465.00	9150.00	1300.00	1465.00	9150.00	100
8.	Rural Health ..	775.00	914.00	5165.00	775.00	914.00	5165.00	100
9.	Rural Housing ..	20.00	35.00	175.00	20.00	35.00	175.00	100
10.	Rural Sanitation ..	25.00	725.00	5685.00	25.00	725.00	5685.00	100
11.	Rural Water Supply ..	3055.00	4265.00	24036.00	3055.00	4265.00	24036.00	100
	Total—(1 to 11) ..	19424.00	24300.78	152989.68	19424.00	24300.78	152989.68	100
<b>II. Outlays subjected to Apportionment to rural areas by local benefit:</b>								
12.	Energy:							
	(i) Transmission and Distribution ..	1210.00	2268.00	12008.00	363.00	680.40	3602.40	30%
	(ii) Generation ..	5595.00	6930.00	41600.00	1651.00	2079.00	12480.00	30%
	(iii) Others ..	60.00	110.00	959.00	—	—	—	— Based on rural consumption, Agriculture, Rural Indus. and Rural household.
	(iv) Non-Conventional Energy Sources ..	15.00	36.00	223.00	—	—	—	—

1	2	3	4	5	6	7	8	9
13. Industries and Minerals:								
(i) Small Scale Industries and Power Looms	..	—	—	—	—	—	—	—
(ii) Other Industries	..	—	—	—	—	—	—	—
(iii) Large and Medium Inds.	..	450.00	534.00	4769.00	—	—	—	—
(iv) Mining	..	45.00	50.00	600.00	—	—	—	—
(v) Weights and Measures	..	8.00	10.00	60.00	—	—	—	—
14. Transport:								
(i) Civil Aviation		25.00	25.00	125.00	—	—	—	—
(ii) Roads and Bridges (other than MNP)	..	2990.00	3790.00	23510.00	1225.90	1553.90	9639.10	41%
(iii) Road Transport	..	890.00	1189.00	7575.00	801.00	1070.10	6817.50	90%
(iv) Inland Water Transport	..	2.00	6.00	37.00	2.00	6.00	37.00	100%
(v) Ropeways and Cableways	..	25.00	50.00	300.00	25.00	50.00	300.00	100%
(vi) I.M.T. Studies	..	5.00	10.00	50.00	—	—	—	—
15. Telecommunication	..	50.00	92.00	510.00	—	—	—	—
16. Science and Technology:								
(i) Scientific Research including S. & T.	}	55.00	90.00	505.00	49.50	81.00	454.00	90%
(ii) Ecology and Environment								
(iii) Water and Air Pollution and Prevention		20.00	38.00	300.00	—	—	—	—
17. Sectt. Economic Services	..	70.00	75.00	473.00	—	—	—	—
18. Tourism	..	260.00	300.00	2000.00	—	—	—	—
19. Survey and Statistics	..	17.00	21.00	135.00	—	—	—	—
20. Civil Supplies	..	364.00	893.00	4667.00	338.52	830.49	4340.31	93%
21. Institutional Finance	..	6.00	8.00	50.00	—	—	—	—
22. District Planning	..	984.00	1000.00	10000.00	984.00	1000.00	10000.00	100%
23. Social Services:								
1. General Education	..	3600.00	4732.00	30817.0	2916.00	3832.92	24961.77	81%
2. Technical Education	..	544.00	790.00	4220.00	440.64	639.90	3418.20	81%
3. Sports and Youth Services	..	71.00	89.00	582.00	—	—	—	—
4. Art and Culture	..	105.00	116.00	750.00	—	—	—	—
5. Mountaineering and Allied Sports	..	45.00	56.00	365.00	—	—	—	—
6. Gazetteers	..	9.00	12.00	67.00	—	—	—	—
7. Allopathy (other than MNP)	..	295.00	748.00	5623.00	64.90	164.56	1237.06	22%
8. Ayurveda	..	230.00	293.00	1800.00	69.00	87.90	540.00	30%
9. Medical Education	..	250.00	433.00	1893.00	—	—	—	—
10. Housing (excluding Rural Housing)	..	415.00	817.00	5283.00	—	—	—	—
11. Urban Development (excluding Rural Water Supply and Rural Sanitation)	..	452.00	478.00	3148.00	—	—	—	—
12. Urban Water Supply	..	900.00	878.00	6414.00	—	—	—	—
13. Sewerage	..	100.00	75.00	1350.00	—	—	—	—
14. Low Cost Sanitation	..	20.00	12.00	60.00	—	—	—	—

								(Rs. in lakh)	
1	2	3	4	5	6	7	8	9	
<b>Other Social Services:</b>									
15.	Information & Publicity ..	105.00	123.00	678.00	—	—	—	—	
16.	Welfare of Scheduled Castes/Scheduled Tribes/ O.B.Cs ..	219.00	257.00	1656.00	197.10	231.30	1490.40	90%	
17.	Labour & Labour Wel- fare ..	50.00	66.00	435.00	10.00	13.20	87.00	20%	
18.	Social Welfare and Security ..	208.00	275.00	1545.00	145.60	192.50	1081.50	70%	
19.	Nutrition ..	225.00	260.00	1300.00	157.50	182.00	910.00	70%	
20.	Other Developmental Programme:								
	General Services ..	677.00	818.00	5214.00	67.70	81.80	521.40	10%	
Grand Total ..		41000.00	53453.78	338720.18	28932.86	37377.75	236907.82	—	
Percentage to Total ..					70.57%	69.93%	69.94%		

Sl. No.	Head of Development	Seventh Plan 1985—90 Agreed outlay			Seventh Plan (1985—90) Actual Expenditure			Annual Plan 1990-91 Expenditure		
		State	District	Total	State	District	Total	State	District	Total
1	2	3	4	5	6	7	8	9	10	11
<b>A—ECONOMIC SERVICES:</b>										
<b>I AGRICULTURE AND ALLIED SERVICES :</b>										
<b>1. CROP HUSBANDRY :</b>										
	(a) Agriculture ..	242.00	2936.50	3178.50	386.30	2378.00	2764.30	260.60	679.13	939.73
	(b) Horticulture ..	265.44	2119.56	2385.00	547.64	1300.81	1848.45	83.02	473.87	556.89
	(c) Dry Land Farming ..	5.00	135.00	140.00	—	178.27	178.27	—	24.89	24.89
	Sub-Total—(1) ..	512.44	5191.06	5703.50	933.94	3857.08	4791.02	343.62	1177.89	1521.51
<b>2. SOIL AND WATER CONSERVATION :</b>										
	(a) Agriculture ..	45.00	755.00	800.00	78.00	528.35	606.35	15.30	137.31	152.61
	(b) Forests ..	112.50	637.50	750.00	110.00	451.24	561.24	26.29	86.09	112.38
	Sub—Total (2) ..	157.50	1392.50	1550.00	188.00	979.59	1167.59	41.59	223.40	264.99
	3. Animal Husbandry ..	122.20	803.80	926.00	300.67	523.77	824.44	127.45	204.54	331.99
	4. Dairy Development ..	60.00	340.00	400.00	—	290.38	290.38	—	102.01	102.01
	5. Fisheries ..	64.00	336.00	400.00	37.93	291.84	329.77	8.51	122.84	131.35
	6. Forestry & Wild Life ..									
	(a) Forestry ..	1700.00	9984.00	11684.00	1555.77	8902.45	10458.22	236.90	2405.29	2642.19
	(b) Wild Life ..	—	—	—	—	—	—	—	—	—
	Sub-Total—(6) ..	1700.00	9984.00	11684.00	1555.77	8902.45	10458.22	236.90	2405.29	2642.19
	7 Agriculture Research & Education :									
	(a) Agriculture ..	312.00	—	312.00	367.52	—	367.52	131.39	—	131.39
	(b) Horticulture ..	376.00	—	376.00	482.51	—	482.51	138.64	—	138.64
	(c) Animal Husbandry ..	70.00	—	70.00	199.61	—	199.61	83.00	—	83.00
	(d) Forests ..	70.00	—	70.00	214.59	—	214.59	92.54	—	92.54
	(e) Fisheries ..	15.00	—	15.00	18.00	—	18.00	5.00	—	5.00
	Sub-Total (7) ..	843.00	—	843.00	1282.23	—	1282.23	450.57	—	450.57



Sl. No.	Head of Dev.	Annual Plan (1991-92) Approved outlay			Annual Plan (1991-92) Anticipated Expenditure			Eighth Plan (1992-97) Proposed outlay			Annual Plan (1992-93) Proposed outlay		
		State	District	Total	State	District	Total	State	District	Total	State	District	Total
1	2	12	13	14	15	16	17	18	19	20	21	22	23
<b>A—ECONOMIC SERVICES:</b>													
<b>I. AGR. AND ALLIED SERVICES :</b>													
<b>1. Crop Husbandry:</b>													
	(a) Agriculture ..	394.19	884.81	1279.00	394.19	884.81	1279.00	849.50	8451.75	9301.25	138.00	1519.25	1657.25
	(b) Horticulture ..	163.72	532.28	696.00	163.72	532.28	696.00	1752.00	2870.00	4622.00	266.00	710.00	976.00
	(c) Dry Land Farming ..	8.20	16.80	25.00	8.20	16.80	25.00	54.00	126.00	180.00	9.00	21.00	30.00
	Sub-Total (1) ..	566.11	1433.89	2000.00	566.11	1433.89	2000.00	2655.50	11447.75	14103.25	413.00	2250.25	2663.25
<b>2 SOIL AND WATER CONSERVATION :</b>													
	(a) Agriculture ..	36.66	183.34	220.00	36.66	183.34	220.00	140.00	1967.25	2107.25	25.00	328.25	353.25
	(b) Forests ..	30.00	110.00	140.00	30.00	110.00	140.00	200.00	900.00	1100.00	33.00	127.00	160.00
	Sub-Total (2) ..	66.66	293.34	360.00	66.66	293.34	360.00	340.00	2867.25	3207.25	58.00	455.25	513.25
	3. Animal Husbandry ..	62.75	219.25	282.00	62.75	219.25	282.00	483.70	2214.30	2698.00	68.05	301.95	370.00
	4. Dairy Development ..	—	105.00	105.00	—	105.00	105.00	—	667.00	667.00	—	114.00	114.00
	5. Fisheries ..	13.46	126.54	140.00	13.46	126.54	140.00	136.50	863.50	1000.00	15.15	144.85	160.00
	6. Forestry & Wild life												
	(a) Forestry ..	288.00	2972.00	3260.00	288.00	2972.00	3260.00	5080.00	30556.00	35636.00	442.00	4103.00	4545.00
	(b) Wild life ..												
	Sub-Total—(6) ..	288.00	2972.00	3260.00	288.00	2972.00	3260.00	5080.00	30556.00	35636.00	442.00	4103.00	4545.00
	7. Agriculture Research & Education												
	(a) Agriculture ..	151.00	—	151.00	151.00	—	151.00	1174.00	—	1174.00	174.00	—	174.00
	(b) Horticulture ..	140.00	—	140.00	140.00	—	140.00	1325.00	—	1325.00	200.00	—	200.00
	(c) Animal Husbandry ..	98.00	—	98.00	98.00	—	98.00	779.00	—	779.00	113.00	—	113.00
	(d) Forests ..	105.00	—	105.00	105.00	—	105.00	817.00	—	817.00	127.00	—	127.00
	(e) Fisheries ..	6.00	—	6.00	6.00	—	6.00	46.55	—	46.55	6.90	—	6.90
	Sub-Total (7) ..	500.00	—	500.00	500.00	—	500.00	4141.55	—	4141.55	620.90	—	620.90

1	2	3	4	5	6	7	8	9	10	11
8.	Investment in Agriculture Financial Institutions :									
(a)	Agriculture ..	35.00	—	35.00	29.00	—	29.00	10.00	—	10.00
(b)	Horticulture ..	540.00	—	540.00	1755.24	—	1755.24	323.00	—	323.00
	Sub-Total—(8)	575.00	—	575.00	1784.24	—	1784.24	333.00	—	333.00
9.	Marketing & Quality Control									
(a)	Agriculture ..	45.00	7.50	52.50	93.16	10.75	103.91	22.00	0.45	22.45
(b)	Horticulture ..	203.00	—	203.00	4070.09	—	4070.09	757.80	—	757.80
	Sub-Total—(9)	248.00	7.50	255.50	4163.25	10.75	4174.00	779.80	0.45	780.25
10.	Loans to Culti- vators other than Horticulture Loans ..	25.00	—	25.00	5.00	—	5.00	1.00	—	1.00
11.	Co-operation ..	200.00	500.00	700.00	228.80	664.48	893.28	85.26	316.22	402.08
	Total—(I)	4507.14	18554.86	23062.00	10479.83	15520.34	26000.17	2407.70	4553.24	6960.94
II. RURAL DEVELOPMENT :										
1.	Special Programme for Rural Develop- ment :									
(a)	Integrated Rural Development Programme (IRDP)	43.07	680.93	724.00	—	1196.14	1196.14	—	194.75	194.75
(b)	Antyodaya									
(c)	Integrated Rural Energy Prog- ramme (IRDP) ..	75.00	200.00	275.00	58.00	175.63	233.63	10.10	59.90	70.00
	Sub-Total—(1)	118.07	880.93	999.00	58.00	1371.77	1429.77	10.10	254.65	264.75
2.	Special Employ- ment Programme (NREP) ..	71.00	619.00	690.00	—	792.16	792.16	—	301.74	301.74
3.	J.R.Y. ..	—	—	—	—	228.55	228.55	—	—	—
	Sub-Total (2 & 3)	71.00	619.00	690.00	—	1020.71	1020.71	—	301.74	301.74

(Rs. in lakh)

1	2	12	13	14	15	16	17	18	19	20	21	22	23
8. Investment in Agriculture Financial Institutions:													
(a) Agriculture ..	10.00	—	10.00	10.00	—	10.00	50.00	—	50.00	10.00	—	10.00	
(b) Horticulture ..	123.00	—	123.00	123.00	—	123.00	189.00	—	189.00	45.00	—	45.00	
Sub-Total—(8) ..	133.00	—	133.00	133.00	—	133.00	239.00	—	239.00	55.00	—	55.00	
9. Marketing & Quality Control :													
(a) Agriculture ..	23.65	11.35	35.00	23.65	11.35	35.00	250.00	35.00	285.00	50.00	5.00	55.00	
(b) Horticulture ..	465.00	—	465.00	465.00	—	465.00	4103.13	—	4103.13	325.38	—	325.38	
Sub-total—(9) ..	488.65	11.35	500.00	488.65	11.35	500.00	4353.13	35.00	4388.13	375.38	5.00	380.38	
10. Loans to Cultivators other than Horticulture Loans ..	1.00	—	1.00	1.00	—	1.00	6.00	—	6.00	1.00	—	1.00	
11. Co-operation ..	104.00	111.00	215.00	104.00	111.00	215.00	400.00	1307.00	1707.00	75.00	295.00	370.00	
Total—(I) ..	2223.63	5272.37	7496.00	2223.63	5272.37	7496.00	17835.38	49957.80	67793.18	7669.30	2123.48	9792.78	

## II. RURAL DEVELOPMENT :

### 1. Special Programme for Rural Development :

(a) Integrated Rural Dev. Programme (IRDP)	}	19.50	240.50	260.00	19.50	240.50	260.00	103.00	1015.00	1118.00	—	180.00	180.00
(b) Antyodaya									600.00	600.00	—	100.00	100.00
(c) Integrated Rural Energy Programme (IREP)		12.00	68.00	80.00	12.00	68.00	80.00	85.00	529.00	614.00	16.00	88.00	104.00
Sub-Total :—(1) ..		31.50	308.50	340.00	31.50	308.50	340.00	188.00	2144.00	2332.00	16.00	368.00	384.00

### 2. Special Employment Programme (NREP) ..

3. J.R.Y ..	—	246.00	246.00	—	246.00	246.00	—	2000.00	2000.00	—	300.00	300.00
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Sub-Total (2 & 3) ..	—	500.00	500.00	—	500.00	500.00	—	3710.00	3710.00	—	580.00	580.00
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1	2	3	4	5	6	7	8	9	10	11
<b>3. LAND REFORMS:</b>										
(a) Cadastral Survey and Record of Rights ..	670.00	—	670.00	955.48	—	955.48	267.53	—	267.53	
(b) Supporting Services ..	5.00	—	5.00	4.50	—	4.50	1.00	—	1.00	
(c) Consolidation of Holdings ..	425.00	—	425.00	521.58	—	521.58	153.00	—	153.00	
(d) Strengthening of L.R.A. ....	7.60	102.40	110.00	9.05	223.61	232.66	1.65	119.08	120.73	
(e) Revenue Housing ..	—	75.00	75.00	—	39.15	39.15	—	5.00	5.00	
(f) Forest Settlement ..	80.00	—	80.00	117.35	—	117.35	30.92	—	30.92	
Sub-Total—3 ..	1187.60	177.40	1365.00	1607.96	262.76	1870.72	454.10	124.08	578.18	
4. Community Development ..	332.75	102.25	435.00	130.31	272.48	402.79	43.40	48.52	91.92	
5. Panchayats ..	—	140.00	140.00	—	194.63	194.93	—	68.64	68.64	
Total—II ..	1709.42	1919.58	3629.00	1796.27	3122.65	4918.92	507.60	797.63	1305.23	
<b>III SPECIAL AREA PROGRAMME:</b>										
<b>IV. IRRIGATION AND FLOOD CONTROL:</b>										
1. Major and Medium Irrigation	340.00	1010.00	1350.00	223.45	690.42	913.87	89.42	194.63	284.05	
2. Minor Irrigation (IPH) ..	1602.00	3723.00	5325.00	1508.27	4290.68	5798.95	425.15	1623.24	2048.39	
3. Minor Irrigation (RDD) ..	—	75.00	75.00	—	—	—	—	21.44	21.44	
4. Command Area Development	82.00	218.00	300.00	33.20	88.27	121.47	6.61	35.95	42.56	
5. Flood Control ..	90.00	310.00	400.00	42.30	265.31	307.61	8.76	70.07	78.83	
Total—IV ..	2114.00	5336.00	7450.00	1807.22	5334.68	7141.90	529.94	1945.33	2475.27	
<b>V. ENERGY:</b>										
<b>1. POWER:</b>										
<b>A. GENERATION:</b>										
Total Generation—A ..	15423.00	—	15423.00	19511.08	—	19511.08	4801.44	—	4801.44	
Total Generation—A ..	15423.00	—	15423.00	19511.08	—	19511.08	4801.44	—	4801.44	

1	2	12	13	14	15	16	17	18	19	20	21	22	23
<b>3. Land Reforms</b>													
(a) Cadastral Survey and Record of Rights ..	276.00	—	276.00	276.00	—	276.00	2167.00	—	2167.00	341.00	—	341.00	
(b) Supporting Services ..	1.00	—	1.00	1.00	—	1.00	8.00	—	8.00	1.00	—	1.00	
(c) Consolidation of Holding ..	153.00	—	153.00	153.00	—	153.00	1350.00	—	1350.00	220.00	—	220.00	
(e) Strengthening of L.R.A. ..	3.57	98.43	102.00	3.57	98.43	102.00	20.00	951.00	971.00	4.00	151.00	155.00	
(e) Revenue Housing ..	—	5.00	5.00	—	5.00	5.00	—	50.00	50.00	—	10.00	10.00	
(f) Forest Settlement ..	34.00	—	34.00	34.00	—	34.00	244.00	—	244.00	39.00	—	39.00	
Sub-Total—(3) ..	467.57	103.43	571.00	467.57	103.43	571.00	3789.00	1001.00	4790.00	605.00	161.00	766.00	
4. Community Development ..	64.00	63.00	127.00	64.00	63.00	127.00	305.00	410.00	715.00	58.00	86.00	144.00	
5. Panchayats ..	—	93.00	93.00	—	93.00	93.00	—	760.00	760.00	—	135.00	135.00	
Total —II ..	563.07	1067.93	1631.00	563.07	1067.93	1631.00	4282.00	8025.00	12307.00	679.00	1330.00	2009.00	
<b>III. SPECIAL AREA PROGRAMME:</b>													
<b>IV. IRRIGATION AND FLOOD CONTROL:</b>													
1. Major & Medium Irrigation ..	90.30	216.70	307.00	90.30	216.70	307.00	742.00	686.00	2428.00	72.00	162.00	234.00	
2. Minor Irrigation (IPH) ..	785.00	2240.00	3025.00	785.00	2240.00	3025.00	2500.00	11250.0	13750.00	600.00	2425.00	3025.00	
3. Minor Irrigation (RDD) ..	—	25.00	25.00	—	25.00	25.00	—	200.00	200.00	—	40.00	40.00	
4. Command Area Dev. ..	9.10	36.90	46.00	9.10	36.90	46.00	50.00	200.00	250.00	9.00	41.00	50.00	
5. Flood Control ..	12.00	88.00	100.00	12.00	88.00	100.00	120.00	655.00	775.00	17.00	98.00	115.00	
Total —IV ..	896.40	2606.60	3503.00	896.40	2606.60	3503.00	3412.00	13991.00	17403.00	698.00	2766.00	3464.00	
<b>V. ENERGY :</b>													
<b>1. Power</b>													
A. GENERATION:	5505.00	—	5505.00	5505.00	—	5505.00	41600.00	—	41600.00	6930.00	—	6930.00	
Total—Generation—A ..	5505.50	—	5505.00	5505.00	—	5505.00	41600.00	—	41600.00	6930.00	—	6930.00	

1	2	3	4	5	6	7	8	9	10	11
<b>B. TRANSMISSION &amp; DISTRIBUTION:</b>										
(a) World Bank T & D Project	..	—	—	—	—	—	—	—	—	—
(b) State T and D	..	—	—	—	—	—	—	—	—	—
Sub-Total—B	..	6400.00	—	6400.00	8324.63	—	8324.63	950.20	—	950.20
<b>C. RURAL ELECTRIFICATION:</b>										
(a) State Plan	..	—	—	—	200.68	—	200.68	36.93	—	36.93
(b) REC Funded Scheme	..	—	—	—	5742.28	—	5742.28	745.52	—	745.52
(c) System Improvement	..	—	—	—	—	—	—	139.70	—	139.70
Sub-Total (C)	..	3638.00	—	3638.00	5942.96	—	5942.96	922.15	—	922.15
(d) Survey and Investigation	..	—	—	—	320.80	—	320.80	60.93	—	60.93
(e) Board & Buildings	..	550.00	—	550.00	261.31	—	261.31	5.58	—	5.58
(f) Renovation and Modernisation of power Houses	..	—	—	—	386.83	—	386.83	(—)18.72	—	(—)18.72
Sub-Total—(1) Power	..	26011.00	—	26011.00	34747.61	—	34747.61	6721.58	—	6721.58
2. Bio-Gas Development	..	25.00	425.00	450.00	16.78	374.37	391.15	6.27	78.73	85.00
3. Non-Conventional Energy Sources Development of New and Renew- able Sources of Energy	..	25.00	—	25.00	37.00	—	37.00	5.00	—	5.00
Total—V	..	26061.00	425.00	26486.00	34801.39	374.37	35175.76	6732.85	78.73	6811.58
<b>VI. INDUSTRIES AND MINERALS:</b>										
1. Village and Small Industries	..	405.00	625.00	1030.00	597.58	680.10	1277.68	168.13	235.75	403.88
2. Large and Medium Industries	..	1296.00	165.00	1461.00	2724.21	140.83	2865.04	636.45	35.28	671.73
3. Mining	..	150.00	—	150.00	100.59	—	100.59	31.00	—	31.00

1	2	12	13	14	15	16	17	18	19	20	21	22	23
<b>B. TRANSMISSION &amp; DISTRIBUTION:</b>													
(a) World Bank T.&D. Project..													1568.00
(b) State T.&D.													700.00
Sub-Total—IB ..		1210.00	—	1210.00	1210.00	—	1210.00	12008.00	—	12008.00	2268.00	—	2268.00
<b>C. RURAL ELECTRIFICATION:</b>													
(a) State Plan		25.00	—	25.00	25.00	—	25.00	200.00	—	200.00	30.00	—	30.00
(b) REC Funded Scheme ..		800.00	—	800.00	800.00	—	800.00	3850.00	—	3850.00	580.00	—	580.00
(c) System Improvement ..		—	—	—	—	—	—	1500.00	—	1500.00	300.00	—	300.00
Sub-Total—(C) ..		825.00	—	825.00	825.00	—	825.00	5550.00	—	5550.00	910.00	—	910.00
(d) Survey & Investigation		40.00	—	40.00	40.00	—	40.00	250.00	—	250.00	50.00	—	50.00
(e) Board & Buildings ..		10.00	—	10.00	10.00	—	10.00	100.00	—	100.00	20.00	—	20.00
(f) Renovation & Modernisation of Power Houses ..		10.00	—	10.00	10.00	—	10.00	609.00	—	609.00	40.00	—	40.00
Sub-Total —(1) Power ..		—	—	7600.00	—	—	—	60117.00	—	60117.00	10218.00	—	10218.00
2. Bio-Gas & Development		8.03	76.97	85.00	8.03	76.97	85.00	80.00	520.00	600.00	10.00	80.00	90.00
3. Non-Conventional Energy Sources—Dev. of New & Renewable Sources of Energy		15.00	—	15.00	15.00	—	15.00	223.00	—	223.00	36.00	—	36.00
Total—V ..		7623.03	76.97	7700.00	7623.03	76.97	7700.00	60420.00	520.00	60940.00	10264.00	80.00	10344.00
<b>VI. INDUSTRIES &amp; MINERALS:</b>													
1. Village & Small Industries ..		427.00	282.00	709.00	427.00	282.00	709.00	4490.00	2710.00	7200.00	539.00	392.00	931.00
2. Large & Medium Industries ..		410.00	40.00	450.00	410.00	40.00	450.00	3894.00	875.00	4769.00	478.00	56.00	534.00
3. Mining ..		45.00	—	45.00	45.00	—	45.00	600.00	—	600.00	50.00	—	50.00

1	2	3	4	5	6	7	8	9	10	11
4. Weight and Measures ..		8.88	7.12	16.00	18.70	—	18.70	5.54	—	5.54
Total—VI ..		1859.88	797.12	2657.00	3441.08	820.93	4262.01	841.12	271.03	1112.15
<b>VII. TRANSPORT:</b>										
1. Civil Aviation Helipads and Helicopter Organisation ..		370.00	430.00	800.00	755.50	—	755.50	37.02	—	37.02
2. Roads and Bridges ..		12725.00	—	12725.00	15871.16	—	15871.16	4218.00	—	4218.00
3. Road Transport ..		2325.00	—	2325.00	2908.28	—	2908.28	742.04	—	742.04
4. Inland Water Transport ..		50.00	—	50.00	22.23	—	22.23	1.44	—	1.44
5. Other Transport Services. ..		—	—	—	—	—	—	—	—	—
(a) Ropeways/Cableways ..		475.00	—	475.00	17.97	—	17.97	—	—	—
(b) Tele-Communication ..		10.00	—	10.00	—	—	—	51.78	—	51.78
(c) I.M.T. Studies ..		65.00	—	65.00	2.31	—	2.31	—	—	—
Sub-Total—5 ..		550.00	—	550.00	20.28	—	20.28	—	—	—
Total—VII ..		16020.00	430.00	16450.00	19577.45	—	19577.45	5050.28	—	5050.28
<b>VIII. Science, Technology and Environment:</b>										
1. Scientific Research including S&T ..		75.00	—	75.00	63.68	—	63.68	21.00	—	21.00
2. Ecology and Environment ..		25.00	—	25.00	—	—	—	—	—	—
3. Water and Air Pollution Prevention ..		25.00	—	25.00	27.75	—	27.75	15.00	—	15.00
Total—VIII ..		125.00	—	125.00	91.43	—	91.43	36.00	—	36.00
<b>IX. GENERAL ECONOMIC SERVICES:</b>										
1. Secretariat Economic Services ..		50.00	—	50.00	196.66	—	196.66	61.71	—	61.71
2. Excise and Taxation ..		—	—	—	—	—	—	—	—	—
3. Tourism ..		800.00	—	800.00	636.67	—	636.67	226.05	—	226.05
4. Survey and Statistics ..		5.00	23.00	28.00	—	44.14	44.14	—	15.00	15.00
5. Civil Supplies ..		63.00	232.00	295.00	71.04	194.28	165.32	14.58	519.58	534.16
6. Other General Services:										
(a) Institutional Finance ..		31.0	—	31.00	23.92	—	23.92	3.00	—	3.00
(b) District Planning ..		—	500.00	500.00	—	1215.00	1215.30	—	655.82	655.82
Sub-Total—(6) ..		31.00	500.00	531.00	23.92	1215.30	1239.22	3.00	655.82	658.82
Total—IX ..		949.00	755.00	1704.00	928.29	1453.72	2382.01	305.34	1190.40	1495.74
Total—(A)—Economic Services ..		53344.44	28217.56	81563.00	72922.96	26626.69	99549.65	16410.83	8836.36	25247.19



1	2	12	13	14	15	16	17	18	19	20	21	22	23
4. Weights & Measures	8.00	—	8.00	8.00	—	8.00	60.00	—	60.00	10.00	—	10.00	
Total—(VI)	890.00	322.00	1212.00	890.00	322.00	1212.00	9044.00	3585.00	12629.00	1077.00	448.00	1525.00	
<b>VII. TRANSPORT:</b>													
1. Civil Aviation (Helipads and Helicopter Organisation)	25.00	—	25.00	25.00	—	25.00	125.00	—	125.00	25.00	—	25.00	
2. Roads & Bridges	4290.00	—	4290.00	4290.00	—	4290.00	32660.00	—	32660.00	5255.00	—	5255.00	
3. Road Transport	890.00	—	890.00	890.00	—	890.00	7575.00	—	7575.00	1189.00	—	1189.00	
4. Inland Water Transport	2.00	—	2.00	2.00	—	2.00	37.00	—	37.00	6.00	—	6.00	
5. Other Transport Services:													
(a) Ropeways/Cableways	25.00	—	25.00	25.00	—	25.00	300.00	—	300.00	50.00	—	50.00	
(b) Tele-Communication	50.00	—	50.00	50.00	—	50.00	510.00	—	510.00	92.00	—	92.00	
(c) I.M.T. Studies	5.00	—	5.00	5.00	—	5.00	50.00	—	50.00	10.00	—	10.00	
Sub-total—(5)	80.00	—	80.00	80.00	—	80.00	860.00	—	860.00	152.00	—	152.00	
Total—VII	5287.00	—	5287.00	5287.00	—	5287.00	41257.00	—	41257.00	6627.00	—	6627.00	
<b>VIII. SCIENCE, TECHNOLOGY &amp; ENVIRONMENT:</b>													
1. Scientific Research including S.&T.	50.00	—	50.00	50.00	—	50.00	430.00	—	430.00	80.00	—	80.00	
2. Ecology & Environment	5.00	—	5.00	5.00	—	5.00	75.00	—	75.00	10.00	—	10.00	
3. Water & Air Pollution Prevention	20.00	—	20.00	20.00	—	20.00	300.00	—	300.00	38.00	—	38.00	
Total—VIII	75.00	—	75.00	75.00	—	75.00	805.00	—	805.00	128.00	—	128.00	
<b>IX. GENERAL ECONOMIC SERVICES:</b>													
1. Secretariat Economics and Statics	66.00	—	66.00	66.00	—	66.00	413.00	—	413.00	67.00	—	67.00	
2. Excise & Taxation	4.00	—	4.00	4.00	—	4.00	60.00	—	60.00	8.00	—	8.00	
3. Tourism	260.00	—	260.00	260.00	—	260.00	2000.00	—	2000.00	300.00	—	300.00	
4. Survey & Statistics	—	17.00	17.00	—	17.00	17.00	—	135.00	135.00	—	21.00	21.00	
5. Civil Supplies	19.12	344.88	364.00	19.12	344.88	364.00	239.00	4428.00	4667.00	26.00	867.00	893.00	
6. Other General Services:													
(a) Institutional Finance	6.00	—	6.00	6.00	—	6.00	50.00	—	50.00	8.00	—	8.00	
(b) District Planning	—	984.00	984.00	—	984.00	984.00	—	10000.00	10000.00	—	1000.00	1000.00	
Sub-total—(6)	6.00	984.00	990.00	6.00	984.00	990.00	50.00	10000.00	10050.00	8.00	1000.00	1008.00	
Total—IX	355.12	1345.88	1701.00	355.12	1345.88	1701.00	2762.00	14563.00	17325.00	409.00	1888.00	2297.00	
Total—(A)—Economic Services	17913.25	10691.75	28605.00	17913.15	10691.75	28605.00	139817.38	90641.80	230459.18	27551.30	8635.48	36186.78	

1	2	3	4	5	6	7	8	9	10	11
<b>B. SOCIAL SERVICES:</b>										
<b>X. EDUCATION, SPORTS, ART AND CULTURE:</b>										
1. Primary Education	..	26.00	944.90	970.90	50.10	1569.35	1619.45	13.00	506.60	519.60
2. General and University Education	..	203.90	3925.20	4129.10	203.79	5761.85	5965.64	82.09	2688.87	2770.96
3. Technical Education	..	25.00	575.00	600.00	36.00	1132.61	1168.61	22.09	329.23	351.32
4. Art and Culture	..	300.00	—	300.00	459.00	52.09	512.04	61.63	27.94	89.57
5. Sports and Youth Services	..	211.30	188.70	400.00	73.70	347.38	421.08	17.76	59.38	77.14
<b>6. Others:</b>										
(a) Mountaineering and Allied Sports	..	100.00	—	100.00	116.81	—	116.81	39.37	—	39.37
(b) Gazetteers	..	20.00	—	20.00	19.11	—	19.11	5.46	—	5.46
Sub-total—(6)	..	120.00	—	120.00	135.92	—	135.92	44.83	—	44.83
Total—X	..	886.20	5633.80	6520.00	959.46	8863.28	9822.74	241.40	3612.02	3853.42
<b>XI. HEALTH:</b>										
1. Allopathy	..	390.20	1384.80	1775.00	334.26	2860.69	3194.95	82.49	873.03	955.52
2. Ayurveda and other ISMS	..	151.00	99.00	250.00	97.90	324.38	422.28	59.02	145.25	204.27
3. Medical Education	..	600.00	—	600.00	729.63	—	729.63	313.35	—	313.35
Total—XI	..	1141.20	1483.80	2625.00	1161.79	3185.07	4346.86	454.86	1018.28	1473.14
<b>1. XII. Water Supply:</b>										
(a) Urban Water Supply	..	170.00	380.00	550.00	125.88	575.62	701.50	323.75	160.49	484.24
(b) Rural Water Supply	..	3540.00	4160.00	7700.00	3455.23	4630.31	8085.54	2258.28	1192.06	3450.34
Total—XII	..	3710.00	4540.00	8250.00	3581.11	5205.93	8787.04	2582.03	1352.55	3934.58
<b>2. Sewerage and Sanitation:</b>										
(a) Sewerage	..	45.00	155.00	200.00	—	114.47	114.47	1.01	39.02	40.03
(b) Rural Sanitation	..	—	50.00	50.00	—	177.36	177.36	—	20.00	20.00
(c) Low Cost Sanitation	..	—	125.00	125.00	—	92.47	92.47	—	15.00	15.00
Sub-Total—(2)	..	45.00	330.00	375.00	—	384.30	384.30	1.01	74.02	75.03

1	2	12	13	14	15	16	17	18	19	20	21	22	23
<b>B. SOCIAL SERVICES:</b>													
<b>X. EDUCATION, SPORTS, ART, AND CULTURE:</b>													
1. Primary Education..		18.00	610.00	628.00	18.00	610.00	628.00	100.00	6190.00	6290.00	18.00	926.00	944.00
2. General & University Education ..		91.56	2880.44	2972.00	91.56	2880.44	2972.00	611.36	23915.64	24527.00	138.82	3649.18	3788.00
3. Technical Education ..		59.15	484.85	544.00	59.15	484.85	544.00	423.33	3796.67	4220.00	81.79	708.21	790.00
4. Art & Culture ..		72.00	33.00	105.00	72.00	33.00	105.00	540.00	210.00	750.00	82.00	34.00	116.00
5. Sports & Youth Services ..		17.58	53.42	71.00	17.58	53.42	71.00	120.50	461.50	582.00	20.38	68.62	89.00
6. Others:													
(a) Mountaineering & Allied Sports ..		45.00	—	45.00	45.00	—	45.00	365.00	—	365.00	56.00	—	56.00
(b) Gazetteers ..		9.00	—	9.00	9.00	—	9.00	67.00	—	67.00	12.00	—	12.00
Sub-Total—(6) ..		54.00	—	54.00	54.00	—	54.00	432.00	—	432.00	68.00	—	68.00
Total—X ..		312.29	4061.71	4374.00	312.29	4061.71	4374.00	2227.19	34573.81	36801.00	408.99	5386.01	5795.00
<b>XI. HEALTH :</b>													
1. Allopathy ..		82.21	987.79	1070.00	82.21	987.79	1070.00	7395.00	3393.00	10788.00	1277.20	384.80	1662.00
2. Ayurveda & Other ISMS ..		20.00	210.00	230.00	20.00	210.00	230.00	372.50	1427.50	1800.00	72.00	221.00	293.00
3. Medical Education ..		250.00	—	250.00	250.00	—	250.00	1893.00	—	1893.00	433.00	—	433.00
Total—XI ..		352.21	1197.79	1550.00	352.21	1197.79	1550.00	9660.50	4820.50	14481.00	1792.20	605.80	2388.000
<b>XII. WATER SUPPLY</b>													
(a) Urban Water Supply ..		778.00	122.00	900.00	778.00	122.00	900.00	3414.00	3000.00	6414.00	678.00	200.00	878.00
(b) Rural Water Supply ..		1326.00	1729.00	3055.00	1326.00	1729.00	3055.00	9011.00	15025.00	24036.00	1465.00	2800.00	4265.00
Total—XII ..		2104.00	1851.00	3955.00	2104.00	1851.00	3955.00	12425.00	18025.00	30450.00	2143.00	3000.00	5143.00
<b>2. Sewerage &amp; Sanitation:</b>													
(a) Sewerage ..		8.00	9200.00	100.00	8.00	92.00	100.00	55.00	1295.00	1350.00	9.00	66.00	75.00
(b) Rural Sanitation ..		—	25.00	25.00	—	25.00	25.00	—	5685.00	5685.00	—	725.00	725.00
(c) Low Cost Sanitation ..		—	20.00	20.00	—	20.00	20.00	—	60.00	60.00	—	12.00	12.00
Sub-Total—(2) ..		8.00	137.00	145.00	8.00	137.00	145.00	55.00	7040.00	7095.00	9.00	803.00	812.00

1	2	3	4	5	6	7	8	9	10	11
3.	Housing:									
	(a) Pooled Government Housing..	500.00	—	500.00	1805.02	—	1805.02	276.89	—	276.89
	(b) Police Housing ..	80.00	—	80.00						
	(c) Loans to Government Employees	500.00	—	500.00	670.00	—	670.00	190.00	—	190.00
	(d) Housing Department ..	390.00	—	390.00	571.36	—	571.36	170.29	—	170.29
	(e) Rural Housing ..	—	30.00	30.00	—	77.48	77.48	—	10.00	10.00
	Sub-Total—3 ..	1470.00	30.00	1500.00	3046.38	77.48	3123.86	637.18	10.00	647.18
4.	Urban Development:									
	(a) Town and Country Planning ..	275.00	—	275.00	56.50	186.30	242.80	14.30	45.10	59.40
	(b) Environmental Improvement of Slums ..	—	75.00	75.00	—	102.00	102.00	—	40.00	40.00
	(c) Grant-in-aid to Local Bodies and Directorate of Urban Local Bodies ..	29.00	271.00	300.00	—	376.37	376.37	—	70.29	70.29
	(d) Urban Development Authority ..	150.00	—	150.00	—	1036.70	1036.70	—	322.08	322.08
	Sub-Total—(4) ..	454.00	346.00	800.00	56.50	1701.37	1757.87	14.30	477.47	491.77
	Total—XII ..	5679.00	5246.00	10925.00	6683.99	7369.10	14053.07	3234.52	1914.04	5148.56
XIII.	INFORMATION AND PUBLICITY	60.00	40.00	100.00	236.10	100.00	336.10	81.01	22.65	103.66
XIV.	WELFARES OF SCs/STs/OBCs:									
	1. Welfare of Backward Classes..	277.00	255.00	532.00	138.17	255.47	393.64	10.70	88.22	98.92
	2. Scheduled Castes/Tribes ..	—	—	—	167.73	—	167.73	35.00	—	35.00
	Total—XIV ..	277.00	255.00	532.00	305.90	255.47	561.37	45.70	88.22	133.92
XV.	LABOUR AND LABOUR WELFARE..	14.85	35.15	50.00	3.21	102.24	105.45	0.54	43.40	43.94
XVI.	SOCIAL WELFARE:									
	1. Social Welfare	10.00	160.00	170.00	123.07	148.20	271.27	57.98	690.07	748.05
	2. S.N.P. including ICDS	—	282.00	282.00	—	603.50	603.50	—	225.00	225.00
	Total—XVI ..	10.00	442.00	452.00	123.07	751.70	874.77	57.98	915.07	973.05
	TOTAL—B—SOCIAL SERVICES	8068.25	13135.75	21204.00	9473.52	20626.84	30100.36	4116.01	7613.68	11729.69

(a) Pooled Govt. Housing	235.00	—	235.00	235.00	—	235.00	4320.00	—	4320.00	617.00	—	617.00
(b) Police Housing ..	—	—	—	—	—	—	—	—	—	—	—	—
(c) Loans to Govt. Employees ..	—	—	—	—	—	—	—	—	—	—	—	—
(e) Housing Deptt. ..	180.00	—	180.00	180.00	—	180.00	963.00	—	963.00	200.00	—	200.00
(c) Rural Housing ..	—	20.00	20.00	—	20.00	20.00	—	175.00	175.00	35.00	35.00	35.00
Sub-Total—3 ..	415.00	20.00	435.00	415.00	20.00	435.00	5283.00	175.00	5458.00	817.00	35.00	852.00
<b>4. URBAN DEVELOPMENT:</b>												
(a) Town and Country Planning ..	19.50	57.50	77.00	19.50	57.50	77.00	155.00	415.00	570.00	25.00	70.00	95.00
(b) Environmental Improvement of Slums ..	—	48.00	48.00	—	48.00	48.00	—	315.00	315.00	—	63.00	63.00
(c) Grant-in aid to Local Bodies and Directorate of Urban Local Bodies ..	—	107.00	107.00	—	107.00	107.00	—	1088.00	1088.00	—	185.00	185.00
(d) Urban Development Authority ..	—	220.00	220.00	—	220.00	220.00	—	1175.00	1175.00	—	135.00	135.00
Sub-Total—(4) ..	19.50	432.00	452.00	19.50	432.50	452.00	155.00	2993.00	3148.00	25.00	453.00	478.00
Total—XII ..	2546.50	2440.50	4987.00	2546.50	2440.50	4987.00	17918.00	28233.00	46151.00	2994.00	4291.00	7285.00
<b>XIII. INFORMATION AND PUBLICITY</b>	44.27	60.73	105.00	44.27	60.73	105.00	388.00	290.00	678.00	73.00	50.00	123.00
<b>XIV. Welfares of SCs/STs/OBCs</b>												
1. Welfare of Backward Classes ..	55.30	123.70	179.00	55.30	123.70	179.00	454.00	952.00	1406.00	73.25	138.75	212.00
2. Scheduled Castes/Tribes ..	40.00	—	40.00	40.00	—	40.00	250.00	—	250.00	45.00	—	45.00
Total—XIV ..	95.30	123.70	219.00	95.30	123.70	219.00	704.00	952.00	1656.00	118.25	138.75	257.00
<b>XV. LABOUR AND LABOUR WELFARE</b>	5.00	45.00	50.00	5.00	45.00	50.00	108.00	327.00	435.00	15.90	50.10	66.00
<b>XVI. SOCIAL WELFARE</b>												
1. Social Welfare ..	60.90	147.10	208.00	60.90	147.10	208.00	610.00	935.00	1545.00	105.00	170.00	275.00
2. S.N.P. Including ICDS ..	—	225.00	225.00	—	225.00	225.00	—	1300.00	1300.00	—	260.00	260.00
Total—XVI ..	60.90	372.10	433.00	60.90	372.00	433.00	610.00	2235.00	2845.00	105.00	430.00	535.00
<b>TOTAL—B-SOCIAL SERVICES</b> ..	<b>3416.47</b>	<b>8301.53</b>	<b>11718.00</b>	<b>3416.47</b>	<b>8301.53</b>	<b>11718.00</b>	<b>31615.69</b>	<b>71431.31</b>	<b>103047.00</b>	<b>5497.34</b>	<b>10951.66</b>	<b>16449.00</b>

(Rs. in lakh)

1	2	12	13	14	15	16	17	18	19	20	21	22	23
<b>C. GENERAL SERVICES:</b>													
1.	Stationery and Printing ..	400.00	—	400.00	270.00	—	270.00	30.17	—	30.17			
2.	Pooled Non-Residential Government Buildings ..	1500.00	—	1500.00	2139.37	—	2139.37	644.89	—	644.89			
3.	Others:												
(a)	H.I.P.A. ..	73.00	—	73.00	105.61	—	105.61	27.83	—	27.83			
(b)	Nucleus Budget for Tribal Areas ..	175.00	—	175.00	177.97	—	177.97	53.00	—	53.00			
(c)	Tribal Development Machinery ..	15.00	—	15.00	29.27	—	29.27	7.58	—	7.58			
(d)	Equity to Ex-servicemen Corporation including PEXSEM ..	70.00	—	70.00	103.52	—	103.52	22.58	—	22.58			
	Sub—Total—3 ..	333.00	—	333.00	416.37	—	416.37	110.99	—	110.99			
	<b>TOTAL—GENERAL SERVICES..</b>	<b>2233.00</b>	<b>—</b>	<b>2233.00</b>	<b>2825.74</b>	<b>—</b>	<b>2825.74</b>	<b>786.05</b>	<b>—</b>	<b>786.05</b>			
	<b>TOTAL—(ALL SECTOR A+B+C)</b>	<b>63646.69</b>	<b>41353.31</b>	<b>105000.00</b>	<b>85222.22</b>	<b>47253.53</b>	<b>132475.75</b>	<b>21312.89</b>	<b>16450.04</b>	<b>37762.93</b>			

(Rs. in lakh)

1	2	12	13	14	15	16	17	18	19	20	21	22	23
<b>C. GENERAL SERVICES:</b>													
1.	Stationery and Printing ..	400.00	—	400.00	270.00	—	270.00	30.17	—	30.17			
2.	Pooled Non-Residential Government Buildings ..	1500.00	—	1500.00	2139.37	—	2139.37	644.89	—	644.89			
3.	Others:												
	(a) H.I.P.A. ..	73.00	—	73.00	105.61	—	105.61	27.83	—	27.83			
	(b) Nucleus Budget for Tribal Areas ..	175.00	—	175.00	177.97	—	177.97	53.00	—	53.00			
	(c) Tribal Development Machinery ..	15.00	—	15.00	29.27	—	29.27	7.58	—	7.58			
	(d) Equity to Ex-servicemen Corporation including PEXSEM..	70.00	—	70.00	103.52	—	103.52	22.58	—	22.58			
	Sub—Total—3 ..	333.00	—	333.00	416.37	—	416.37	110.99	—	110.99			
	<b>TOTAL—GENERAL SERVICES..</b>	<b>2233.00</b>	<b>—</b>	<b>2233.00</b>	<b>2825.74</b>	<b>—</b>	<b>2825.74</b>	<b>786.05</b>	<b>—</b>	<b>786.05</b>			
	<b>TOTAL—(ALL SECTOR A+B+C)</b>	<b>63646.69</b>	<b>41353.31</b>	<b>105000.00</b>	<b>85222.22</b>	<b>47253.53</b>	<b>132475.75</b>	<b>21312.89</b>	<b>16450.04</b>	<b>37762.93</b>			

<b>C. General Services :</b>												
1. Stationery and Printing ..	70.00	—	70.00	70.00	—	70.00	533.00	—	533.00	95.00	—	95.00
2. Pooled Non-Residential Buildings ..	475.00	—	475.00	475.00	—	475.00	3680.00	—	3680.00	545.00	—	545.00
3. Others :												
(a) HIPA ..	40.00	—	40.00	40.00	—	40.00	263.00	—	263.00	46.00	—	46.00
(b) Nucleus Budget for Tribal Areas	52.50	—	52.50	52.50	—	52.50	350.00	—	350.00	70.00	—	70.00
(c) Tribal Development Machinery ..	7.50	—	7.50	7.50	—	7.50	58.00	—	58.00	9.00	—	9.00
(d) Equity to Ex-Servicemen Corporation including PEXSEM ..	32.00	—	32.00	32.00	—	32.00	330.00	—	330.00	53.00	—	53.00
<hr/>												
Sub-total—3 ..	132.00	—	132.00	132.00	—	132.00	1001.00	—	1001.00	178.00	—	178.00
<hr/>												
<b>TOTAL—C—GENERAL SERVICES ..</b>	<b>677.00</b>	<b>—</b>	<b>677.00</b>	<b>677.00</b>	<b>—</b>	<b>677.00</b>	<b>5214.00</b>	<b>—</b>	<b>5214.00</b>	<b>818.00</b>	<b>—</b>	<b>818.00</b>
<hr/>												
<b>TOTAL—(ALL SECTORS) A+B+C ..</b>	<b>22006.72</b>	<b>18993.28</b>	<b>41000.00</b>	<b>22006.72</b>	<b>18993.28</b>	<b>41000.00</b>	<b>176647.07</b>	<b>162073.11</b>	<b>338720.18</b>	<b>33866.64</b>	<b>19587.14</b>	<b>53453.78</b>
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AD OF DEVELOPMENT-WISE OUTLAY AND EXPENDITURE DURING SEVENTH PLAN (1985-90)  
EIGHTH FIVE YEAR PLAN (1992-97) AND ANNUAL PLAN (1992-93)  
(Rs. in lakh)

Major Heads/Minor Heads of Development	Seventh Plan (1985-90)	Annual Plan (1990-91)	Annual Plan (1991-92)	Annual Plan (1991-92)	Eighth Plan (1992-97)	Annual Plan (1992-93)	
	Actual Expendi- ture	Approved Outlays	Actual Expendi- ture	Approved Outlays	Anticipat- ed Expen- diture	Proposed Outlays	Proposed outlays
2	3	4	5	6	7	8	9
1. Agriculture ..	132.57	88.90	29.73	128.00	128.00	165.70	920.10
2. Horticulture ..	122.10	58.60	38.53	70.00	70.00	463.00	100.00
3. Dry land Farming ..	15.39	2.50	2.20	2.50	2.50	18.00	4.00
4. Animal Husbandry ..	70.93	25.60	26.70	28.00	28.00	270.00	37.00
5. Minor Irrigation:							
(a) I&PH ..	85.90	59.50	50.10	119.50	61.00	1250.00	177.50
(b) USAID ..	85.82	140.50	43.30	183.00	145.00	125.00	125.00
(c) Rural Development ..	8.00	2.50	2.50	2.50	2.50 as per revised ceiling	20.00	4.00
Sub-Total (5) ..	179.72	202.50	95.90	305.00	208.50	1395.00	306.50
6. Rural Social Forestry ..	650.52	190.50	179.70	226.00	224.50	1,300.00	300.00
7. Village & Small Scale Industries ..	92.54	42.00	26.58	70.00	70.00	720.00	93.00
8. Rural Electrification ..	—	75.00	64.32	80.00	80.00	500.00	90.00
9. Food and Supplies ..	8.34	25.70	22.32	36.00	36.00	361.20	77.36
0. Rural Roads ..	670.26	110.00	103.37	130.00	130.00	915.00	146.00
1. Rural Water Supply ..	766.07	195.80	191.16	285.50	285.50	2403.60	426.50
2. Primary Education ..	49.64	52.00	46.54	62.80	62.80	510.01	77.22
3. Higher Education ..	435.70	253.00	253.00	234.00	236.10	2442.00	277.00
4. Rural Health ..	177.50	45.00	43.22	60.00	60.00	579.00	93.00
5. Ayurveda ..	25.00	14.50	22.32	23.00	23.00	252.00	39.80
<b>Grand Total</b> ..	<b>3396.28</b>	<b>1381.60</b>	<b>1145.59</b>	<b>1740.80</b>	<b>1644.90</b>	<b>12294.51</b>	<b>2997.48</b>

**DRAFT EIGHTH FIVE YEAR PLAN (1992—97) AND ANNUAL PLAN (1992-93)-PHYSICAL TARGETS AND ACHIEVEMENTS**

Sl. No.	Item	Unit	Cumulative Achievements at the end of Annual Plan (1990-91)	Cumulative Anticipated Achievements at the end of Annual Plan (1991-92)	Eighth Plan Proposed Target (1992—97)	Annual Plan Proposed Target (1992-1993)
11	2	3	4	5	6	7
<b>I. AGRICULTURE AND DRY LAND FARMING:</b>						
11. Distribution of H.Y.V. Seed:						
	(a) Paddy	.. M.T.	18.00	18.80	25.00	20.00
	(b) Maize	.. M.T.	9.50	9.60	12.50	10.50
	(c) Wheat	.. M.T.	2219.00	300.00	350.00	310.00
22. Distribution of fertilizer:						
	(i) N	.. 000'MT	2.05	3.00	6.00	3.50
	(ii) P	.. 000'MT	0.48	0.75	2.00	1.00
	(iii) K	.. 000'MT	0.41	0.50	1.50	0.75
	<b>Total—N+P+K</b>	.. 000'MT	<b>2.94</b>	<b>4.25</b>	<b>9.50</b>	<b>5.25</b>
3. Plant Protection (pesticides to be distributed)						
	..	M.T.	31.50	38.00	45.00	40.00
(ii) Area to be covered under plant protection measures						
	..	000'Hect.	34.00	40.00	60.00	45.00
44. Distribution of Improved Agricultural implements						
	..	Nos.	2,000	2,200	2,500	2,300
55. Bio-Gas Plant to be installed						
	..	Nos.	—	300	500	350
<b>II. HORTICULTURE:</b>						
11. Additional area to be brought under fruit plantation						
	..	Hect.	835	700	3,500	700
22. Area covered under plant protection operations						
	..	Hect.	9,457	10,500	15,000	11,000
33. Farmers benefitted						
	..	Nos.	2,582	1,750	10,000	2,000
<b>III. ANIMAL HUSBANDRY:</b>						
<b>LIVE STOCK HEALTH PROGRAMME:</b>						
1. Veterinary Hospital						
	..	Nos.	—	—	10	2
2. Veterinary Dispensary						
	..	Nos.	23	23	5	1
<b>IV. MINOR IRRIGATION:</b>						
(a) I&PH						
	..	Hect.	135	190	2,000	200
(b) USAID :						
	..	—	—	—	—	—
(c) Rural Development						
	..	Funds are provided for the renovation and remodelling of old <i>kuhls</i> and according to number of <i>kuhls</i> in Backward Areas.				
<b>V. SOCIAL FORESTRY:</b>						
11. National Social Forestry (Umberala Project)						
	..	Hect.	4,055	3,500	20,000	4,700
<b>VI. VILLAGE AND SMALL SCALE INDUSTRIES:</b>						
1. Handicrafts and Handloom Industries:						
	(a) Production	.. Rs. in Lakh	2.23	2.63	4.00	0.75
	(b) Employment	.. No. of trainees	89	109	150	30

1	2	3	4	5	6	7
<b>2. KHADI AND VILLAGE INDUSTRIES:</b>						
(a) Production	.. In lacs Metres	712	812	1,000	2200	
(b) Employment (Part-time)	.. In Nos.	3,471	3,971	5,000	1,000	
<b>3. SERICULTURE INDUSTRIES:</b>						
(a) Plants	.. In lacs Nos.	3.26	4.76	6.00	1.00	
(b) Employment	.. In lacs Mandays	0.06	0.16	10.00	11.50	
<b>4. DISTRICT INDUSTRIES CENTRES:</b>						
(a) No. of units regd./assisted	.. in Nos.	45	55	100	15	
(b) No. of artisans assisted	.. In Nos.	651	751	1,000	200	
(c) Financial assistance rendered	.. In lacs. Rs.	5.15	6.15	10.00	2.00	
<b>VII. RURAL ELECTRIFICATION :</b>						
Intensive Electrification works like release of service connections and voltage improvement etc., will be carried out during A.P. 1992-93 and Eighth Plan, 1992—97.						
<b>VIII. FOOD AND SUPPLIES:</b>						
(i) Construction of Godowns	..	—	1	1	4	1
<b>IX. RURAL ROADS</b>						
(i) Motorable Roads	.. Km.	110	122	100	12	
(ii) Jeepable Roads	.. Km.	6	8	15	2	
(iii) Cross-Drainage	.. Km.	44	49	45	6	
(iv) Metalling and Tarring	.. Km.	46	52	55	6	
(v) Bridges	.. Nos.	2	3	10	2	
(vi) Villages	.. Nos	4	5	10	2	
X. RURAL WATER SUPPLY	.. Villages	1,413	1,438	54	54	
<b>XI. PRIMARY EDUCATION:</b>						
ELEMENTARY EDUCATION:						
1. Opening of Primary Schools	..	—	99	99	75	15
2. Part-Time Water Carriers	..	—	519	519	75	15
<b>XII. HIGHER EDUCATION:</b>						
1. Opening of Middle Schools	.. No.	296	296	10	2	
2. Additional Teachers for M.S. :	..	—	—	—	—	
(i) Regular	.. Nos.	5	5	—	—	
(ii) Volunteers	.. Nos.	—	11	—	—	
3. Upgradation of M.S. to H.S.	.. Nos.	115	115	—	—	
4. Upgradation of M.S. to Sr. Secondary Schools	.. Nos.	5	5	—	—	
5. Free Hostels	.. Nos.	3	3	—	—	
6. Additional Teachers for Secondary School :						
(i) Regular	.. Nos.	10	10	—	—	
(ii) Volunteers	.. Nos.	—	42	—	—	
<b>XIII. RURAL HEALTH:</b>						
1. Opening of Health Sub-Centres	.. Nos.	169	169	3	1	
2. Opening of Primary Health Centres	.. Nos.	20	20	2	—	
3. Opening of Community Health Centres	.. Nos.	2	2	1	—	
<b>XIV. AYURVEDA:</b>						
Continued Ayurvedic Rural Health Centres and R.N.S.	.. Nos.	34	34	3 ARHC	1 ARHC	

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