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**DRAFT EIGHTH FIVE YEAR PLAN 1990-95**  
**AND**  
**ANNUAL PLAN 1991-92**

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NIEFPA DC



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## 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 a population of 42.81 lakh according to 1981 Census. The density of population is 77 persons per square kilometre as compared to 216 at the All-India level. As much as 92 percent of the population lives in rural areas and the remaining 8 percent is located in 46 towns. 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 increased by 23.7 percent during the decade 1971-81. The demographic indicators are presented in the following table :

**TABLE 1 - DEMOGRAPHIC DATA AND INDICATORS**

Item	Unit	Particulars
<b>1. Population - 1971 Census :</b>		
(a) Total	Lakh Persons	34.60
(b) Scheduled Castes	Lakh Persons	7.70
(c) Scheduled Tribes	Lakh Persons	1.42
<b>1981 Census :</b>		
(a) Total	Lakh Persons	42.81
(b) Scheduled Castes	Lakh Persons	10.54
(c) Scheduled Tribes	Lakh Persons	1.97
<b>2. Density of Population 1981 Census</b>	Persons per sq. km.	77.00
<b>3. Decennial Growth of Population 1971-81</b>		
(a) Total Population	Percent	23.71
(b) Scheduled Castes	Percent	36.95
(c) Scheduled Tribes	Percent	39.30
<b>4. Compound rate of Population growth (1971-81)</b>	Percent per annum	2.15

Item	Unit	Particulars
5. Percentage composition according to 1981 Census :		
(a) Rural Population	Percent	92.39
(b) Urban Population	Percent	7.61
6. Percentage of total of 1981 Census Population :		
(a) Scheduled Castes	Percent	24.62
(b) Scheduled Tribes	Percent	4.61
7. Sex Ratio	Females per '000 males	978

It would be seen that entire Himachal Pradesh is predominantly rural in character as rural population constitutes 92.39 percent of total population. The scheduled castes and scheduled tribes population constitute 29.23 percent of the total population.

The annual compound rate of growth of population during 1971-81 period was 2.15 percent. The data depicted in the above table brings out some interesting facts which need careful attention. Whereas the decadal growth rate of total population was 23.71 percent, the corresponding growth in the scheduled castes and scheduled tribes population were of the order of 36.95 percent and 39.30 percent, respectively. These socially and economically vulnerable groups pose a problem in the overall strategy for stabilisation of population. Understandably, the high population growth among these sections of society has resulted from preponderance of poverty, abysmally low literacy in general and among women in particular and poor living conditions. Subsequent Five-Year Plan shall be required to give a greater attention to these aspects.

#### 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

Item	Unit	Particulars
1. Total Population	Lakh Persons	42.81
2. Main Workers :	Lakh Persons	14.71
(a) Cultivators	Lakh Persons	10.02
(b) Agricultural Labourers	Lakh Persons	0.40
(c) Livestock, Forestry, Hunting, Fisheries, Orchards, Plantation and Allied activities	Lakh Persons	0.37
(d) Mining and Quarrying	Lakh Persons	0.04
(e) Manufacturing, Processing, Servicing and Repairs	Lakh Persons	0.79
(f) Construction	Lakh Persons	0.79
(g) Trade and Commerce	Lakh Persons	0.53
(h) Transport, Storage and Communication	Lakh Persons	0.27
(i) Other Services	Lakh Persons	1.50
3. Marginal Workers :	Lakh Persons	3.43
(a) Cultivators	Lakh Persons	3.212
(b) Agricultural Labourers	Lakh Persons	0.106
(c) Livestock, Forestry, Hunting, Fisheries, Orchards, Plantation and Allied activities	Lakh Persons	0.019
(d) Mining and Quarrying	Lakh Persons	Neg.
(e) Manufacturing, Processing, Servicing and Repairs	Lakh Persons	0.042
(f) Construction	Lakh Persons	0.019
(g) Trade and Commerce	Lakh Persons	0.009
(h) Transport, Storage and Communication	Lakh Persons	0.006
(i) Other Services	Lakh Persons	0.017
4. Non-Workers	Lakh Persons	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 :

Age Group	Population	Percent to Total
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 Lakhs)	Constant Prices (1980-81 Prices) (Rs. in Lakhs)	Current Prices	Constant Prices (1980-81 Prices)
1980-81	70585.50	70585.50	--	--
1981-82	84630.57	76823.00	19.9	8.8
1982-83	91793.12	75770.65	8.5	(-)1.4
1983-84	105517.21	80111.46	15.0	5.7
1984-85	105669.77	75399.23	0.1	(-)5.9
1985-86	126263.07	85248.00	19.5	13.1
1986-87	140806.17	91643.26	11.5	7.5
1987-88	153857.50	89543.54	9.3	(-)2.3
1988-89	177579.86	95702.97	15.4	6.9
Average Growth Rate during (1985-89)				6.3

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 5.9 percent over the previous year. This was due to the severest drought faced by the Pradesh during this year. However, during the first four years of the Seventh Five Year Plan, viz. 1985-89, the economy grew at an average growth rate of 6.3 percent. The sectoral distribution of these growth rates is depicted as under :

**ANNUAL GROWTH RATE UNDER VARIOUS BROAD SECTORS  
DURING THE FIRST FOUR YEARS OF SEVENTH PLAN**

Sector	Percentage				Average Seventh Plan
	1985-86	1986-87	1987-88	1988-89	
1. Agriculture & Allied Sectors	12.7	7.6	(-)14.8	5.2	2.7
Manufacturing	39.2	4.2	3.2	10.7	14.3
3. Construction	16.1	6.3	9.9	1.3	8.4
4. Electricity, Gas & Water Supply	(-)12.0	11.6	(-)22.3	7.3	(-)1.4
5. Transport Communication and Trade	15.5	3.3	(-)0.9	5.8	5.9
6. Rest of the Sectors	5.7	10.7	13.7	10.1	10.1
Net State Domestic Product	13.1	7.5	(-)2.3	6.9	6.3

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. 2305. This per capita income went up to Rs.3614 in 1988-89 thus witnessing an annual growth of 11.9 percent. However in real terms, the per capita income at 1980-81 prices was Rs. 1948 as against Rs. 1644 in 1984-85. Thus registering an annual growth rate of 4.5 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)
1980-81	1664	1664	--	--
1981-82	1954	1774	17.4	6.6
1982-83	2079	1716	6.4	(-)3.3
1983-84	2344	1780	12.7	3.7
1984-85	2305	1644	(-)1.7	(-)7.6
1985-86	2705	1826	17.3	11.1
1986-87	2964	1929	9.5	5.6
1987-88	3184	1853	7.4	(-)3.9
1988-89	3614	1948	13.5	5.1

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 1988-89 is depicted in the following table :

TABLE 5 - STATE DOMESTIC PRODUCT BY SECTORS DURING 1984-85 AND 1988-89 AT CONSTANT PRICES

Sectors	Contribution (Rs. in Lakh)	Percentage to Total	Contribution (Rs. in Lakh)	Percentage to Total
1. Primary Sector	32775.07	43.5	35708.01	37.3
2. Secondary Sector	13657.62	18.1	19499.24	20.4
3. Transport Communication and Trade	9120.91	12.1	11412.37	11.9
4. Finance and Real Estate	7240.46	9.5	10153.37	10.6
5. Community and Personal Services	12605.17	16.8	18929.98	19.8
Net State Domestic Product	75399.23	100.00	95702.97	100.0

It would be seen that the Primary sector contributes 37.3 percent followed by Secondary sector 20.4 percent, Personal services 19.8 percent, Transport Communication and Trade 11.9 percent and Finance and Real Estate 10.6 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 percent. During the first four years of the Seventh Plan, the Annual average growth of this sector was 2.7 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 first four years of the Seventh Plan this sector has registered the annual average growth of 9.6 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 first four years of the Seventh Plan, this sector grew at the annual average growth of about 5.9 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 9.0 percent during the first four years of the Seventh Plan.

### Community and Personal Services :

The overall Sixth Plan growth rate recorded was 4.0 percent. During the first four years of the Seventh Plan this sector has registered an average growth rate of 10.8 percent which is quite impressive. It is likely that this growth will be maintained during the terminal year of the Seventh Plan.

### Power Generation & consumption :

Himachal Pradesh has a vast hydro-electric potential of about 207,000 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 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) SVP-Bhaba Hydel Project. The on going projects which are under execution or in the process of execution are (i) Thiro Hydel Project (ii) Gaj Hydel Project (iii) Baner Hydel Project (iv) Augmentation of Bhaba Hydel Project (v) Largi 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 Jhakri Power Corporation are Nathpa Jhakri and Kol Dam.

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

TABLE 6 - POWER GENERATION

Generation Year	Generation M U
1980-81	245.07
1981-82	431.69
1982-83	540.46
1983-84	586.74
1984-85	488.84
1985-86	596.83
1986-87	614.29
1987-88	517.81
1988-89	698.83
1989-90	935.51

It would be seen that power generation which was 245.07 MU in 1980-81 touched the record generation of 935.51 MU in 1989-90. The decline during 1984-85 and 1987-88 is mainly attributed to fall in the level of water in the reservoirs due to prolonged drought. The power generation in the Seventh Plan continued to witness an increasing trend except for the year 1987-88 due to worst drought conditions.

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
1980-81	264.74	147.13	411.87
1981-82	285.96	273.64	559.60
1982-83	324.52	363.22	687.74
1983-84	394.97	409.05	804.02
1984-85	470.02	217.28	687.30
1985-86	563.32	223.93	787.25
1986-87	679.66	202.72	882.38
1987-88	769.04	322.41	1091.45
1988-89	795.22	416.73	1211.95
1989-90	897.10	359.49	1256.59

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 1988-89, the sale within the State was 795.22 million Kwh and registered an increase of 69.18 percent over 1984-85 period. However, during 1989-90, the sales

within the State are expected to go upto 900.00 million Kwh. The sale of power outside the State which was 147.13 million Kwh in 1980-81 continued to rise upto 1983-84 when it recorded an increase of 178.02 percent over 1980-81 period. Since then, there has been considerable decline in the sale of power outside the State which is mainly attributed to the conscious policy of the State government to increase the internal resources of the State. However, the expected sale outside the State during 1989-90 is 352 Million Kwh.

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

TABLE 8

(Million Kwh)

End Uses	1984-85	1985-86	1986-87	1987-88	1988-89
11. Domestic	100.887 (21.5)	113.290 (20.11)	137.058 (20.16)	153.374 (19.94)	170.191 (21.40)
22. Commercial	43.428 (90.20)	48.983 (8.70)	57.756 (8.50)	62.348 (8.11)	65.038 (8.18)
33. Industrial	265.634 (56.5)	339.049 (60.18)	413.004 (60.77)	476.508 (61.96)	476.930 (59.97)
44. Agriculture	17.646 (3.8)	21.019 (3.73)	22.689 (3.33)	23.512 (3.06)	23.350 (2.94)
55. Public Lighting	2.199 (0.5)	2.700 (0.48)	2.553 (0.38)	3.567 (0.46)	3.460 (0.44)
66. Bulk/ Miscellaneous	40.228 (8.5)	38.275 (6.80)	46.599 (6.86)	49.734 (6.47)	56.253 (7.07)
Total	470.022 (100)	563.316 (100)	679.659 (100)	769.043 (100)	795.222 (100)

#### 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. According to 1981 census, the number of households in Himachal Pradesh was 7.72 lakh. Allowing the population growth of 2.15 percent per annum, the number of house holds in 1988 works out to 10.36 lakh. The domestic power consumers stand at 81.66 percent of house holds were power consumers in the Pradesh.

## Roads and Rural Communication :

The following data depicts the growth of road length in Himachal Pradesh upto 31st March, 1990 :

TABLE 9 - ROAD LENGTH IN HIMACHAL PRADESH

Type of Road	As on 31st March					
	1980	1986	1987	1988	1989	1990
(a) Motorable double lane	1994	1994	1994	1994	1994	1994
(b) Motorable single lane	9999	13009	13354	14219	14574	14889
(c) Jeepable	594	363	321	694	709	835
(d) Less than Jeepable (Track)	4002	4672	4610	4238	4308	4280
<b>Total</b>	<b>16589</b>	<b>20038</b>	<b>20279</b>	<b>21125</b>	<b>21585</b>	<b>21998</b>

Apart from the road length aspect, achievements under allied activities including central roads as on 31st March, 1990 were as under :

TABLE 10 - ROAD COMMUNICATION IN HIMACHAL PRADESH

Description	Unit	Position As on 31st March				
		1980	1987	1988	1989	1990
1. Motorable Road	Kms.	11993	16213	16213	16568	16883
2. Roads Provided with cross drainage	Kms.	5114	7195	7195	7345	7493
3. Metalled and tarred length	Kms.	3998	6016	6016	6226	6392
4. Bridges	No.	457	703	703	728	752
5. Villages connected with Roads						
(a) Above 1500 Popu.	No.	64	169			175
(b) 1000-1500 Popu.	No.	111	205			214
(c) 500-1000 Popu.	No.		789			809
(d) 200-500 Popu.	No.	6004	2368	7336	7376	2413
(e) Less than 200 Population	No.		3765			3805
<b>Total (5)</b>		<b>6179</b>	<b>7296</b>	<b>7336</b>	<b>7376</b>	<b>7416</b>

## Co-operation :

Co-operation has aptly been described as a moment rather than a more 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 during the 7th Plan period:-

TABLE 11 - DEVELOPMENT TRENDS OF CO-OPERATIVE MOVEMENT

Item	Unit	1979-80	1986-87	1987-88	1988-89	1989-90
1.. Short and Medium terms loans advanced by primary Agricultural credit societies	Rs in Crore	6.50	16.45	20.93	22.65	22.00
2.. Long term loans advanced	Rs in Crore	0.29	1.88	0.56	3.00	4.00
3.. Agricultural produce marketed by Co-operatives	Rs in Crore	3.85	11.25	14.83	18.84	15.00
4. Fertilizer retailed by Co-operatives	Rs in Crore	4.01	9.78	11.50	8.92	15.00
5. Retail Distribution of consumer articles in Urban & Rural Areas	Rs in Crore	9.20	45.55	65.00	52.84	70.00

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 :

Out of the total 16807 inhabited villages, 11887 villages have been identified as problem villages. Till 31st March, 1990, drinking water facilities were provided to 15255 villages (10780 problem and 4475 easy villages). This brings the spill over of 1552 villages (1151 problem villages and 401 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
1980	58	77	196	404	651	1386
1988	73	189	202	430	1468	2362
1989	73	228	189	539	1846	2875

\* Includes 7 Ayurvedic wards.

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

Norms	1980	1988	1989
Population Served per			
1. Primary Health Centre	53467	25747	21782
2. Allopathic Dispensary	21005	24090	
3. Ayurvedic Dispensary	10190	11000	1177
4. Health Sub-Centre	6324		2679
5. All Institutions			1720

It would be seen that the growth of medical institutions in Himachal Pradesh in 1989-90 have relieved 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. 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				
	1985-86	1986-87	1987-88	1988-89	1989-90
1. 6-11 Years					
(a) Boys	111	108	110	113	110
(b) Girls	91	92	92	95	100
(c) Total	100	100	101	104	103
2. 11-14 Years					
(a) Boys	90	95	96	100	101
(b) Girls	60	65	68	72	77
(c) Total	75	80	82	86	89
3. 14-17 Years					
(a) Boys	48	60	61	62	64
(b) Girls	22	31	33	36	38
(c) Total	35	46	47	49	52

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

TABLE 15-EDUCATIONAL INSTITUTIONS

Institutions	1950-51	1979-80	1988-89	1989-90
1. Primary School Units	467	6058	7288	7448
2. Middle School Units	94	1561	1920	1990
3. High/Higher Secondary School Units	25	568	872	992
4. Senior Secondary Units	--	--	111	150
5. Colleges	1	15	24	25

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	1980	1986	1989	1990
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 equipment and machinery such as ultra Sonography/Radio-Therapy has been introduced in the college.

### Agricultural University :

The H.P. Krishi Vishva 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	1986-87	1987-88	1988-89	1989-90
1. Hospitals	216	228	230	230
2. Dispensaries	441	449	452	514
3. Outlying Dispensaries	83	83	83	83
4. Mobile Dispensaries	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. 454.56 during the Seventh Plan (1985-90).

Plan Period	Total Investment (Rs. in Lakh)	Per Capita Annual Investment (in Rs.)
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	287.80
Seventh Plan (1985-90)	105000.00	454.56
1985-86	19231.64	408.92
1986-87	23880.30	499.07
1987-88	27695.91	569.18
1988-89	29037.78	587.10
1989-90	28561.67	581.35

## **CHAPTER - II**

### **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. Employment strategy consists of devising ways and means of bridging the gap between supply of and demand for work. It has, therefore, been envisaged that the growth of the economy would not only increase production but also provide the capacity for absorbing the backlog of unemployment and underemployment and substantial proportion of additions to labour force. The first step in the strategy is that to prepare a man power budget. In other words, we should measure the magnitude of unemployment and study its anatomy. The National Sample Survey (NSS) has elaborated a methodology for this and it is suggested that the same may be adopted here. An attempt has been made to estimate the backlog of unemployment inclusive of under employment by 1989-90 and the net additions to the labour force vis-a-vis the creation of job opportunities during the period 1990-2000.

#### **Population Projections:**

According to the Expert Committee Constituted by the Registrar General, of India, the population of Himachal Pradesh is estimated at 50.26 lakh on 1st March, 1990. The population will go up to 54.06 lakh in March, 1995 and 58.07 lakh in March, 2001. This Committee has also worked out rural and urban distribution of population as on 1st March, 1986, 1991, 1996 and 2001. The estimates for rural and urban distribution of population for the intervening period have been arrived at by applying the ratios observed in 1986, 1991 and 1996. Further the sex ratios observed in 1981 for rural and urban population were 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 below:-

**Table-1**

**Distribution of rural and urban Population in  
Himachal Pradesh**

Year	Rural	Urban	Total
1	2	3	4
1st March, <del>1987</del>	39.55	3.26	42.81
<del>1988</del>	43.30	3.73	47.03
<del>1989</del>	45.54	3.92	49.46
1990	46.27	3.99	50.26
1991	46.82	4.22	51.04
1995	49.59	4.47	54.06
1996	50.07	4.71	54.78
2001	52.89	5.18	58.07

**Labour Force:**

The National Sample Survey Organisation (NSSO) has standardised the concepts and definitions of Labour force, employment and unemployment since 1972-73 (27th round). By definition, Labour force comprises both employed and unemployed or underemployed persons. While the work force consists of only those persons who are employed fully or partially. Same definitions were also adopted in the subsequent rounds (32nd round 1977-78 and 38th round 1983). The various estimates are based on three concepts namely, usual status, weekly status and daily status. These are explained below:-

(i) Usual Status Concept: This concept is meant to measure the usual activity status - employed or unemployed or outside labour force of those covered by the survey: thus the activity status is determined with reference to a period of 365 days.

(ii) Weekly Status Concept: Here the activity status is determined with reference to a period of preceding 7 days. A person who reports having worked at least for an hour on any day during the reference period of the week while pursuing a gainful occupation was deemed to be employed. A person who did not work even for one hour during the reference period that was seeking or available for work was deemed to be unemployed.

(iii) Daily Status Concept: Here activity status of a person for each day of the preceding 7 days is recorded. A person who worked at least for one hour but less than four hours was considered having worked for half a day. If worked for four hours or more during a day he was considered as employed for the whole day.

Labour Force Projections: Labour force is estimated on the basis of usual status participation rates. Of the persons falling in the age-group 5 years and above, some are neither engaged in economic activity nor are available for work like housewives, students, mentally unsound persons, etc. These categories of persons though of working age very old persons, do not exert pressure on employment market. Estimation of participation rates for different age-groups for male and female for rural and urban areas have been provided by the NSS surveys on employment during 1983 (38th round). Work participation rate indicates the percentage of workers to total population.

	Male	Female
Rural	93.50	54.50
Urban	80.00	59.12

Assuming that the participation rates provided by the NSS round 38th (1983) would not have undergone any significant change and applying them to the corresponding official population projections furnished by the Registrar General of India, the labour force projections for March, 1985 to March, 2000 according to sex and residence classifications were estimated. This is done for age group 5+, 15- and 15-59. The labour force projections for H.P. under all the three concepts viz. usual status, weekly status and daily status are given in table-2 for selected years. The same could not be estimated using 43rd round (July, 1987 to June 1988) results as these were not available.

**TABLE-2 LABOUR FORCE PROJECTIONS BY AGE GROUP**

(in Lakh)

AGE GROUP	1985	1990	1995	2000	ADDITION TO LABOUR FORCE DURING			
					1984-85	1985-90	1990-95	1990-2000
1	2	3	4	5	6	7	8	9
USUAL STATUS APPROACH								
5+	26.59	28.98	31.17	33.20		+2.39	+2.19	+4.22
15+	21.50	23.45	25.24	26.92		+1.95	+1.79	+3.47
15-59	19.04	20.77	22.38	23.87		+1.73	+1.61	+3.10
WEEKLY STATUS APPROACH								
5+	26.59	28.96	31.17	33.21		+2.37	+2.21	+4.25
15+	21.48	23.41	25.22	26.91		+1.93	+1.81	+3.50
15-59	19.02	20.74	22.37	23.87		+1.72	+1.63	+3.13
DAILY STATUS APPROACH								
5+	26.59	28.98	31.17	33.19		+2.39	+2.19	+4.21
15+	21.50	23.45	25.24	26.91		+1.95	+1.79	+3.46
15-59	19.04	20.77	22.38	23.87		+1.73	+1.61	+3.10

3.3 It would be seen that the net addition to labour force during 1990-95 has been estimated at 2.19 lakh in the age group of 5+ and for the period 1995-2000 it is 2.03 lakh. The net addition to labour force for the period 1990-2000 comes to 4.22 lakh. Further, the growth of labour force during 1990-95 is as follows.

**TABLE-3 LABOUR FORCE**

AGE GROUP	LABOUR FORCE		
	1990 March	1995 March	Annual increase
1.	2	3	4
	in lakh		Percent
5+	28.98	31.17	1.47
15+	23.45	25.24	1.48
15-59	20.77	22.38	1.50



These projections show that the labour force would grow at an annual growth rate of 1.47 percent to 1.50 percent during 1990-95.

### Unemployment Situation:

There are two sources from which information on unemployment trends can be obtained viz. the live registers statistics of the employment exchanges and the data available from the NSS. The employment exchanges data reveals that there has been a constant increase in the pressure of job seekers on the employment market. The job seekers registered with the employment exchanges in Himachal Pradesh at the end of 1983 was 1.86 lakh which increased to 3.69 lakhs on 31st Oct, 1988. The employment Market information (EMI) data has its obvious limitations and it does not throw light on different parameters of employment situation as many candidates do not just get their name registered or do not get the registration periodically renewed. On the other hand, the cases of multiple registrations are by far large in numbers. This data nevertheless leads to the conclusion that the job seekers are multiplying over time.

In the present analysis, we have gone by the results of NSS (38th round). Estimates of unemployment are available on the basis of the three concepts mentioned above (usual status, weekly status and daily status). Usual status unemployment refers to relatively long term unemployment i.e. chronic unemployment and is measured in numbers (of persons). This measure is more appropriate to those in search of regular employment (e.g. educated and skilled persons) who may not accept casual work. The weekly status and daily status unemployment estimates bring out the seasonal and part-time unemployment and under employment effectively. These represent the average number of persons unemployed per week and per day respectively during the survey period. Thus, the daily status unemployment is considered to be the most inclusive and significant indicator of the magnitude of unemployment.

Assuming that the rates of unemployment observed in the NSS 38th round (Jan to Dec., 1983) would not have undergone any change, the estimates of unemployment in 1985 according to three concepts are as follows:

**Table-4 Estimated Unemployment in March, 1985**

Concept	Unemployment in March, 1985 (5+ Age-group)
1	2
	(in lakh)
Usual Status	1.59
Weekly Status	1.64
Daily Status	1.62

**Perspectives for 1990-95:**

Projections of labour force in 1985, 1990 and 1995 (Table-2) and estimates of usual status unemployment in 1985 (Table-4) reveal the overall magnitude of employment. The estimates are given below:

**Table-5 Backlog of unemployment 1985 and net additions to labour force 1985-90 & 1990-95 usual-status basis.**

Age Group	Backlog 1985	Net additions 1985-90	Net additions 1990-95
1	2	3	4
5	1.59	2.39	2.19

The backlog here takes note of the long term unemployment. After taking into account the backlog of unemployment and net additions during 1985-90 on the basis of NSS 38th round results, the total employment required to be generated would have been 3.98 lakh. In 1985-88 period, our developmental plans have generated continuing employment opportunities of 0.39 lakh SPYs (standard person years) and construction employment opportunities of 0.73 lakh standard person years. Thus a net employment creation of 1.12 lakh standard person years has taken place in the first three years of the 7th plan. During the year 1988-89, additional employment creation of the order of lakh standard person years is estimated to have taken place, raising the total employment creation to 1.49 lakh standard person years. These estimates are exclusive of the employment creation in the private sector. The annual plan for 1989-90 envisages additional employment generation of 0.32 lakh standard person years in the normal course. This would take the total Seventh

Plan estimates to 1.81 lakh standard person years of additional employment generation and leave a backlog of 2.17 lakh at the beginning of 1990-91 Table-6 will clear the position below:

TABLE-6

Period		Employment in lakh person years
1		2
(i)	Backlog of unemployment at the beginning of the 7th Plan.	1.59
(ii)	Addition to labour force during the Seventh Plan.	2.39
(iii)	Total Job requirements during 7th Plan.	3.98
(iv)	Total employment generation during the first three years of 7th Plan.	1.12
(v)	Estimated employment generation during 1988-89.	0.37
(vi)	Anticipated employment generation during 1989-90.	0.32
(vii)	Backlog of unemployment at the beginning of 1990-91.	2.17
(viii)	Addition to labour force during 1990-95.	2.19
(ix)	Total Job requirements during 1990-95	4.36

#### Estimates of Job Availability

Once the Job requirements have been estimated, the next step is to know the possibilities of Job creation in the Public and Private sector during 1990-95. These estimates are possible to be worked out for the Public sector, but no information would be possible for the private sector. To overcome this problem, an attempt has been made to estimate the number of additional Jobs during 1990-95 on employment output-norms which have been calculated for different sectors except agriculture on the basis of occupational distribution of population in 1981 and State Domestic Product (SDP) in that year. As such sector-wise SDP and working force for 1980-81 were considered and for every sector the number of workers per unit of net output was worked out.

Work was defined in the 1981 Census terminology as participation in any economic activity. Such participation may be physical or mental in nature. Work involves not only actual work but also effective supervision and direction of work. The entire population was divided into (i) main workers; (ii) marginal workers and (iii) Non-workers.

**Main Workers:** A person who has primarily worked for a major period of the year is a main worker. By major part of the year it is intended to find out that the person has worked for 183 days or more or in other words worked for six months or more. The reference period of one year precedes the date of enumeration;

**Marginal Worker:** A person who has worked for less than six months or 183 days but worked at least a day during the last one year before enumeration is considered as marginal worker.

**Non-worker:** A person who has not worked at all during the preceding one year from the date of enumeration is a non-worker.

The total main workers and marginal workers according to 1981 Census are 14,71,025 and 3,42,976 persons respectively which constitute 34.36% and 8.01% of total population. As per the definition of main worker, 14,71,025 persons are those who have worked for a major part of the year or 183 days or more or worked for 6 months or more. Similarly, the total marginal workers numbering 3,42,976 persons have either worked 183 days or less than 6 months. But for full employment definition they should have worked for 273 days (standard Person Year) a year. This means that 67.0% (2,29,794) of marginal workers are fully employed assuming that they worked at least for 183 days during the year. Same corrective action can not be applied to main workers because majority has either worked for at least 183 days or more or a major part of the year. Distribution of workers in different sectors is given here as under:

TABLE-7

Sector	Main Workers	Marginal Workers	Fully Employed Marginal Workers (67% of Col.3)	Total Workers (Col.2+ Col.4)
1	2	3	4	5
Agriculture	10,78,733	3,33,798	2,23,645	13,02,378
Mining and Manufacturing	82,391	4,218	2,826	85,217
Construction	78,929	1,915	1,283	80,212
Electricity, Gas & Water Supply	19,451	2,21	148	19,599
Transport and Communication	27,044	517	346	27,390
Rest of other Services	1,84,477	2,307	1,546	1,86,023
<b>Total</b>	<b>14,71,025</b>	<b>3,42,976</b>	<b>2,29,794</b>	<b>17,00,819</b>

As regards agriculture sector, the absorption of labour force is not directly related to the contribution of this sector to the GDP. 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 1980-81. Estimates of Job requirement have thus been worked out by applying the percentage of total agricultural workers to total population observed during 1981 to the projections of census population during 1989-90 and onwards on the assumption that the percentage distribution of workers does not undergo a change over the period. According to Table-7 the total workers engaged in agriculture sector are 13,02,378 which constitute 30.4% of the total population. Year-wise estimates of workers on the basis of this percentage has been given in table-8:

**TABLE-8**

YEAR	PROJECTED POPULATION	ESTIMATES of Workers in Agriculture Sector.
1	2	3
1989-90	50.26	15.28
1990-91	51.04	15.52
1991-92	51.81	15.75
1992-93	52.58	15.98
1993-94	53.32	16.21
1994-95	54.06	16.43

As discussed earlier the basis for working out estimates of Job availability in different sectors except agriculture has been adopted as employment-output norms. The employment output norms for different sectors are based on the occupational distribution of population in 1981 and SDP in that year. The SDP of the Pradesh stood at Rs. 705.37 crores during 1980-81. There was a stagnation in the economy during 1979-80 due to unprecedented drought of 1979-80 which adversely affected both agricultural and industrial production. It is, therefore, decided to make adjustment in the SDP of 1981 for working out employment output norms. The SDP for working out employment-output norm is taken as an average of the SDP of five years i.e. from 1980-81 to 1984-85.

The targetted sectoral growth rate to achieve an overall growth rate of 6% during 1990-95 was set and the targetted SDP with this growth rate has been worked out. Using these estimates of SDP for 1990-91 to 1994-95, the estimates of working force for these years were developed. The SDP by various broad sectors during 1988-89 and 1989-90 has been estimated on the basis of the performance of economy during the first three years of the 7th five year plan and also keeping in view the targets set for the 7th plan. The estimates of SDP and the work force are presented in table-9.

TABLE-9

## STATE DOMESTIC PRODUCT AND WORKING FORCE

Sector	Av. SDP Rs. in crores (1980-81 to 1984-85)	1981 Census Workers	No. of Workers per Rs. one crore with net output 1980-81	Projected State Domestic Product		
				1989-90	1990-91	1991-92
1	2	3	4	5	6	7
Mining & Manufacturing	4480.22	86609	1933	72.70	78.50	84.80
Construction	6498.95	80844	1244	113.40	123.6	133.5
Electricity Gas and Water Supply	1213.55	19672	1621	22.77	26.0	29.6
Transport and Communication	1049.43	27503	2621	20.17	21.8	23.5
Rest of other Sectors	24884.71	186841	751	428.72	454.4	481.7
Total	381,26,86	401469				

TABLE-9 (Contd...)

## STATE DOMESTIC PRODUCT AND WORKING FORCE

(Rs. in crores)			Estimated No. of workers ( in lakhs)					
1992-93	1993-94	1994-95	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95
8	9	10	11	12	13	14	15	16
87.3	98.7	106.6	1.41	1.52	1.64	1.69	1.91	2.06
141.5	161.3	182.3	1.41	1.54	1.66	1.76	2.01	2.27
34.0	39.8	45.8	0.37	0.42	0.48	0.55	0.65	0.74
25.4	27.4	29.6	0.53	0.57	0.62	0.67	0.72	0.78
496.2	530.9	573.4	3.22	3.41	3.62	3.73	3.99	4.31
			6.94	7.46	8.02	8.40	9.28	10.16



Now with the help of table 8 and 9, the final estimates of work force and growth rate between 1989-90 and 1994-95 are given in table-10 below:

TABLE-10

Sector	Estimated No. of Workers in lakh						Increase during 1989-90 to 1994-95	Annual growth of employment (per cent)
	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95		
1	2	3	4	5	6	7	8	9
Agriculture	15.28	15.52	15.75	15.98	16.21	16.43	1.15	1.46
Mining and Manufacturing	1.41	1.52	1.64	1.69	1.91	2.06	0.65	7.88
Construction	1.41	1.54	1.66	1.76	2.01	2.27	0.86	9.99
Electricity, Gas & Water Supply	0.37	0.42	0.48	0.55	0.65	0.74	0.37	14.87
Transport and Communication	0.53	0.57	0.62	0.67	0.72	0.78	0.25	8.03
Rest of other Sectors	3.22	3.41	3.62	3.73	3.99	4.31	1.09	6.00
Total	22.22	22.98	23.77	24.38	25.49	26.59	4.37	3.66

The backlog of unemployment at the beginning of the 1990-91 has been estimated as 2.17 lakh person years. It has also been seen that the net addition to the labour force during the 1990-95 would be 2.19 lakh person years. These figures indicate the overall magnitude of employment to be generated during 1990-95. It is expected that additional employment of the order of 4.37 lakh persons would be generated during the 1990-95 with an implied growth rate of 3.66% per annum.

From what has been stated above, it is evident now that strategy of planning for employment would call for sufficiently higher employment growth rate of more than 3% per annum so as to clear the backlog of unemployment.

### CHAPTER-III

#### EIGHTH FIVE YEAR PLAN 1990-95 AND ANNUAL PLAN 1991-92- AN OUTLINE

The National Development Council in its meeting held on 18-19 June, 1990 adopted the framework for the Eighth Five Year Plan 1990-95 which enshrines the objectives of the Eighth Plan alongwith the main programme thrust. The basic objective 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. The plan will seek to give operational content to the commitment to guarantee the right to work to every citizen through appropriate development programmes. 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. With these macro considerations and the concomitant micro-considerations in view, the national Eighth Plan objectives have been listed as under:-

(1) Removal of rural-urban disparities both/ <sup>with</sup> regard to (a) income and consumption per head and (b) access to education, health, transport and other essential services. Thus greater emphasis will be given to rural development. Towards this end, emphasis will be laid on (i) making agriculture a more stable and productive employment through expansion of irrigation and other facilities; (ii) more equitable access to resources and inputs within the rural society; (iii) productivity of rain-fed 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 enterprise; (v) sensitivity to employment and regional dimensions of agricultural growth and modernisation, and (vi) the need to ensure fair rewards and well-being of the rural labour;

(2) Develop a comprehensive social policy that addresses itself to marginalised and excluded sections of society including the Scheduled Castes, The Scheduled tribes and backward classes;

(3) Improve the quality of human resources through (i) emphasis on the containment of population growth; (ii) a major overha-ul of educational policy to achieve the goal of elimination of illiteracy by the end of 1990 and making education a resource for the mass of the people to enable them to participate in the productive process and avail of the right to work and (iii) restructuring the system of health and nutrition with a view to raising the levels of living and quality of life of the people;

4. Promote adequate production of mass consumer goods, particularly through labour intensive manufacture with assured supply of raw materials, credit and marketing facilities and a re-generated democratic cooperative movement supplemented by voluntary organisations and association of craftsmen and ensure that fiscal and other concessions meant for the traditional industry are not unfairly appropriated by others and by reservation, where necessary;

5. Expand infrastructural facilities as well as the supply of key intermediate and capital goods to meet growing requirements. Greater efficiency in production and conservation in use would be given precedence over creation of new capacity in energy and capital intensive sectors;

6. Review carefully (i) all proposals for new, large investments with the aim of working out a phased programme in consonance with the new priorities in and multiple demands on investment resources; (ii) work out long term programme for efficient development of selected key industries in collaboration with the relevant organisations, paying particular attention to upgrading continuously indigenous engineering capabilities in research and design and (iii) provide guidance for the pattern of private industrial development along socially desirable lines through development of financial institutions in terms of their control over equity in the private corporate sector;

7. To induce innovative approaches to development through inputs of science and technology which has to be made responsive to the needs of the people, especially those living in rural areas and to the concerns of employment, environment and promotion of self-reliance;

8. To lay thrust on exports in order to reduce dependance on external resources;
9. To contain imports through measures for selective import substitution, a more efficient use of imported material and avoiding imports related to in-essential consumption;
10. Completion of democratic decentralisation in a phased manner during the Eighth Plan.

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 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 rural development programmes more effective farmers, through (i) measures to make the 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 5.5 per cent per annum is also visualised.

The formulation of State's Eighth Five Year Plan 1990-95 has followed, by and large, the framework of the objectives of National Plan with adjustments necessitated by local needs and conditions.,

The guidelines issued by the Planning Commission vide their d.o. letter No. PC(P)1/8/1/90, dated the 29th August, 1990 envisage that 90 per cent of the share of central funds on account of centrally sponsored schemes which are under consideration for transfer to the State Plan are required to be built into the State Plan. Accordingly, the proposed Eighth Plan outlay 1990-95 has been projected at Rs. 3022.00 crore which includes Rs. 298.96 crore on account of Centrally Sponsored Schemes. The outlay for these schemes is the result of 1991-92 central outlays being 90 per cent of the actuals/ anticipated receipts for 1990-91 and then projected at a nominal 10 per cent mark-up each year. It will be important to mention here that this reduction for 1991-92 will pose serious problems to us in such cases where the Central Sector support is used for staff expenditure. Even otherwise, the programme content of all the Centrally Sponsored Schemes is bound to fall at least by 10 per cent during 1991-92 as compared to 1990-91.

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, cooperation, 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.

The sectoral distribution of Eighth Five Year plan outlay, approved Annual Plan Outlay for 1990-91 and proposed outlay for Annual Plan outlay for 1991-92 according to the above stated three broad sectors are as under:-

Sub. National Systems ~~Unit~~  
National Institute of Educational  
Planning and Administration  
17-B, Sri Aurobindo Marg, New Delhi-110016  
DOC. No.....  
Date.....



(Rs. in crore)

Sector	Proposed Eighth Plan 1990-95 Plan outlay			Anticipated Expenditure 1990-91	Proposed Outlay 1991-92		
	State Sector	Centrally Sponsored Schemes outlay	Total		State Sector	Centrally Sponsored Schemes Outlay	Total
1.	2.	3.	4.	5.	6.	7.	8.
A. ECONOMIC SERVICES	1870.86	188.98	2059.84 (68.1)	240.59 (66.8)	319.43	38.99	358.42 (68.2)
B. SOCIAL SERVICES	811.05	109.98	921.03 (30.5)	112.65 (31.3)	135.70	24.20	159.91 (30.4)
C. GENERAL SERVICES	41.13	-	41.13 (1.4)	6.76 (1.9)	7.67	-	7.67 (1.5)
TOTAL:	2723.04	291.96	3022.00 (100)	360.00 (100)	462.80	63.20	526.00 (100)

It would be seen that the Economic Services sector claim a major share, 68.1 per cent of the total Eighth Five Year Plan size followed by Social Services sector 30.5 per cent and General Services 1.4 per cent. The same percentages follow in the Annual Plans, as well.

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)

Head of Development	Proposed Eighth Plan Outlay	Approved Annual Plan Outlay 1990-91	Proposed Annual Plan Outlay 1991-92
1.	2.	3.	4.
1. Power	572.51	59.40	82.66
2. Water Supply	307.50	30.25	50.10
3. Education including Technical Education	275.21	36.75	49.59
4. Roads and Bridges	272.50	38.00	50.00
5. Forestry including wild life	238.75	26.70	38.50
6. Crop Husbandry including Soil Conservation	186.42	20.22	36.83
7. Industries	148.10	11.00	28.24
8. Rural Dev.	144.50	11.26	29.11
9. Irrigation and Flood Control	139.75	26.25	38.76
10. Health	132.48	12.65	24.90
11. Housing	40.89	11.50	7.94
12. Tourism	23.25	2.15	4.00
<b>TOTAL:</b>	<b>2481.86</b>	<b>286.13</b>	<b>440.63</b>
Percentage to total proposed plan Outlay	82.33	79.48	83.70

These important heads of development together claim percentage share of about 82.33 per cent of the total Eighth Plan 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;
- (iii) Rural Roads;
- (iv) Elementary Education;
- (v) Adult Education;
- (vi) Rural Health;
- (vii) Rural Water Supply;
- (viii) Rural Sanitation;
- (ix) Rural house-site-cum-construction scheme;
- (x) Environmental improvement of urban slums;
- (xi) Nutrition;
- (xii) Public Distribution System.

The proposed Eighth Plan outlay for Minimum Needs Programme has been envisaged at Rs. 497.59 crore. Against the approved Annual Plan Outlay 1990-91, an outlay of Rs. 85.47 crore has been proposed for at Rs. 62.99 crore, <sup>^</sup> Annual Plan 1991-92. The programme-wise details are as under:-

(Rs. in lakh)

Programme	Eighth Plan Proposed Outlay 1990-95	Annual Plan 1990-91		Proposed Outlay 1991-92
		Approved Outlay	Anticipated Expenditure	
1.	2.	3.	4.	5.
1. Rural Electrification	50.00	-	10.00	10.00
2. Rural fuelwood	940.00	225.00	170.00	165.00
3. Rural Roads	7920.00	1145.00	1100.00	1500.00
4. Elementary Education	8375.30	1427.45	1427.45	1477.52
5. Adult Education	564.00	43.55	115.44	111.30
6. Rural Health	4585.00	541.00	546.55	747.00
7. Rural Water Supply	21700.00	2535.00	2535.00	3500.00
8. Rural Sanitation	625.00	45.00	45.00	125.00
9. Rural Housesite-cum- construction scheme	125.00	5.00	10.00	20.00
10. Environmental Improvement of Urban Slums	180.00	50.00	50.00	48.00
11. Nutrition	2900.00	225.00	225.00	485.00
12. Public Distribution System	1795.00	57.00	257.00	358.00
TOTAL:--	49759.30	6299.00	6491.44	8546.82

### Tribal Sub Plan:

The Fifth Plan (1974-79) saw a sea change in planning process when the strategy of Sub Plan, a 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 per cent 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.

The proposed Eighth Plan outlay for Tribal Sub Plan has been arrived at Rs. 271.95 crore. Against the anticipated expenditure of Rs. 32.40 crore during 1990-91, an outlay of Rs. 47.39 crore has been proposed for 1991-92.

### 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 per cent of the total State Plan outlay towards formulation of Special Component Plan for Scheduled Castes.

The proposed Eighth Plan outlay for Scheduled Caste Component Plan is Rs. 334.57 crore. Against the anticipated expenditure of Rs. 42.06 crore during Annual Plan 1990-91, an outlay of Rs. 61.40 crore has been proposed for Annual Plan 1991-92.

The schematic both with regard to financial and physical content are discussed in the sectoral programmes.

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## C H A P T E R - IV -

### THRUST ON RURAL DEVELOPMENT IN EIGHTH FIVE YEAR PLAN:

#### INTRODUCTION:

Himachal Pradesh has an area of 55,673 kms. and a population of 42.81 lakh according to 1981 Census. The density of population is 77 persons per square Km. as compared to 216 at the all India level. As much as 92 per cent of population lives in rural areas and the remaining Eight per cent is located in 46 towns. Scheduled Castes form 24.6 per cent of population while Schedule Tribes account for 4.6 per cent. The areas comprising of Kinnaur District, Lahaul and Spiti District and Bharmour and Pangri 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 per cent 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 of total workers
1.	2.	3.	4.	5.
I. Cultivator	10.020	3.210	13.230	72.94
II. Agricultural Labourers	0.400	0.106	0.506	2.79
III. Livestocks, Forestry, Fishing, Hunting and Plantations, orchards and 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 per cent of the total workers and the rest 24.27 per cent 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:-

1. Size of Hold- ings (Hect.)	2. Category	3. Number of Hold- ings (in '00 No )	4. Area '00 (Hect.)	5. Average size of Holdings
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 and 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 landholdings. The semi-medium and medium holdings together constitute 17.2 per cent and the large holdings cover only 0.7 per cent. 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 per cent of the plan investment goes to the rural areas. According to the guidelines sent by the Planning Commission, an exercise on Seventh Plan investment shows that 66 per cent of the total investment flows to the rural areas as against the Approach Paper norm of 50 per cent.

#### Eighth Plan and Annual Plans:

Before discussing the flows of rural areas during the Eighth Plan as well as Annual Plan 1990-91 and 1991-92, 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 identifiable 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 Cooperation;

(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:-

(1) 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 per cent.

(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 0.49 per cent 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 per cent 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 per cent of the investment goes to rural economy. As such 90 per cent 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 per cent.

(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 reveal that 22 per cent 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 per cent.

### 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 per cent, 20 per cent, 70 per cent and 70 per cent 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 proposed Eighth Plan outlay works out to 67.07 per cent. Against the percentage of 68.36 per cent during the Annual Plan 1990-91, the percentage for proposed Annual Plan 1991-92 comes to 69.74 per cent. Thus it would be seen that the investment flows to rural areas exceed the national norm of 50 per cent. The details are contained in Statement-VIII.



## A-ECONOMIC SERVICES

### 1. AGRICULTURE AND ALLIED ACTIVITIES

#### A. Crop Husbandry

##### (a) AGRICULTURE :

(Rs. in Lakh)

Seventh Plan approved outlay (1985-90)	3178.50
Actual Expenditure (1985-90)	2752.63
Approved outlay (1989-90)	676.15
Actual Expenditure (1989-90)	993.43
Proposed Eighth Plan outlay (1990-95)	7384.00
Approved Annual Plan (1990-91)	1081.65
Anticipated Expenditure (1990-91)	1081.65
Proposed outlay (1991-92)	1453.45

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% 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 55.74 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 (Hectares)	Category	No. of Holdings (in '00s)	Area '00 (Hects.)	Average size of Holdings.
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 here as 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 of area. 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.

Under the Crop Husbandry programme of the Agriculture an outlay of Rs. 3178.50 lakh was approved for the Seventh Five Year Plan. Against this outlay actual expenditure incurred was Rs. 2752.73 lakh. The performance of agriculture sector as a whole is given in the following paras.

#### 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 peak level of 13.40 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.

### 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. 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

### 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. Maize	89.750	90.000	92.424	96.300	100.000
2. Paddy	90.250	90.000	65.000	82.000	91.500
3. Wheat	315.000	320.000	275.010	335.000	337.000

### Plant Protection :

With a view to increase 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
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

**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 Eighth plan outlay (1990-95) in respect of Crop Husbandry sector has been proposed at Rs.73.84 crore which includes Rs 55.74 crore for State sector schemes and Rs. 18.10 crore for Centrally Sponsored Schemes new proposed to be transferred to State Plan. The approved outlay for 1990-91 has been of the order of Rs. 10.89 crore which is likely to be utilised in full. The proposed outlay for 1991-92 has been kept at Rs. 14.53 crore which includes Rs. 3.90 crore for centrally sponsored schemes.

The scheme-wise details are as under :-

1. Direction and Administration :

Since there has been Non-Plan transfers to Eighth Plan and as such it is a continuing scheme from the Seventh Plan. The Eighth Plan outlay for this scheme has been proposed at Rs. 200.00 lakh. Against the Plan outlay of Rs. 21.75 lakh during 1990-91 an outlay of Rs. 27.50 lakh has been proposed for Annual Plan 1991-92.

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. For the Eighth Five Year Plan an outlay of Rs. 1570 lakh has been proposed for these activities. Against an outlay of Rs. 28.00 lakh during Annual Plan 1990-91 an outlay of Rs. 272.00 lakh has been proposed for 1991-92 including Centrally Sponsored Schemes. This outlay includes Rs. 85.50 lakh for improvement of rice under foodgrain production programme Rs. 140 lakh for Special Maize Production programme and Rs. 4.00 lakh for establishment of 2 new seed for cereals and potato crops. The schematic details of which are as under :-

(Rs. in Lakh)

Name of the Scheme	8th Plan proposed outlay.	1990-91 Outlay	Anticipated Expenditure	1991-92 Proposed outlay.
1. Development of seed multiplication Farms	150.00	3.74	3.74	8.50
2. Construction of seed stores.	60.00	1.50	1.50	3.00
3. Seed testing/certification laboratory Grant-in-aid.	90.00	4.00	4.00	10.00
4. 100% subsidy on transportation of cereals and 50% subsidy to SC's/ ST's farmers.	200.00	17.76	17.76	25.00
5. Improvement of Rice under foodgrain production programme	405.00	1.00	1.00	85.50
6. Food Production programme of maize & millets	665.00	-	--	140.00
<b>Total:-</b>	<b>1570.00</b>	<b>28.00</b>	<b>28.00</b>	<b>272.00</b>

### 3. Manure & Fertilizer :

The Eighth Plan proposed outlay under this programme is Rs. 1135 lakh. The approved outlay for Annual Plan 1990-91 is Rs. 157.90 lakh which is likely to be utilised in full. The proposed outlay for Annual Plan 1991-92 is Rs. 172.50 lakh which includes Rs. 10 lakh for National Project on Development of fertiliser in low consumption rainfed area. The scheme wise details are as under :-

#### 1) Distribution of Fertilizer :

The distribution of fertilizer is being carried out in the State through HIMFED which is an apex cooperative body. There is a three tier system of distribution of fertilizer in the State, namely HIMFED at the State level, District Federation at District level and primary agricultural cooperative societies at village level. Efforts are a foot to increase the fertilizer consumption in the state as also to deliver fertilizer in time. The actual consumption of fertilizer in the State during Seventh Plan and targets for the years 1990-91 and 1991-92 are depicted as under :

Year	Consumption (tonnes)
1985-86	23664
1986-87	24112
1987-88	25245
1988-89	30298
1989-90	25570
1990-91 (Target)	32773
1991-92 (Target)	34750

The trend of fertilizer consumption in Himachal Pradesh over the years indicate an increase of about 10-12% every year. Against the total yearly increase in fertilizer consumption, over 90% increase is confined to Nitrogenous fertilizers. The increase in consumption of Phosphatic and Potassic fertilizer is comparatively low. Keeping in view the trend of fertilizer consumption a target of 34750 tonnes nutrients has been kept for 1991-92. An outlay of Rs. 1005 lakh for the Eighth Five Year Plan, an outlay of Rs. 156 lakh has been proposed for Annual Plan 1991-92. The anticipated expenditure for the Annual Plan 1990-91 is Rs. 155.35 lakh.

The proposed outlay for the Eighth Five Year Plan anticipated expenditure for Annual Plan 1990-91 and proposed outlay for Annual Plan 1991-92 of other activities undertaken under this programme are depicted as under :

(Rs. in Lakhs)

Name of the Scheme	8th Plan Proposed outlay	1990-91 Outlay.	Anticipated Expenditure	1991-92 Proposed outlay.
1. Distribution of Fertilizer.	1005.00	155.35	155.35	156.00
2. Development of local manure resources.	---	0.10	0.10	---
3. Soil Testing Centre.	40.00	0.90	0.90	5.00
4. Soil Testing Centre Kinnaur.	10.00	1.00	1.00	1.00
5. Fertilizer promotion.	----	0.05	0.05	--
6. Quality Control of inputs.	10.00	0.50	0.50	0.50
7. National Project on Dev. Fertilizer use in low consumption rainfed areas				
(a) National Project on Development of fertilizer in low consumption rainfed areas	10.00	---	---	2.00
(b) Additional outlets	60.00	---	---	8.00
<b>Total:</b>	<b>1135.00</b>	<b>157.90</b>	<b>157.90</b>	<b>172.50</b>

#### 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. Against the proposed outlay of Rs. 100.00 lakh for Eighth Five Year Plan, an outlay of Rs. 17.00 lakh has been proposed for the Annual Plan 1991-92. The anticipated expenditure for Annual Plan 1990-91 is Rs. 12.00 lakh.

The physical targets and achievements under the High Yielding Varieties for the Seventh Plan and Annual Plan 1990-91 is as under:-

Item	Unit	8th plan Target	1990-91 Actual Achievement	1991-92 Proposed Target
<b>1. Rice</b>				
a) Total Cropped Area	000 Hect.	107.00	105.00	105.00
b) Area under HYV.	000 Hect.	93.00	92.00	92.00
<b>2. Wheat</b>				
a) Total Cropped Area	000 Hect.	360.00	360.00	360.00
b) Area under HYV	000 Hect.	345.00	340.00	340.00
<b>3. Maize</b>				
a) Total Cropped Area	000 Hect.	304.00	300.00	300.00
b) Area under HYV	000 Hect.	105.00	102.00	102.00
a) Total area under cereals	000 Hect.	771.00	765.00	765.00
b) Total area under HYV	000 Hect.	543.00	534.00	534.00

#### 5. Plant Protection :

Under this scheme against the proposed outlay of Rs. 200.00 lakh for Eighth Plan, an outlay of Rs. 28.00 lakh has been proposed for the Annual Plan (1991-92). The anticipated expenditure for the Annual Plan 1990-91 is Rs. 17.00 lakh. This programme covers the following two schemes the financial details of which are given as under :

Name of the Scheme	(Rs. in lakh)			
	8th Plan Proposed outlay	1990-91 outlay	Anticipated Expenditure 1990-91	1991-92 Proposed outlay.
1. Plant Protection	140.00	17.00	17.00	18.00
2. Control of Pests and diseases of Agricultural importance 50:50	60.00	--	--	10.00
<b>Total :</b>	<b>200.00</b>	<b>17.00</b>	<b>17.00</b>	<b>28.00</b>

These are continued schemes and the provision has been kept for meeting the expenditure on transportation and 25% subsidy on the cost of plant protection material.



## 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 Eighth Plan a provision of Rs. 805.00 lakh has been proposed under this scheme. Against an anticipated expenditure of Rs. 156.00 lakh during annual plan 1990-91, and outlay of Rs. 142.10 has been proposed for the annual plan 1991-92.

The financial breakup for the schemes under operation during the Eighth Plan is here as under :

Name of the Scheme	(Rs. in Lakh)			
	8th Plan Proposed Outlay	1990-91 Outlay	Anticipated Expenditure (1990-91)	1991-92 Proposed outlay
1. Dev. of seed potato	160.00	18.97	18.97	21.00
2. Support Price to Potato	90.00	50.00	50.00	50.00
3. Production of Seed potato in Tribal Area	80.00	16.00	16.00	18.00
4. Dev. of Vegetable including farm	100.00	10.12	10.12	12.00
5. Dev. of Ginger and other species	80.00	2.83	2.83	3.00
6. Dev. of Soyabean sunflower pulses and oilseeds	100.00	3.53	3.53	5.00
7. GIA to Potato Dev. Board	10.00	0.05	0.05	0.10
8. Crop Insurance	60.00	50.00	50.00	10.00
9. National Oil Seed Dev. Project(50:50)	45.00	3.50	3.50	9.00
10. Tissue culture lab (under IHDP)	60.00	--	--	10.00
11. Oil Seeds & Pulses(50:50)	20.00	1.00	1.00	4.00
<b>Total :</b>	<b>805.00</b>	<b>156.00</b>	<b>156.00</b>	<b>142.10</b>

## 7. Extension and Farmers Training :

During the Eighth Plan an outlay of Rs. 2255.00 lakh has been proposed for this scheme. Against an anticipated expenditure of Rs. 653.15 lakh, a provision of an outlay of Rs. 577.40 has been proposed for the Annual Plan 1991-92. This programme covers the following schemes, their financial details are outlined in the following table :

(Rs. in Lakh )				
Name of the Scheme	8th Plan outlay	1990-91 outlay	Anticipated Expenditure 1990-91	1991-92 Proposed outlay
1. Agriculture information service.	45.00	0.15	0.15	5.00
2. Multiple Cropping	15.00	1.37	1.37	1.40
3. Crop Competition/ Demonstration on the fields of SC farms	30.00	6.00	6.00	6.00
4. Improvement of Grass and Fodder	--	0.10	0.10	--
5. Farmer Training and Education	15.00	1.75	1.75	2.00
6. Additional hostel accommodation at Mashobra/S.Nagar	20.00	0.75	0.75	--
7. Establishment of Sale centre	20.00	1.63	1.63	--
8. World Bank assisted T&V Programme	1628.65	350.00	350.00	400.00
9. USAID Project	441.35	285.00	285.00	156.00
10. EEC Project for Women	5.00	2.00	2.00	1.00
<b>Total :</b>	<b>2220.00</b>	<b>648.75</b>	<b>648.75</b>	<b>571.40</b>

The write up in respect of foreign aided projects being implemented to the Agriculture Department 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 Scheme, 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. As against the proposed outlay of Rs. 441.35 lakh for the entire Eighth Plan period, a provision of Rs. 156.00 lakh has been proposed for the Annual Plan 1991-92. An anticipated expenditure of Rs. 285.00 lakh under this is for 1990-91.

## 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 with the terminal year of 1993-94. A provision of Rs. 1628.65 lakh has been proposed for the entire Eighth Plan. As against the anticipated expenditure of Rs. 350.00 lakh during 1990-91, an outlay of Rs. 400.00 lakh has been proposed for the Annual Plan 1991-92.

## B. Agriculture Economics and Statistics :

The proposed outlay for the Eighth Five Year Plan is Rs. 115.00 lakh. Against the anticipated expenditure of Rs. 8.00 lakh during 1990-91, a provision of Rs. 20.00 lakh has been proposed for the annual plan 1991-92. This programme covers the following four schemes :

(Rs. in Lakh )

Name of the Scheme	8th Plan Proposed outlay	1990-91 outlay	Anticipated Expenditure (1990-91)	1991-92 Proposed outlay.
1. Planning & Evaluation Machinery.	12.00	--	0.25	2.00
2. Timely reporting Scheme (50:50)	63.00	4.75	4.75	11.00
3. Improvement of Crop Statistics (50:50)	40.00	3.00	3.00	7.00
<b>Total :</b>	<b>115.00</b>	<b>8.00</b>	<b>8.00</b>	<b>20.00</b>

### 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 Plan 1990-91 and 1991-92 as are depicted in the following table:

(Rs. in Lakh )

Name of the Scheme	8th Plan Proposed outlay	1990-91 outlay	Anticipated Expenditure (1990-91)	1991-92 Proposed outlay.
1. Agriculture implements and other machinery.	84.00	5.00	5.00	14.00
2. G.I.A. to H.P. Agro Industries Corporation	60.00	5.00	5.00	10.00
<b>Total :</b>	<b>144.00</b>	<b>10.00</b>	<b>10.00</b>	<b>24.00</b>

10. 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. Against the proposed outlay of Rs. 860.00 lakh for the Eighth five Year Plan, an outlay of Rs. 172.50 lakh has been proposed for Annual Plan 1991-92. The anticipated expenditure for Annual Plan 1990-91 is Rs. 17.25 lakh.

## 6) HORTICULTURE

		(Rs. in Lakh)
Seventh Plan approved outlay	(1985-90)	2385.00
Actual Expenditure	(1985-90)	1848.41
Approved Annual Plan outlay	(1989-90)	567.00
Actual Expenditure	(1989-90)	491.53
Proposed Eighth Plan outlay	(1990-95)	5106.00
Approved Annual Plan outlay	(1990-91)	586.00
Likely Expenditure during	(1990-91)	586.00
Proposed outlay for Annual Plan	(1991-92)	1054.00

The development of Horticulture in Himachal Pradesh is not only the basic and fundamental necessity for the economic upliftment of its people but is equally important for the nation as a whole. The systematic development of Horticulture in Himachal Pradesh has only been taken up after independence. During the pre-independence period, there had been practically no or very little development of Horticulture. However, pioneering efforts were made by few Europeans and American Missionaries by way of the introduction of the different varieties of temperate fruits particularly apples. Similarly some princely estates also made an efforts for the introduction of fruit cultivation in the area ruled by them. It is only after the launching of five year plans in 1951-52 that the introduction of Horticulture started receiving attention. During the year 1950-51, the total area under all fruits were 792 hect. with an annual production of 1200 tones which has increased to 1,56,469 hectares, with an annual production of 4,59,990 tonnes by the end of Seventh Plan. The figures given in the table below depicts the plan wise information regarding area and production of fruits.

### AREA AND PRODUCTION UNDER FRUITS

Year/Plan	End of	Area under fruits (Hect.)	Production (Tonnes)
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 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 in the strengthening of horticulture 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 technology and transfer of technical know-how to the fruit growers under 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 plan.

Another major development is the introduction of large number of improved high yielding varieties of different fruits particularly of temperate fruit crops from advanced countries which has been established as mother trees on selectra progeny-cum-demonstration orchards.

The past harvest management was also given due attention during the seventh plan. The support price policy for the fruit crops was introduced. Besides this, incentives in the form of subsidy was provided on the C.F.B. cartons. The timely and adequate arrangement for the supply of fungicides enabled the fruit growers to contain the most dreaded disease of apple scab. The efficient equipments like power sprayers were also distributed to the fruit growers under central sponsored scheme for effective control of pests and diseases on the orchards.

Against the approved Seventh Plan provisions for the development of horticulture (Crop Husbandary) of Rs. 2385.00 lakh. The actual expenditure incurred during this plan period was Rs. 1848.45 lakh.

#### **Eighth Plan 1990-95 and Annual Plan 1991-92**

The proposed Eighth Plan outlay for Horticulture is Rs. 5106 lakh. This includes Rs. 206 lakh for the centrally sponsored schemes to be transferred to state plan from annual plan 1991-92 onwards. Against the approved plan of Rs. 586 lakh for the Annual Plan 1990-91, the proposed outlay for Annual Plan 1991-92 is Rs. 1054 lakh which includes Rs. 46 lakh for the centrally sponsored schemes.

#### **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.

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 Seventh Plan period an outlay of Rs. 30.00 lakh was kept under this scheme. Against this, an expenditure of Rs. 24.94 lakh was incurred on this scheme. The approved outlay for the year 1990-91 is Rs. 4.00 lakh. Rs. 5.00 lakh has been proposed for the year 1991-92 out of the total proposed outlay of Rs. 35 lakh for the entire period of Eighth Five Year Plan.

#### 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 with a zone of impact in 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 Eighth Plan an outlay of Rs.324.00 lakh has been proposed. Against the approved Plan outlay of Rs. 36.51 lakh for annual Plan 1990-91, the proposed outlay for 1991-92 is Rs. 50 lakh. As a result of this investment, the targets set are as under :

Particulars	Unit	Eighth Plan targets	1990-91 likely achievements	1991-92 targets
Establishment of Elite Gardens	Nos.	5	-	-
Establishment of New Fruit Nurseries.	Nos.	5	1	1
Progeny-cum-Demonstration orchards/Nurseries to be maintained.	Nos.	61	61	61
Production of Nursery Fruit Plants.	Lakh	85	17	17
Multiplication of improved root stock.	Lakh Nos.	16.50	0.80	0.80

## 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 Kulu 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 trails regarding efficiency of various nutrients in the fertilizer.

The proposed outlay for Eighth Plan is Rs. 30 lakh. Against the approved plan of Rs. 5 lakh for 1990-91 an outlay of Rs. 5.50 lakh has been proposed for Annual Plan 1991-92.

#### 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 lakhs)

Name of Programme	Seventh Plan outlay	Eighth Plan proposed outlay (1990-95)	Anticipated Expenditure 1990-91.	Proposed outlay 1991-92.
1. Control of General pests and disease	142.50	35.00	4.90	5.50
2. Control of Apple scab	262.50	445.00	29.00	76.00
3. Improved Tech. for quality apple protection.	45.00	-	-	-
4. Control of Pests and diseases of Mango and citrus crops.	-	65.00	-	10.00
	450.00	545.00	33.90	91.50

The proposed outlay for the Eighth Plan outlay is Rs. 545 lakh. Against the anticipated expenditure of Rs. 33.90 lakh for Annual Plan 1990-91, an outlay of Rs. 91.50 lakh has been proposed for 1991-92.

#### 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 the training courses 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.

The proposed outlay for the Eighth Plan is Rs. 32 lakh. Against the approved Annual Plan 1990-91 outlay of Rs. 2.50 lakh, Rs. 3.50 lakh has been proposed for 1991-92. The schematic outlays are as under :

(Rs. in lakhs)

Particulars	8th Plan proposed Outlay	Anticipated expenditure (1990-91)	Proposed outlay (1991-92)
1. Training to educated rural youths for whole time self employment	12.00	0.75	0.90
2. Training in various horticultural operations to rural unemployed for taking part-time or whole time employment in horticulture industry	9.00	0.45	0.60
3. Organising district level training camps-cum-seminars	2.50	0.30	0.50
4. Creating training facilities to the farmers at departmental units.	3.50	0.50	
5. Organising farmers study camps	5.00	1.00	1.00
	32.00	3.00	3.00

The details of the physical targets fixed under this scheme are as under:

Programme	Unit	Target for 8th Plan	Target for 1990-91	Target for 1991-92
1. Farmers to be trained for self employment.	Nos.	1250	250	250
2. Farmers to be trained for part-time employment	Nos.	1200	100	100
3. Farmers to be trained at district level training camps	Nos.	11000	1200	1200
4. Farmers to be benefitted by the study tours	Nos.	600	120	120
5. Creation of staying facilities for the trainees at dept. unit	Nos.	10	-	-

## b) Horticulture Extension

Under this scheme 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 intergal 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 trails on farmer's fields.
- vii) To provide training to farmers and women folk in the rural areas of the Pradesh

### National Agricultural Extension Project III

During the Seventh Plan period an outlay of Rs. 85.00 lakh was provided for the implementation of this scheme. Against this, the actual expenditure incurred was Rs.324.28 lakh. The proposed outlay for this project during 8th Plan is Rs.1030 lakh. Against the anticipated expenditure of Rs. 226.60 lakh during 1990-91 an outlay of Rs. 270 lakh has been proposed for 1991-92. The details of the various programmes under this scheme are as under:

(Rs. in lakh)			
Programme	8th Plan proposed outlay	Anticipated Expenditure 1990-91	Proposed outlay 1991-92
1. National Agr. Extension Project NAEP-III	1020.00	221.60	265.00
2. Sub Project TV Training in Fruit Preservation.	10.00	5.00	5.00
Total	1030.00	226.60	270.00

### c) Horticulture Development

This is the major programme of the Horticulture Department aiming at the creation of infrastructural facilities in the State for the promotion of all types of fruit crops and other horticultural crops in their potential area. The proposed outlay for the Eighth Five Year Plan is Rs. 390 lakh. Against the anticipated expenditure of Rs. 45.14 lakh during 1990-91, an outlay of Rs. 68.50 lakh has been proposed for Annual Plan 1991-92. The details of the various programmes in operation are depicted as under:

(Rs. in lakh)

Programmes	8th plan outlay	Anticipated Expenditure 1990-91	Proposed Outlay 1991-92
1. Dev. of Fruit Production	225.00	22.99	35.00
2. Horticulture Information	30.00	3.75	4.50
3. Dev. of Bee Keeping	35.00	5.75	6.50
4. Floriculture and land Scaping	40.00	5.00	10.00
5. Dev. of Hops	10.00	2.65	3.50
6. Dev. of Mushroom	50.00	5.00	9.00
<b>Total</b>	<b>390.00</b>	<b>45.14</b>	<b>68.50</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:

Item	Target fixed for the Additional area to be brought under fruits during		
	8th Plan	1990-91	1991-92
	(in Hecteres)		
1. Apple	7500	1500	1500
2. Other Temperate Fruits	6500	1300	1300
3. Nuts and Dry Fruits	3500	700	700
4. Citrus Fruits	10000	2000	2000
5. Other Sub Tropical Fruits	7500	1500	1500
<b>Total</b>	<b>35000</b>	<b>7000</b>	<b>7000</b>

The details of other physical targets fixed under this scheme for the Annual Plan 1990-91 are as under:

Particulars	Unit	Targets for the Annual Plan	
		1990-91	1991-92
1. Establishment of Museum cum information centre	Nos	1	1
2. Supply of Honey bee colonies to the private bee keepers	"	500	750
3. Production of honey on Govt. bee keeping stations	MT	5	7.50
4. Total Production of Honey in the State	MT	60	65
5. Production of Hops (Dry)	MT	12	13
6. Production of Mushroom	MT	500	550
7. Production of pasturised composite	MT	500	750

#### 6. Externally Aided Projects

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. 2204 Lakh has been proposed for the seven externally aided projects. Against the approved Annual Plan expenditure of Rs. 170 Lakh during 1990-91, an outlay of Rs. 478.50 Lakh has been proposed for 1991-92. The project wise allocations are as under:-

Rs. in Lakh

Name of Project	8th Plan proposed outlay	Anticipated Expenditure 1990-91	Proposed outlay 1991-92
1. Indo Italian Olive Project	50.00	15.00	10.00
2. Indo Dutch Mushroom Project	50.00	14.00	10.00
3. Hill Area Land and Water Dev. Project (USAID Project)	76.00	56.00	20.00
4. Integrated Horticulture Dev. Project	1800.00	81.00	40.00
5. Kandi Area Water shed Dev. Project	168.00	3.00	33.00
6. Changar Area Ecological Dev Project	55.00	1.00	5.00
7. Chamba valley Development Projects	5.00	--	0.50
	2204.00	170.00	478.50



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 all-round 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 Reveal 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. etc.
7. Establishment of new orchards and replantation of old orchards with new exotic varieties of various fruit spp.
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. The outlay of Rs. 1800.00 lakhs is proposed for the implementation of the project during the 8th Five Year Plan and an outlay of Rs. 40.00 lakhs has been proposed for the year, 1991-92 against budget outlay of Rs. 81.00 lakhs for the year, 1990-91. The tentative item-wise cost and physical targets under the project is summarised in the following tables :-

Project Components	Physical targets (Nos of units) Revised proposal	Proposed investment (Rs. in lakhs) Revised
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	30-100	----
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	2.0
(b) private orchardists	144 m/m	7.2
(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>

### Floriculture

Project Components	Physical targets (Nos of units) Revised proposal	Proposed investment (Rs. in lakhs) Revised
1. PRAM (only specific machinery tools & implements and inputs	1	6.93
2. VISA	2	11.46
3. Training abroad	16 m/m	8.00
4. Staff	54 Nos.	11.21
<b>Sub Total :-</b>		<b>30.411</b>
<b>Grand Total :-</b>		<b>404.242</b>

## 7. Special Subsidy Programme

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 Seventh Plan an outlay of Rs. 275.00 lakh was provided under this scheme. Against this the expenditure of Rs. 142.00 lakh was incurred during the first four years of the plan. The likely expenditure during the year 1989-90 is Rs. 34.70 lakh. This brings the total expenditure of Seventh Plan to Rs. 176.70 lakh. For the Annual Plan 1990-91, the provision of Rs. 45.00 lakh has been proposed, the financial details of the various programmes under this scheme for the Annual Plan 1990-91 is given in the following table:-

Name of Scheme	(Rs. in lakhs)		
	1990-95	1990-91	1991-92
1. Subsidy for the establishment of individual orchards @ 25% and 33.3% to small and marginal farmers and 50% to SCs/STs/OBCs	100.00	13.50	20.00
2. Subsidy for the development of Garden colonies	10.00	2.00	2.00
3. Subsidy for the development of bee keeping	10.00	2.00	3.00
4. Subsidy for the cultivation of Mushrooms	30.00	5.00	7.50
5. Centrally sponsored programme for providing assistance to small and marginal farmers for irrigation now being transferred to State Plan	25.00	5.00	5.00
6. Special package programmes for Apple, Cherry, Nuts and Dry fruits, Mango, Peach and Apricot plantations	30.00	3.50	3.50
7. Establishment of community gardens for the utilisation of waste land	15.00	3.00	3.00
8. Capital or interest subsidy for orchard plantation	25.00	3.00	3.00
9. Interest subsidy and Anti-hail Nets	25.00	3.00	3.00
10. Subsidy for Transportation of inputs	25.00	5.00	5.00
Total:-	270.00	35.00	40.00

## 8. 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 Eighth Plan, an outlay of Rs. 32 Lakh has been proposed which includes Rs. 16 Lakh for crop estimation surveys. Against the expenditure of Rs. 2 Lakh for 1990-91, an outlay of Rs. 6 Lakh has been proposed for 1991-92. This includes Rs. 4 Lakh for crop estimation surveys as well.

## 9. 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 Seventh Five Year Plan an outlay of Rs. 125.00 lakh was provided for this scheme. Against this, the actual expenditure incurred during the first four years of the Seventh Plan was Rs. 134.69 lakh. The likely expenditure for the year 1989-90 is Rs. 32.00 lakh. This brings the total expenditure to Rs. 166.69 lakh for the entire period of Seventh Plan. The proposed outlay for the Annual Plan 1990-91 is Rs. 40 lakh. It is proposed to take up the pilot plant for the manufacture of Cider and Wines during the Annual Plan 1990-91 in addition to the programmes already under operation.

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

(Rs. in lakh)

Programme	Proposed outlays		
	1990-95	1990-91	1991-92
1. Strengthening and Maintenance of Existing canning units of the department.	130.00	23.00	26.00
2. Establishment of new fruit processing units	15.00	---	2.00
3. Community canning Service	20.00	2.00	3.00
4. Standardisation of methods for preparation of new fruit products and processing factory waste utilisation	5.00	---	1.00
5. A pilot plant for the manufacture of Cider and Wines.	30.00	---	1.00
Total :-	200.00	25.00	33.00

#### 10. Miscellaneous Horticultural Dev. Schemes

##### 1. Grant-in-Aid to Horticulture Dev. Board and other Schemes

Himachal Pradesh Fruit Development Board, is doing the yeoman's job in promoting various aspects of horticulture in the the Pradesh. During the Eighth Plan, an outlay of Rs. 4.00 Lakh has been proposed. Against an outlay of Rs. 0.35 Lakh for 1990-91, an outlay of Rs. 0.40 Lakh has been proposed for Annual Plan 1991-92.

### C) Dry Land Farming :

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 75,000 hectares is likely to be covered by the end of 1990-91. During 1991-92, the total area to be covered would be 80,000 hectares. 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 100 selected mini-micro watersheds, 10,000 hectares of area would be covered under dry land farming practices.

During the Eighth Five Year Plan, an outlay of Rs. 125 lakh has been proposed. During Annual Plan, 1991-92 an outlay of Rs. 25 lakh has been proposed.

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

Item	Unit	8th Plan 1990-95 (Target)	Actual level of Achievements during 1985-90	Likely Achievements during 1990-91	Proposed Target 1991-92
<b>Development of Selected micro-watershed:</b>					
a) No. of watersheds to be taken up (cumulative)	Nos.	115	90	95	100
b) Area covered under watersheds (cumulative)	Hect.	11500	9000	9500	10000
c) Construction of water harvesting /storage structure (cumulative)	Nos.	115	90	95	100
e) Area covered outside the selected watersheds by dry farming practices. (cumulative)	Hect.	95000	71000	75000	80000
<b>Adoption of dry farming practices in and outside the selected watersheds:</b>					
a) Distribution of other improved agricultural implement seed-cum-fertilizer drills (cumulative)	Nos.	20000	17000	17500	18000
b) Distribution of Chemical fertilizers	M.T.	5000	3600	3800	4000
c) Distribution of improved drought-resistant seeds	Qtls.	1900	1850	1850	1850

## SOIL AND WATER CONSERVATION :

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 socioeconomic 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.

### a) Agriculture :

The following State and centrally sponsored schemes are under implementation in the agriculture department.

#### I. State Sector

- i) Soil and land use survey.
- ii) Soil and water conservation on agricultural lands.
- iii) National watershed Development Project:
- iv) Integrated watershed Development Project for Shivalik hills (Kandi area).
- v) Social Forestry and Economic Development Project for changer area.
- vi) Soil and water conservatin in catchment of river valleys.
- vii) Soil, water and tree conservation in the catchment of Himalayan Region.
- viii) Construction of water Storage Structures.

The prooosed financial outlays for the 8th Plan 1990-95 and for Annual Plans 1990-91 and 1991-92 are depicted as under:

(Rs. in Lakh)

Schemes	8th Plan Proposed Outlay	Likely Expenditure (1990-91)	Proposed Outlay (1991-92)
1. Soil and Land use Survey	5.00	1.00	1.00
2. Soil and water conservation on agricultural land	550.00	83.10	100.00
3. National watershed Development Project	560.00	20.00	67.00
4. Integrated watershed Development Project (Kandi area)	325.00	35.00	65.00
5. Social forestry and Economic Development Project for changer area	75.00	---	15.00
6. Soil and water conservation in catchment of river valleys	313.00	14.00	55.00
7. Soil and water conservation in catchment of Himalayan Region			
8. Construction of water Storage Structures	150.00	35.50	36.00
9. Grant of Soil Conservation loan written off	---	0.40	---
<b>Total</b>	<b>1978.00</b>	<b>189.00</b>	<b>339.00</b>

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

Item	Unit	8th Plan 1990-95 (Target)	Likely Achievements 1990-91	Proposed target 1991-92
<b>Soil Conservation on Agriculture Land:</b>				
i) Soil and Water Conservation on Agriculture land (Non Tribal)	Hect.	7400	1100	1100
ii) Soil conservation on agriculture land (Tribal Areas)	Hect.	900	135	135
iii) Survey on culturable waste land	Hect.	25000	3750	3750



b. Forests :

The State plan envisages following important activities under the soil conservation activities :

- i) Training of in-service personnel
- ii) Training of forest Rangers and officers at the Institutes established by Govt. of India in accordance with National Policy.
- iii) Maintenance of old plantations raised both under state and Centrally sponsored schemes.
- iv) Protective afforestation to bring about stabilisation in the hill eco-system.
- v) Execution of protective measures to save public and private property against ravages of erosion.
- vi) Soil conservation is one of the important activities of proposed Changar project.
- vii) Revamping of land use Board.
- viii) Construction of water harvesting structures.
- ix) Integrated watershed Development Project for Kandi areas.
- x) River Valley Project (Sutlej and Beas catchment).
- xi) Integrated watershed management in the catchment of Indo-Gangetic Basin.
- xii) Soil, Water and Tree conservation in Himalayas operation (Soil Watch).

The Proposed financial outlays for the Eighth Plan 1990-95 and Annual Plan 1990-91 and 1991-92 are depicted as under :

Rs. in Lakh

Schemes	8th Plan Proposed Outlay	Likely Expenditure 1990-91	Proposed Outlay 1991-92
1. Protective afforestation Soil Conservation and Demonstration	1150.00	125.00	160.00
2. River Valley Project Sutlej & Beas Catchment	1065.00	265.00	240.00
3. Integrated watershed management in the Catchment of Indo-Gangetic Basins	820.00	204.00	185.00
4. Soil, Water & Tree Conservation in Himalayas (operation SOIL WATCH)	980.00	240.00	220.00
5. State Land use Board	34.00	8.00	7.00
Total :-	4049.00	842.00	812.00

The schemes at Sr.No. 2 to 4 are Centrally Sponsored Schemes now proposed to be included in the State Plan from 1991-92 onwards.

### ANIMAL HUSBANDRY:

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, 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 kilometer 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 developmental head during the various plan periods, the level of the number of institutions catering to veterinary aid and other extension services reached has been depicted as under:-

1. Hospital	230
2. Dispensaries	514
3. Outlying Dispensaries	82
4. Hill Cattle Development Scheme Unit	34
5. Intensive Cattle Development Project	22
6. Key Village Scheme Units	58
7. Artificial Insemination Centres under Hospitals & 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

as

The table/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	520
2. Egg Production	Millions	49	52
3. Wool Production	Lakh Kg.	14	14

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.

With the activities proposed to be taken in hand, it is expected that the livestock production is likely to be as under:-

1. Milk Production('000 tonnes)	685
2. Eggs(Million)	68
3. Wool(Lakh Kgs.)	16

A provision of Rs. 19.70 crores has been proposed for the Eighth Plan and against that, the Department has been asked to take care of all the

schemes and programmes initiated during the 7th Plan except 30% of the liability (staff component is to be transferred to non-plan).

The continuing programme of the Seventh Plan which are to be carried to Eighth Plan would roughly cost Rs. 13 crores.

The new schemes and strengthening of existing programmes proposed to be taken up are as under:-

1) Direction and Administration:

A provision of Rs. 58 lakh has been proposed for the entire Eighth Plan period in order to strengthen the administrative set up at State, Zonal and district as well as field level. An outlay of Rs. 13.50 lakhs has been proposed for the Annual Plan 1991-92 under this head.

2) Education and Training:

Under this programme, a provision of Rs. 4 lakhs has been made for the entire Eighth Plan period to provide stipend to students undergoing Veterinary and Dairy Graduate Courses and Pharmacists Course, the provision also covers the cost of training of farmers in Animal Husbandry programmes. An outlay of Rs. 0.70 lakh is proposed for the Annual Plan 1991-92.

### 3) Veterinary Service and Animal Health:

During the Eighth Five Year Plan, for providing specialised animal health centres, it is proposed to have a four tier system, i.e. veterinary dispensary at village level, a hospital covering two dispensaries, a sub-divisional hospital and a distf. level hospital. The proposed setting pattern at varbus level is as (a) at veterinary dispensary- Veterinary Pharmacists-1 and Beldar-cum-Water Carrier-One(b) Veterinary Hospital-Veterinary Officer-1, Veterinary Pharmists-2, Sweeper-1, Beldar-cum-Water Carrier-1(c) at Sub-Divisional level- Senior Veterinary Officer-1, Veterinary Officer-1, Veterinary Supervisor-1, Veterinary Pharmists-2, Laboratory Assistant-1, Laboratory Attendant-1, Inseminator-1, Class-IV-5 and (d) at District Level- Principal Veterinary Officer-1, Veterinary Medicine Specialists-1, Pathologist-1, Gynaecologist-specialist-1, Surgical Specialist-1, Veterinary Officer-1, Laboratory Technicians-2, Laboratory Attendants-2, Storekeeper-1, Clerks-2, Class-IV-4. Besides, at district level, under staff for indoor ward, one Animal Husbandry Assistant and Ward Attendant is required.



The existing 83 outlying dispensaries which have no staff would be normalised and given the Status of Veterinary dispensaries, while opening new dispensaries, area of deficiency would be given top priority. At present, there are two disease investigation laboratories, one each at Kand and Jaori. There is also epidemiological unit at Shimla. It is proposed to consolidate these institutions at one central place. A provision of Rs. 407 lakh has been proposed during the Eighth Plan. Against this, an outlay of Rs. 54.50 lakh has been proposed for the Annual Plan 1991-92.

#### 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, one new scheme namely, Analysis and maintenance and assessment of Departmental scheme of Data of Breeding Farm/has been proposed. For this purpose, one Technical Assistant, one Statistical Officer, two Computers and twelve Statistical Investigators are required.

A provision of Rs. 22 lakh has been proposed for the Eighth Five Year Plan. An outlay of Rs. 6 lakh has been proposed for the Annual Plan 1991-92.

### 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 600 institutions and during the Eighth Plan, this facility shall have to be further extended to another 209 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, it is proposed to give honorarium to bull caretakers from amongst the farmers and also induct Lay Inseminators for adopting artificial insemination and veterinary aid as a side work.

In order to make use of latest advances in technology, it is proposed to take up a pilot project for embryo transfer. Besides this, to relieve the livestock owner of the burden of unproductive cattle, it is proposed to establish four more gosadans where unproductive cattle would be kept.

The frozen semen technology is being employed on a limited scale in buffaloes due to non-availability of facilities. In order to increase the area of operation, a frozen semen laboratory is proposed to be established during the Eighth Plan. As against the provision of Rs. 155 lakhs for the Eighth Plan period, Rs. 24.30 lakh has been proposed for Annual Plan 1991-92.

#### 6) POULTRY DEVELOPMENT:

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 popularising poultry development in the Pradesh, the work in this direction was taken up long 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. As against the provision of Rs. 55 lakh for Eighth Plan, an outlay of Rs. 11 lakh has been proposed for the Annual Plan 1991-92.

#### 7. SHEEP & 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 part of 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 the nomad Gaddi tribe of the Pradesh. Thus, in the tribal areas and other high hills, this is whole<sup>time</sup> 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 8th Plan, it is proposed to strengthen the existing sheep breeding farms where rams could be loaned out during breeding season and provide efficient sheep health cover. Besides these activities, the recently established Wool Federation would be given financial support to systematically undertake marketing of wool and thus assisting the wool producers in getting remunerative price for their produce. A provision of Rs. 122 lakh has been proposed for the Eighth Plan period. A proposal of Rs. 9.50 lakh is for the Annual Plan 1991-92 under this scheme.

**8) OTHER LIVESTOCK DEVELOPMENT:**

Under this category, the Animal Husbandry Department has already established Rabbit breeding farm and Spliti Pony Farm. Angora Rabbbit 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.

The main idea of establishing Pony farm is to preserve the genetic material available in the far-flung areas and also to improve the existing breed. The department has separately proposed a scheme to the Government of India for funding but till the source of funding materialises, it is imperative to continue the activities taken up during the Seventh Plan.

For Angoora rabbit scheme, additional staff has been proposed which comprises:-

Rabbit Geneticist	One
Veterinary Officers	Two
Extension Assistants (Animal Husbandry Assistants)	Five
Nursing Attendants	Six
Rabbit Attendants	Two; and
Stockmen(Veterinary Pharmacist)	One

A provision of Rs. 45 lakh has been proposed for the Eighth Plan. An outlay of Rs. 5.50 lakh has been proposed for the Annual Plan 1991-92.

#### 9) FEED AND 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 and grassland improvement work in the right direction.

It is estimated to induct 6000 farmers for taking up fodder and fodder seed production programme, i.e. 100 farmers in each block by envisaging distribution of five tonnes of grasses/legume seeds and 10 tonnes of fodder crop seeds. As against a provision of Rs. 40 lakh for the Eighth Plan 1990-95, an outlay of Rs. 120 lakh has been proposed for the Annual Plan 1991-92.

**(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 Food and Mouth diseases, etc. As against a provision of Rs. 25 lakh for the Eighth Five Year Plan, an outlay of Rs. 2.50 lakh is proposed for the Annual Plan 1991-92.

**(11) WELFARE OF SCHEDULED CASTES:**

Under this scheme, the identified (IRDP families) are supplied milch animals, poultry sheep, patch animals, pigs unit, dairy goats, insurance charges, balanced feed and equipments of 50% subsidy. Besides, due share of total plan outlays is provided to the SCs dominated areas to carry out the departmental activities.

The existing activities of opening of veterinary Hospitals and Veterinary Dispensaries in the Scheduled Caste dominated areas would be

continued and 20 new Veterinary Dispensaries, i.e. four in each year and upgradation of 15 Veterinary Dispensaries into Veterinary Hospitals would be established in these areas during the Eighth Plan.

Besides, Animal Health Cover and breeding facilities, it is proposed to popularise poultry development. Angora rabbit development and fodder development amongst the scheduled caste families, so that these families can also reap the benefit of new techniques and opportunities.

In order to govern the programme of Scheduled Caste Development, it has been long felt that a separate cell be created at the headquarter and some ancilliary staff is provided at the district level. A provision of Rs. 490 lakh has been proposed for the entire Eighth Plan period. An outlay of Rs. 88 lakh has been proposed for 1991-92.

#### 12) Development of Backward Areas:

In order to bring the backward pockets of the State to the main stream of development, the following specifically earmarked schemes are being implemented in the backward areas:-

- (i) Intensification of cross breeding through natural services;
- (ii) Education and Training;
- (iii) Holding of calf rallies & shows;
- (iv) Opening of veterinary dispensaries;
- (v) Establishment of sheep and wool extension centres;



- (vi) Building construction;
- (vii) Artificial insemination and breeding facilities;
- (viii) Upgradation of veterinary dispensaries into veterinary hospitals.

In order to bring the hitherto backward areas in the mainstream of development, the development has earmarked 10 per cent of its allocation for the activities exclusively to be taken up in the identified backward areas.

These activities include providing animal health cover breeding facilities, popularising of poultry production, Angora rabbit production, sheep production, etc. 10 New Veterinary Dispensaries would be opened during the Eighth Plan and five existing Veterinary Dispensaries would be upgraded to veterinary hospitals. As against a provision of Rs. 197 lakh for Eighth Plan, an outlay of Rs. 31 lakhs has been proposed for the Annual Plan 1991-92.

### 13) TRIBAL SUB PLAN:

As in the past, during the Eighth Plan too, separate funds for the development of tribal areas have been earmarked. The activities to be taken up in the tribal areas include opening of new veterinary dispensaries, providing breeding facilities for cattle and yak, popularising of Angora rabbit, sheep and wool production, horse and mule production. For monitoring the work of departmental activities at the District

headquarter of Kinnaur and Lehaul/<sup>&</sup>Spiti, posts of Enumerators have been provided. 10 New Veterinary dispensaries would be opened during the 8th Plan and 5 existing Veterinary Dispensaries would be upgraded to Veterinary Hospitals. A provision of Rs. 250 lakh has been proposed for Eighth Plan.

f this, the proposal for Annual Plan 1991-92 is Rs. 46 lakh.

14) CENTRALLY SPONSORED SCHEME:

Animal Husbandry Department has presently going central sponsored schemes, with a level of central assistance of Rs. 35 lakh during the current year. As per latest policy, a provision of an allocation of Rs. 32 lakhs has been included in our remaining years of Eighth Plan to be treated as additional allocation in our plan budget as indicated in the Statement.

15) CAPITAL OUTLAY FOR BUILDINGS:

A provision of Rs. 100 lakh has been proposed for Eighth Plan for the construction of various institutional buildings. An outlay of Rs. 9.50 lakh has been proposed for the Annual Plan 1991-92.

DAIRY DEVELOPMENT:

In Himachal Pradesh milk production has been a subsidiary occupation and the people rear cattle to meet their demands for agricultural operation and manures. The concept of milk production as a profitabl

enterprise is of the recent origin. With the urbanisation, the demand of milk in towns has increased. Milk marketing in the State was unorganised and this inadequacy in the marketing structure was a deterrent in milk production. Now the emphasis will be more on increasing rural income and employment through dairy development. Besides an efficient procuring and marketing system shall be developed so as to provide wholesome milk and milk products to the consumers. In keeping with these objectives, following line of approach shall be adopted in the Eighth Plan:-

1. Augmentation and strengthening of the existing milk supply scheme by reinforcing the existing infrastructure;
2. Completion of various spill over schemes under implementation on priority;
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 Eastern 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 milk 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 foreffective implementation of dairy development programme in the State.

A provision of Rs. 625 lakh has been proposed for the entire Eighth Plan under dairy development. Against this, Rs. 115 lakh has been proposed for the Annual Plan 1991-92.

## FISHERIES:

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 rivers and their branches are bestowed with exotic trout, mahseer, 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 families Cyprinidae, Bagaridae, Schilbeidae, Sisordae, Belonidae, Ophiocephalidae and Masteembelidae and series of pounds dotted especially in sub-mountainous region of the State.

The objectives are to increase the fish production from the open water, harness the untapped water resources of the State and bring them under fish culture, laying stress on development of recreational fishery in the State, generate more and more employment opportunities to ameliorate the conditions of the fishermen. The development strategy for achieving the above stated objectives during the 8th plan are as under :-

- i) Maximum thrust is proposed to be laid on Carp and Trout fish Seed production by remodelling of the existing fish farms, expansion of rearing space in the hatcheries, installation of eco. hatcheries and provision of regular water supplies etc. Five new farms (one 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.
- ii) 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 cages and 'impounding nets' in the reservoirs.
- iii) Intensification of aquaculture programme by initiation of a Scheme/FFDA on running water fish culture and stocking of all culturable water bodies.

iv) Strengthening of infrastructure of the department, re-organisation and upgradation of selected categories of posts.

v) Strengthening of extension, survey and training programmes.

vi) Initiation of welfare schemes such as relief fund, risk fund for the economically backward fishermen,

vii) Provision and development of ornamental/aquarium fishes.

viii) Protection and revival of riverine fishery by setting up a mahseer farm.

ix) Commercialization of rainbow trout in 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 t by the end of Seventh Plan period. Taking the vast and varied resources of the State, this production level of 4500 t 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.

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 water bodies of the State, lay more thrust on propagation of aquaculture programme promotion of recreational fishery and thereby achieving the production level of 7500 t accounting an increase of over 50% over the present level by the end of plan period.

The proposed outlay for the entire plan period is Rs. 800.00 lakh. Rs. 150.00 lakh has been proposed for the annual plan 1991-92. The details of the programmes under implementation are given below :-

1. Direction and Administration.

One of the oft-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 Deputy Director of Fisheries, one Superintendent( Grade- I) , six Assistants and seven 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 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 deptt. 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. Besides one post of Superintendent (Grade-II) and one post of Record Keeper are proposed to be created in the Directorate.

In line to this, the present concept of district planning-warrants complete reorientation of the deptt. the department has proposed creation of District Level Cadre in the department so that each district is headed by an officer <sup>of</sup> at least of the level of Assistant Director of Fisheries. In view of the restructuring of the department 6 posts of Asstt. Dir. Fisheries, 4 posts of Supdt. Gr.II 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 residential and office accommodation to the staff posted at Chamba is proposed to be taken up during the year 1991-92.

A provision of Rs. 100.00 lakh has been proposed for the 8th plan under this head. In order to meet the expenditure an outlay of Rs. 12.50 lakhs is proposed for the Annual Plan 1991-92.

## 2. INLAND FISHERIES

### (a) Management and development of Riverine fisheries:

**Conservation of Riverine Fisheries:** The riverine resources of the State have been estimated to the order of 3000 kms. About 8000 fishermen earn their livelihood solely by fishing these rivers and streams. In view of multiple reasons such as ecological degradation of streams, erosion of breeding/feeding grounds, the catches are depleting each year causing a considerable source of concern. The present situation warrants proper monitoring of the streams to check the role of effluents in polluting these waters.



The conservation plays an important role in ensuring sustained yield of fish from the fisheries resources. The Government has already taken the legislative measures to provide more teeth to the fisheries laws governing the State by amending the Fisheries Act. The wanton and destructive method of fishing new carries stringent and deterrent punishments. More conservancy staff is required to effectively check illegal fishing in the riverine resources. Additional personal in the shape of daily wages are required to be employed to safeguard the riverine resources. An outlay of Rs. 10.00 lakh is proposed under this scheme for the entire 8th plan period . Rs 2.00 lakh has been proposed for the Annual Plan 1991-92.

(b) Management and Development of Reservoir Fisheries:

(i) Conservation of Reservoir Fisheries: At present the fish production from the State's reservoirs ranges between 1000-1500 tonnes annually with an average yield of 50 Kg. per hectare . Limnological studies conducted by the State Fisheries Department as well as by the Central Inland Capture Fisheries Research Institute indicate that by adopting latest scientific techniques, the unit area fish production can be raised 2-3 folds. An appraisal of reservoir fish production undertaken by the Joint Secretary (Fisheries) to the Govt. of India, it was stressed that all out efforts be made by the State Fisheries Department to increase per hectare fish production to 150 Kgs./hectare by 2000 A.D. In order to achieve the desired yield there is a need to concentrate on massive stocking and strengthening of conservation efforts, large scale transplantation of fingerlings of Indian major carps, observance of mesh size regulation and initiation of Cage culture in the water body. A provision of Rs. 10.00 lacs has been proposed during the 8th Plan against which a provision of Rs. 0.90 lakhs has been proposed for the Annual Plan 1991-92.

ii) Production of Carp Seed:

Presently the State has five carp farms located at Deoli, Alsu, Nalagarh, Kangra and Milwan. Besides inadequate rearing space all these farms are afflicted with erratic water supply, heavy seepage and absence of eco-hatcheries. The provision has been made to restore/strengthen water supply system at the

existing farm and to provide one more eco-hatchery at Deoli farm. Besides, the department intends to start construction of a new farms at Chamba during the year. A land has provisionally been selected near Sultanpur and process for its transference has been initiated. An outlay of Rs. 142.00 lakh has been proposed for the eighth plan. A provision of Rs. 15.40 lakh has been proposed for the Annual Plan 1991-92.

iii) National Fish Seed Programme:

Under the Centrally Sponsored Scheme viz. setting-up of National fish seed farm, a 10 ha. fish farm is being constructed at Milwan in Kangra district. The Government of India contributed 70% of the cost of the farm i.e. Rs 24.36 lakhs but the farm is still not complete. An amount of Rs. 3.00 lakh is required for continuing work. There is proposal to recruit one pump operator to operate the 9 pumps installed at the farm. In addition to this a post of clerk and chowkidar is also required for the smooth functioning of office for water and ward of the Government property at the Farm.

In order to meet the expenditure during 8th Plan on the above, Rs. 35.00 lakh has been proposed against which an outlay of Rs. 8.00 lakhs is proposed for the Annual Plan 1991-92.

iv) Angling Facilities in Pong Reservoir:

Under this scheme, a Fisheries complex which comprise of Angler's lodge and residence of Fishery Officer at Pong dam would be continued. In order to meet the expenditure on the staff created under this schemes. A provision of Rs. 5.00 lakh has been proposed for the Eighth Plan 1990-95. An outlay of Rs. 1.00 lakh is proposed for 1991-92.

v) Foreign Aided Project:  
Cage culture in Reservoir

As per the decision contained in the tour note of the Joint Secretary (Fisheries) to the Government of India, Ministry of Agriculture (Deptt. of Agri. & Cooperation) New Delhi, the State Government was submitted a Project on 'Cage Culture' for financial assistance from a foreign agency. The two reservoir in H.P. offer considerable scope for installation of battery cages to rear

fish therein. This would not only increase the total production from the reservoir but also provide a economical living to the poor fisherman/oustees settled near the riparian areas of the reservoir. A comprehensive scheme is being worked out. As at present, no Technology for Cage culture in reservoir is available in India, it will be useful to obtain technology from some outside country in shape of training/Equipments. A provision of Rs. 5.00 lakh has been proposed for the entire 8th plan period. Against this a provision of Rs. 0.50 lakh has been proposed for the Annual Plan 1991-92.

(c) Management and Development of Sport fisheries.

(1) Conservation of Trout Fisheries (Sport):

In order to conserve the Trout Fisheries resources in the State the present arrangement of employing daily wages for the conservation of trout waters would be continued. A provision of Rs. 12.50 lacs has been proposed for the eighth plan 1990-95. Against this Rs. 2.00 lakh is proposed for the year 1991-92.

ii) Production of Trout Fish Seed:

The department is presently maintaining six trout farms and rearing units and all these farms are primitive and outdated. These requires immediate renovation and providing of modern facilities for the production of trout seed. In addition to this, one new farm replacing one at Chirgaon (Shimla district) as it has been washed away during floods, is proposed to be constructed at Chirgaon.

The State has some of the finest trout streams viz. Pabbar, Baspa, Tirthan, Sainj, Parvati, Spiti, Lambadug notwithstanding the main river Beas. The management of these rivers requires intensive transplantation of fry and fingerlings in these streams.

The total seed production from all these farms was 12 lakh during 1990-91. In order to increase the rearing capacity of these farms a provision of Rs. 42.00 lakh has been proposed against this during the entire eighth plan. A provision of Rs. 11.00 lakh has been proposed for the Annual Plan 1991-92.

iii) Trout Farming Project (Foreign Aided)

A trout farming project with Norwegian assistance has been taken up since 1988-89. As indicated in the Project report the items of construction work to be completed before the end of 1990-91 are (i) digging of a tubewell (ii) laying of pipeline for water supply, (iii) rehabilitation of hatchery building, (iv) office building and accommodation, raceways and fish feed mill etc. Most of these works are in progress and will be completed during 1991-92. A provision of Rs. 25.00 lakh is being proposed for the construction work based on the discussion held with the executive agencies. Additional staff in the form of pump operator Electrician/helper are required to run the water pumps and feed mill at the project. In order to meet the expenditure on the above a provision of Rs. 41.00 lakh has been proposed for the Annual Plan 1991-92 against the proposal of Rs. 98.00 lakh for the entire 8th Plan period.

(d) Management and Development of Mahseer Fisheries:

During the 8th Five Year Plan the setting up first ever Mahaseer fish seed farm is being given the highest importance. A site for the purpose has been selected at Sidhpur, which has been approved by the expert committee. Estimates for construction work are being framed.

In order to initiate the work on Mahseer project, an outlay of Rs. 3.00 lakh is proposed for the Annual plan 1991-92 as against a proposed of Rs. 30.00 lakh for the 8th plan

(e) Processing, Preservation and Marketing:

(i) Marketing:

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 profitable with an emphasis on producers getting remunerative return for their produce, the present system of marketing through specified landing centres along with reservoirs is further required to be strengthened. There are 22 cooperative societies in Gobindsagar and Pond reservoirs. In order to run the landing centres already estt., which are inadequately manned additional staff is required to be provided. With the opening of two new landing centres one in Gobindsagar and other in Pong, there is a need to post two Fisheries Officers one at each landing centre for realization of Govt. revenue. These centres would be additionally provided with two field assistants each for the variety-wise grading and accountal of fish and for checking the pilferage etc. The work on the construction of Fisheries Complexes at various places which are at various stages of completion, are proposed to be completed. A provision of Rs. 5.00 lakh has been proposed for the Annual Plan as against the proposal of Rs. 26.25 lakh for the entire 8th plan period under this scheme .

ii) Personal Accidental Scheme:

The subsidy to fishermen operating in reservoirs for taking accident Insurance policy as per the Scheme sponsored by the Government of India would be continued. Now, the State Government will contribute 75% of the premium per annum per fisherman under this scheme. About 1500 persons would be covered under the scheme while the remaining 25% of the premium will be paid by fishermen.

In order to meet the above expenditure a provision of Rs. 0.50 lakh for the entire 8th plan and Rs. 0.10 lakh for the Annual Plan 1991-92 has been proposed under this scheme.

(f) Extension & Training:

Fish Farmers Development Agency (FFDA UNA)

The Fish Farmer's Development Agency started at Una in the year 1983-84 would be continued. The agency will be provided with grant-in-aid to meet the salaries of staff towards subsidy for the renovation of ponds, training and loan for the construction of fish farms. A provision of Rs. 5.00 lakh has been proposed for the Annual Plan 1991-92 as against proposal of Rs. 52.75 lacs for the entire 8th plan.

(ii) Management & Development of Pond Fisheries in Running Water (FFDA Mandi).

In order to encourage fish culture in the farmers field based on running water culture, an agency on the pattern of Fish Farmers Development Agency has been approved and sanctioned by the Government of India, Ministry of Agriculture. The agency would provide subsidy to the Fish Farmers for the construction of raceways and provision of inputs like fish seed and feed. A provision of Rs. 33.00 lakh has been proposed for the entire 8th plan period. Rs. 2.50 lakh has been proposed for grant-in-aid to such an agency during Annual Plan 1991-92.

iii) Extension of Survey Activities

An outlay of Rs. 20 lakh has been proposed for the eighth Five Year Plan.

iv). Foreign-Aided Scheme on flow Through Fish Culture: Running Water.

In view of considerable scope of flow-through fish culture in the hilly State of Himachal Pradesh. The State fisheries department has submitted a Scheme on Fish Culture in 'Running Water Raceways' for assistance from International funds from Agriculture Development. The Scheme envisages covering up of all tributaries, kuhl and raceways of the State and promote fish culture therein. Under the scheme foreign assistance has been sought for setting up fish farms and management expenditure. The State Govt. liabilities are limited to creation of infrastructure for popularisation of the scheme and providing subsidy to the beneficiaries.

A provision of Rs. 1.00 lakh has been proposed during 1991-92 as against a total provision of Rs. 8.00 lakh for the entire 8th five year plan.

(g) Training Programme:

Training :

The Training of the fish farmers started at Deoli, has already trained a considerable number of fish farmers upto 1988-89. A class-room has also been sanctioned on the training centre at a cost of Rs. 4.97,500/- lakh which would be completed within 2-3 years. At present the District Fisheries Officer Bilsapur and F/O has been conducting the classes of the fish farmers. As training to the in service personnel in fish culture is also essential to keep them abreast of the advances in aquaculture, it is proposed <sup>that</sup> two inservice candidates would be sponsored to Barrackpore and Chinhut. The construction of Class room would also be continued.

In order to meet the expenditure on the above a provision of Rs. 2.50 lakh has been proposed for the Annual Plan 1991-92 as against a total proposal of Rs. 9.00 lakh for the entire plan period.

(h) Creation of Risk Fund:

A risk fund is proposed to be created for providing assistance to the fishermen who suffer loss of fishing equipments in the storms and other natural calamities.

An outlay of Rs. 20.50 lakh is proposed to be contributed to such fund from the Government hence the provision is made for the entire 8th Plan period. An outlay of Rs. 0.10 lakh has been proposed for the Annual plan 1991-92.

(i) Inland Fisheries Statistics:

It is a 100% aided central sector scheme now proposed to be transferred to State Plan to evolve methodology to enumerate fisheries resources of the State and undertake qualitative and quantitative estimation of fish production from varied water resources of the State.

In order to meet the above expenditure a provision of Rs. 0.50 lakh has been made for the Annual Plan 1991-92

For the special component plan and Tribal Sub-Plan a provision of Rs. 80 lakh and Rs. 60 lakh respectively been made for the 8th Five Year Plan. During 1991-92, an outlay of Rs. 15 lakh for Special Component plan and Rs. 11.00 lakh for Tribal areas has been proposed.



## FORESTRY AND WILD LIFE:

### A) FORESTRY:

One consequence of pursuing development and adopting technologies without a coherent framework of social objectives has been large scale ecological degradation and erosion of the natural resource base. Deforestation, desertification, pollution of the atmosphere and of the rivers, fast depletion of water tables, and destruction of top soil have all affected the very survival of our people. A great deal of public consciousness and debate have been generated on these issues. Several activist and concerned citizen groups have been focussing attention on what seems like a constantly deteriorating situation. Improvements in the standards and quality of life of the people have to be based on sustenance of life support systems through conservation and regeneration of the natural resource base. The present generation owes this not only to itself but also to future generations and to myriad other species with which its survival is organically and irrevocably linked. What is needed is an ecological imagination that informs development thinking.

To sustain social and economic development, especially in rural areas, steps are necessary to protect the remaining forests and to enhance the biomass resources, especially through development of wastelands. Realisation of the full potential of forests and wastelands in a sustainable manner which has substantial employment potential would be a key element to the revitalisation of the rural economy. Sustainable management of forests would require an institutional framework which would facilitate people's active involvement. Traditionally, management of forest resources has sought to exclude the people, and the emphasis was on policing the forests to prevent biotic interferences. Predictably, this did not have the desired effects and has alienated the people. Every efforts needs to be made to promote grassroot level participation in this task as part of a larger approach to the local area planning and development.

Keeping the above approach in view the priority areas for the Eighth Plan would be 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 be adopted 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 of national importance.

- ix) Need of organizing 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. Against the Seventh Plan approved outlay of Rs. 11134.00 lakh an expenditure of Rs. 10149.30 lakh has been incurred. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 22315.00 lakh and Rs. 3570.00 lakh has been proposed which also include Rs. 315.00 lakh and Rs. 70.00 lakh on account of provision of centrally sponsored schemes built into State Plan for the Eighth Plan and Annual Plan 1991-92 respectively.

The schematic details are given as under:-

**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 actual expenditure under this scheme for the 7th Five Year Plan is Rs. 48.34 lakh. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 100.00 lakh and Rs. 20.00 lakh has been proposed. For the Annual Plan 90-91 an outlay of Rs. 12.00 lakh has been kept.

## 2. Statistics:

This is a continuing scheme comprising Statistical wing of the department. The need for strengthening the statistical Units are recommended by the 'National Commission on Agriculture' has also been emphasized in the conference of Secretary (Forests) under this scheme at New Delhi. The actual expenditure for the 7th Five Year Plan is Rs. 24.77 lakh. For the Eighth Plan and Annual 1991-92 an outlay of Rs. 35.00 lakh and Rs. 7.00 lakh has been proposed. An outlay of Rs. 5.50 lakh has been kept for the Annual Plan 1991-92.

## 3. Extension and Training:

### a) Extension and Publicity:

In view of the different activities coming up in the Department it becomes imperative to arouse the awareness of masses and involvement of people in the forestry developmental works. The significance of Forest Conservation and propagation is the main objective of this scheme, which is to be achieved through extension programmes. The actual expenditure under this scheme for 7th Five Year Plan is Rs. 40.33 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 90.00 lakh and the proposed outlay for 1991-92 is Rs. 15.00 lakh. An outlay of Rs. 10.00 lakh has been kept during the year 1990-91.

### b) Education and Training:

This is an on-going scheme since 5th Five Year Plan. Under this scheme training is imparted to the subordinate executive staff, i.e. Forest Guard, Deputy Rangers at Himachal Pradesh Forest Training School, Chail. The actual expenditure under this scheme for the 7th Five Year Plan is Rs. 12.35 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 120.00 lakh and for the Annual Plan 1991-92 is Rs. 9.00 lakh. An outlay of Rs. 2.50 lakh has been kept under this scheme for the year 1990-91.

### c) Forestry Research and Training:

With increasing pressure on the forests, applied research in the forestry is gaining significance. Establishment of seed stand, preservation plots and biosphere reserves

etc. are among the various activities taken up under this scheme. The actual expenditure under this scheme for the 7th Five Year Plan is Rs. 10.73 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 40.00 lakh and for Annual Plan 1991-92 is Rs. 7.00 lakh. An outlay of Rs. 1.50 lakh has been kept for Annual Plan 1990-92.

#### 4. Survey of Forest Resources:

This scheme envisages aerial survey of forest areas to determine the forest resources available in the State. To up-date this information, counter checks with the ground survey is to be done. Taking up of development programmes on watershed basis requires purchase of serial photographs and other maps which is done under this scheme. The actual expenditure for the 7th Five Year Plan is Rs. 28.65 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 54.00 lakh and proposed outlay for 1991-92 is Rs. 2.00 lakh. An outlay of Rs. 1.00 lakh has been kept for Annual Plan 1990-91.

#### 5. Forest Conservation and Development:

##### a) Survey and Demarcation:

In order to eliminate chance 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. The actual expenditure for 7th Five Year Plan under this scheme is Rs. 163.05 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 700.00 lakh and proposed outlay for 1991-92 is Rs. 100.00 lakh. An outlay of Rs. 100.00 lakh has been kept during Annual Plan 1990-91.

##### 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. The actual expenditure for the 7th Five Year Plan under this scheme is Rs. 51.80 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 100.00 lakh and proposed outlay for 1991-92 is Rs. 14.00 lakh. An outlay of Rs. 10.00 lakh

has been kept for Annual Plan 1990-91.

c) Forest Protection:

Protection of forests under the increasing biotic pressure becomes more significant. To ensure this an effective and adequate infrastructure needs to be developed. The actual expenditure for the 7th Five Year Plan under this scheme is Rs. 84.93 lakh against which the proposed outlay for 1991-92 is Rs. 15.00 lakh against the anticipated expenditure of Rs. 10.00 lakh during the year 1990-91.

6. Social and Farm Forestry including Plantations:-

a) Social and Farm Forestry:

The programme comprises:

- i) National Social Forestry (Umbrella) Project.
  - ii) Centrally Sponsored Scheme of Fuelwood & Fodder Projects.
  - iii) Forestry extension under USAID.
  - iv) Indo-German Eco-Development Project (Changer Area).
  - v) World Bank aided Watershed Development Project for Himalayan Hills (Kandi Areas).
- 1) National Social Forestry (Umbrella) Project:

This project has been launched since April, 1985 with the World Bank and USAID assistance. Total approved outlay for the project is Rs. 55.47 crores. In the mid-term review it has been enhanced to Rs. 65.39 crores. As implied by the nomenclature of the scheme various activities are to be undertaken with the involvement of public and to a bridge the gap of demand and supply of fuel wood, fodder in general and small timber species in particular. Main components of this scheme are:-

- i) Raising and distribution of plants under agro-forestry.
- ii) Raising of plantations of Private Waste Lands.
- iii) Community wood lots rain-fed and self help.
- iv) Afforestation of degraded forest lands besides infrastructure for civil works, equipment etc.

The actual expenditure for the 7th Five Year Plan under this project is Rs. 5700.63 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 10000 lakh and proposed outlay for 1991-92 is Rs. 2500.00 lakh against the anticipated expenditure of Rs. 1800.00 lakh during the

year 1990-91.

**ii) Centrally Sponsored Scheme Fuelwood & Fodder Project:**

This is a 50:50 sharing basis Centrally Sponsored Scheme and was included for implementation during 1990-91. The scheme has been introduced in place of Centrally Sponsored Scheme Rural Fuelwood Plantation and establishment Silvi Pastoral Farms Scheme. The main objective of the scheme is to ensure integrated development of all degraded lands in the indentified watersheds. The proposed outlay under State sector for the 8th Five Year Plan under this scheme is kept at Rs. 650.00 lakh and for Annual Plan 1991-92 the proposed outlay is Rs. 100.00 lakh. An expenditure of Rs. 105.10 lakh under this scheme is likely to be incurred during 1990-91.

**iii) Forestry Extension under USAID:**

This is an irrigation department project with USAID. The actual expenditure for the 7th Five Year Plan is Rs. 171.71 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 150.00 lakh and proposed outlay for 1991-92 is Rs. 70.00 lakh against the anticipated expenditure of Rs. 60.00 lakh during 1990-91.

**iv) Indo-German Eco-Development Project (Changer Area)**

This is an Integrated Project of various disciplines on the pattern of Indo-German Dhauldhar Project which expired on 31st March, 1989. 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 proposed outlay for forestry component under this project during 8th Plan is kept at Rs. 770.00 lakh and for annual plan 1991-92 is Rs. 40.00 lakh. An outlay of Rs. 25.00 lakh has been kept under this project during Annual Plan 1990-91.

**v) World Bank aided watershed Development Project for Himalayan Hills (Kandi Areas)**

An Integrated Watershed Development Project (Hills-Kandi Areas) 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 ha. areas

will be treated in Five watersheds of Markanda, Changer Sirsa, Swan and Chakki in the territory of Himachal Pradesh.

The proposed outlay for forestry component under this project during the 8th Plan is kept at Rs. 710.00 lakh and for Annual Plan 1991-92 is Rs. 90.00 lakh. An outlay of Rs. 50.00 lakh has been kept for Annual Plan 1990-91.

#### B. PRODUCTION FORESTRY SCHEME:

Under this head following schemes are implemented;

- i) Quick Growing Species.
- ii) Economic Importance Species.
- iii) Regeneration of Chilgoza Pine.
- iv) Pasture Improvement.

##### i) Quick Growing Species:

This is an on-going 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 <sup>adequate</sup> density. To achieve this objective some quick growing species like Chil amongst the coniferous, Poplar, Leucenea, Robinea, Sirs, Simaletic are getting attention under this scheme. The actual expenditure for the 7th Five Year Plan under this scheme is Rs. 325.77 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 2790.00 lakh and proposed outlay for 1991-92 is Rs. 160.00 lakh against the anticipated expenditure of Rs. 120.00 lakh during 1990-91.

##### 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 actual expenditure for the 7th Five Year Plan under this scheme is Rs. 881.43 lakh against which the proposed outlay for 8th Five Year Plan is Rs. 2790.00 lakh and proposed outlay for 1991-92 is Rs. 160.00 lakh against the anticipated expenditure for Rs. 108.00 lakh during 1990-91.

##### 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 actual expenditure under this scheme for the 7th Five Year Plan is Rs. 10.88 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 40.00 lakh and proposed outlay for 1991-92 is Rs. 5.00 lakh against the anticipated expenditure of Rs. 3.00 lakh during 1990-91.

iv) Pasture Improvement:

This is on-going 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 actual expenditure under this scheme for the 7th Five Year Plan is Rs. 162.42 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 500.00 lakh and proposed outlay for 1991-92 is Rs. 35.00 lakh against the anticipated expenditure of Rs. 25.00 lakh during 1990-91.

7. Forest Produce:

This is an on-going 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 actual expenditure under this scheme for the 7th Five Year Plan is Rs. 36.72 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 45.00 lakh and proposed outlay for 1991-92 is Rs. 16.00 lakh against which anticipated expenditure of Rs. 2.50 lakh during 1990-91 will be incurred.

8. Communication and Buildings:

a) Communication:

This is an on-going scheme since 1st 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. The actual expenditure under this scheme for the 7th Five Year Plan is

Rs. 237.21 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 800.00 lakh and proposed outlay for 1991-92 is Rs. 60.00 lakh against the anticipated expenditure of Rs. 40.00 lakh during the year 1990-91.

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 inadequate. The actual expenditure for the 7th Five Year Plan under this scheme is Rs. 198.61 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 800.00 lakh and proposed outlay for 1991-92 is Rs. 40.00 lakh against the anticipated expenditure of Rs. 60.00 lakh during 1990.91.

9. Other expenditure including amenities to staff and Labourers:

The scheme is meant for providing the basis amenities for the staff and labour. The actual expenditure for the 7th Five Year Plan under this scheme is Rs.13.00 lakh against which the proposed outlay for the 8th Five Year Plan is Rs. 100.00 lakh and proposed outlay for 1991-92 is Rs.5.00 lakh against the anticipated expenditure of Rs. 4.00 lakh during 1990-91.

1. New Schemes:

Following two new schemes are proposed to be introduced during 8th Plan period:

1. Development of Trekking Routes:

This is a new scheme envisaged to be taken up during the Eighth Plan. Under this scheme attention will be given for the development of infrastructure like trekking routes, log huts in the interior areas. This will supplement the activities relating to tourism development as well. An outlay of Rs. 200.00 lakh and Rs. 10.00 lakh has been proposed under this scheme for the Eighth Plan and Annual Plan 1991-92 respectively.

Fire

2. F.A.O. introduction of Modern Forest Control Method:

This new scheme is also proposed to be taken up during the Eighth Plan period for introducing modern forest fire control methods. An outlay of Rs. 276.00 lakh and

Rs. 20.00 lakh has been proposed under this scheme for the Eighth Plan and Annual Plan 1991-92 respectively.

Centrally Sponsored Scheme:

An outlay of Rs. 315.00 lakh and Rs. 70.00 lakh for the Eighth Plan and Annual Plan 1991-92 respectively account of transfer of Centrally Sponsored Scheme to Plan has been built in the State Plan for the following two schemes:

1. Development of infrastructure for protection of Forests from biotic interference.

This is a 50:50 sharing centrally sponsored scheme. During the Seventh Plan an expenditure of Rs. 9.09 lakh has been incurred under this scheme. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 25.00 lakh and Rs. 5.00 lakh has been proposed under this scheme.

2. Fuelwood and Fodder Project:

This is a 50:50 sharing Centrally Sponsored Scheme. For this scheme an outlay of Rs. 290.00 lakh and Rs. 65.00 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92 respectively.

B). WILD LIFE:

Against the Seventh Plan approved outlay of Rs. 550.00 lakh the actual expenditure under this head remained Rs. 336.50 lakh. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 1560.00 lakh and Rs. 280.00 lakh has been proposed which also includes Rs. 710.00 lakh and Rs. 155.00 lakh on account of Centrally Sponsored Schemes proposed to be transferred to State Plan respectively. For the Annual Plan 1990-91 an outlay of Rs. 105.00 lakh has been kept.

The schematic details of the proposed programmes are discussed below:

I. CONTINUING SCHEMES:

1. Improvement & Development of Wildlife Sanctuaries:

This is a continued scheme from the 7th Five Year Plan and a sum of Rs. 128.67 lakhs has been incurred under this scheme during the plan period. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 185.00 lakh and Rs. 30.00

lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 24.63 lakh has been kept. The main expenditure under this scheme during the 8th Plan period will be on salary of the staff, Employment of Fire watchers and Game Watchers, Labour for census and wildlife Surveys, habitat improvement works including cutting and maintenance of fire lines, fodder and pasture improvement, weed eradication, plantations and Soil Conservation works etc.

## 2. Development of Himalayan Zoological Park:

This is a continued scheme from the 7th Plan and upto the end of this plan period, 6-7 centres for collection 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 7th Plan period a sum of Rs. 81.86 lakhs were spent in this scheme mainly on feeding of animals/ birds, salary to the staff, payment of wages etc. etc. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 150.00 lakh and Rs. 25.00 lakh has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 26.37 lakh has been provided.

During the 8th Plan period efforts will be made to establish a Zoological Park in the State alongwith the maintenance of the existing collection centres.

## 3. Wildlife Management and Nature Conservation:

Under this scheme funds to the tune of Rs. 11.024 lakhs were provided for the last two financial years and spent for the payment of relief.

During the 8th Plan period amount will be spent under this scheme for the payment of relief on account of loss to human beings/ cattle by the wild animals in wildlife protected areas. For which an outlay of Rs. 75.00 lakh and Rs. 10.00 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92 respectively. For the Annual Plan 1990-91 an outlay of Rs. 7.00 lakh has been provided under this scheme.

## II. NEW SCHEMES:

For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 440.00 lakh and Rs. 100.00 lakh has been proposed respectively for the following two new schemes:

### 1. Strengthening of Wildlife wing:

This is a new scheme proposed to be executed during the 8th Plan period. There are only four Wildlife Divisions throughout the Pradesh. Hence there is an immediate need to strengthen the existing 4 Wildlife Divisions into 6 Wildlife Divisions in the State. During the 8th Plan period, 2 more Wildlife Divisions shall be established in the State under this scheme. Accordingly a provision of Rs. 40.00 lakh has been proposed for the 8th Plan to meet the salary etc. of Ministerial staff. New posts of only ministerial staff would be required to man the proposed new 2 Wildlife Divisions, as the field staff is already available.

### 2. Establishment of Nature Parks/Zoological Parks:

This is a new scheme proposed to be executed during the 8th Plan period. Himachal Pradesh has been bestowed by Nature with a diversity of climatic conditions which is unmatched with any other State. There are subtropical, Temperate, alpine and dry Snow Desert climatic conditions. This diversity of climatic conditions has fantastic spectrum on Flora and Fauna.

Many people are unaware of this natural heritage of the State. Many do not have time to visit the far-flung areas which are not approachable by road. To create Nature awareness in the mind of people, it is felt that a few nature parks should be created at or near the places of tourist interest.

In these Nature Parks, our past rich heritage of Forests and Wildlife, present status etc. shall be projected through Audio-Visual Methods, models, films etc. Some live animals in their natural habitat shall also be kept to attract visitors. These Nature Parks shall not be those where the emphasis is on animals. Here animals shall be used as an attraction to bring people to the Education Centre.

The display of Nature and Wildlife shall be planned in such a way that without forcing the idea on visitors, they see Nature and Wildlife all around. This shall be done by display of boards, Hoardings, Models, Trophies, Films, Taped sound of animals and birds etc.

During the 8th Plan period, three such Nature Parks are proposed to be established at Gopalpur in Kangra District, Manali in Kullu District and Kufri in Shimla District. Accordingly a sum of Rs. 400.00 lakh has been proposed for creating infrastructure in these Nature Parks during the 8th Plan period.

### III. CENTRALLY SPONSORED SCHEME:

An outlay of Rs. 710.00 lakh and Rs. 155.00 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92 on account of Centrally Sponsored Schemes proposed to be transferred to State Plan. For the Annual Plan 1990-91 an outlay of Rs. 47.00 lakh has been kept for these schemes. The schematic description of these schemes is as under:-

#### 1. Intensive Management of Wildlife Sanctuaries:-

This is a continued scheme from the 7th 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 29 Wildlife Sanctuaries in the State on modern scientific lines. Management plans of some wildlife sanctuaries keeping in view the guidelines of the Govt. of India have been prepared for the purpose and in respect of remaining sanctuaries, the management plans are being prepared. During the 8th Plan period, Management Plans of all the wildlife sanctuaries shall be prepared.

During the 7th Plan period a sum of Rs. 157.32 lakh were spent under this scheme for creating initial infrastructural facilities, const. of watch towers, repair of roads, purchase of equipment etc. in some selected wildlife sanctuaries.

During the 8th Plan period, more than 50% targets as contained in the management plans of each wildlife sanctuaries already prepared and against all remaining sanctuaries the management plans of which have not been prepared at

present shall be achieved. The main emphasis will be on providing necessary infrastructural facilities in all the wildlife sanctuary 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 the 8th Plan period. For which an outlay of Rs. 220.00 lakh has been proposed for the Eighth Plan.

## 2. 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 leopard Common Leopard amongst animals whereas the main pheasant species are Western Tragopan, Monal, Cheer, Kalij, Koklas and Snow cock. Out of these, the snow leopard, 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 guide-lines of the Government of India has been prepared and stands approved by the State Government for Rs. 645.25 lakh. The Scheme of this park is operative since 7th Plan and a sum of Rs. 65.31 lakh has been spent in the park area mainly for creating initial infrastructural facilities, release of some payment for acquisition of rights etc. during the plan period. About 90% of the said amount was provided by the Government of India under this scheme during the 7th Plan period.

During the 3th 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 equipments, Habitat improvement, Fire protection measures, Water facilities to Wildlife, Soil Cons

ervation Works, payment of compensation, purchase of vehicles etc. will be carried out according to norms of approved Management Plan. Recurring expenditure under this scheme would be on payment of salary etc. to the protection works, maintenance of road and buildings etc. An outlay of Rs. 200.00 lakh has been proposed with this scheme for the Eighth Plan.

### 3. 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 distt. 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 7th Plan period and during the years from 1986-87 to 1989-90, emphasis has been laid on creating the infrastructure, creation of posts and settlement of rights. A sum of Rs. 41.30 lakhs was spent under this scheme during the 7th Plan period out of which about 90% of total funds were provided by the Government of India.

During the 8th Plan period, efforts will be made to develop this park for providing proper protection to Snow-Leopard etc. species found in the area. Works like const. of buildings to all categories of staff, const. of Bridle Inspection paths, const. 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 during the 8th Plan period for which an outlay of Rs. 150.00 lakh has been proposed.

### 4. Awareness for Nature and Wildlife Conservation amongst Youths:

This is a continued scheme from 7th Plan. During the 7th Plan period, a sum of Rs. 21.15 lakhs were spent



under this scheme. 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 which an outlay of Rs. 50.00 lakh has been proposed for the Eighth Plan.

**5. Captive Breeding and Re-habilitation Programme for Endangered species;**

It is a continued scheme from the 7th Plan. During the 7th Plan period a sum of Rs. 19.82 lakhs has been spent under this schemes. 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 which an outlay of Rs. 70.00 lakh has been proposed for the Eighth Plan.

**6. Control of Poaching and Illegal Trade;**

This is a continued scheme from the 7th Plan and during this period a sum of Rs. 8.40 lakhs has been spent under this scheme. During the 8th 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. 20.00 lakh has been proposed for this scheme during the Eighth Plan period.

AGRICULTURE RESEARCH AND EDUCATION:

The Himachal Pradesh Krishi Vishva Vidyalaya and Dr. Y.S Parmar University of Horticulture and Forestry are responsible for the entire research support to the State in the field of agriculture, horticulture, forestry, animal husbandry and fisheries.

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. lakh.)					
S.No	Sectors/Scheme	8th Plan proposed outlay 1990-95	1990-91 Appro ved out- lay	Ant. Exp.	Proposed outlay for 1991-92
1:	2:	3:	4:	5:	6:
<b>1. Agriculture:</b>					
	i) Grant-in-aid to Himachal Pradesh Agriculture University.	1025.00	127.00	127.00	174.00
	ii) Gram Sewak Training Centre	35.00	5.00	5.00	6.00
	Sub-Total	1060.00	132.00	132.00	180.00
<b>2. Horticulture.</b>					
	a) Grant-in-aid to Himachal Pradesh Horticulture and Forestry University.	975.00	127.00	127.00	170.00
<b>3. Animal Husbandry:</b>					
	a) Grant-in-aid to H.P Agr. University for Research and Edn.	475.00	83.00	83.00	90.00
<b>4. Forestry:</b>					
	a) Grant-in-aid to H.P Hort. and Forestry University.	560.00	88.00	88.00	100.00
<b>5. Fisheries:</b>					
	a) Grant-in-aid to H.P Agr. University for Research and Edn.	35.00	5.00	5.00	6.00
	Total	8105.00	435.00	435.00	546.00

INVESTMENT IN AGRICULTURAL FINANCIAL INSTITUTIONS

For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 200.00 lakh and Rs. 30.00 lakh has been proposed. The details and schematic briefs of which is depicted below :-

(Rs. in lakh)			
	1990-95 proposed outlay	Likely expendi- ture 1990-91	proposed outlay 1991-92
-----			
i) Agriculture:			
Financial Support to Agril. Financial Institution-Debenture Support to Land Development Bank.	50.00	10.00	10.00
ii) Horticulture:			
Equity to Himachal Pradesh Agro-Industries-Corporation } Equity to Himachal Pradesh Marketing and Processing Corporation. } Debenture Support to H.P. Land Development Bank	125.50	115.50	10.00
	24.50	7.50	10.00
Total	200.00	133.00	30.00

The department-wise details are as under :-

(a) Agriculture:

Against the Seventh Plan allocation of Rs. 35 lakh the Department of Agriculture has incurred an expenditure of Rs. 29.00 lakh during the Seventh Plan in the form of debenture support to Land Development Bank. For the year 1990-91, an outlay of Rs. 10.00 lakh is likely to be spent. An outlay of Rs. 50.00 lakh and Rs. 10.00 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92.

(b) Horticulture:

During the Seventh Plan against an approved outlay of Rs. 540.00 lakh, the actual expenditure reported is of the order of Rs. 1755.24 lakh. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 150.00 lakh and Rs. 20.00 lakh has been proposed. The schematic details are as below :-

1. **Debenture Support to Himachal Pradesh Land Development Bank:**

The requirement of funds needed by the Horticulturists in the form of term loans for the development of Horticulture is being met by the Commercial and Land Development Banks under the NABARD refinanced horticultural, credit schemes. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 24.50 lakh and Rs. 10.00 lakh has been proposed.

2. **Equity to Himachal Pradesh Agro Industries Corporation and Himachal Pradesh Marketing and Processing Corporation:**

Under this scheme the following schemes are being implemented by H.P.M.C and H.P.A.I.C :-

- i) Share Capital/Rehabilitation of the Corporation.
- ii) Additional Equipment of fruit.
- iii) Provision for Pectin Extraction Unit.
- iv) Development of Marketing Infrastructure/Grading and packing Houses..
- v) Additional Equipment at Existing Packing/Grading House.
- vi) Construction of Cold Storage at Calcutta.
- vii) Publicity for Fruit Products.
- viii) Managerial subsidy for opening of permanent collection centres and other new schemes.
- ix) Alternate Packing Project of AIP Ltd.

For the Eighth Plan and Annual Plan an outlay of Rs. 125.50 lakh and Rs. 10.00 lakh has been proposed.

MARKETING AND QUALITY CONTROL:

a) **Agriculture Department:**

Under This scheme the following- programmes are included :-

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.

The proposed Eighth Plan outlay for Marketing and quality control is Rs. 250 lakh. Against the anticipated expenditure of Rs. 24 lakh for 1990-91 an outlay of Rs. 54.00 lakh has been proposed for 1991-92, which also includes Rs. 65.00 lakh for Eighth Plan and Rs. 14.00 lakh for Annual Plan 1991-92 as Centrally Sponsored Scheme built in the Plan.

(Rs. in lakh)				
S.No	Head/Schemes	Eighth Plan proposed outlay 1990-95	Anticipated exp. 1990-91	Proposed outlay 1991-92
<b>1. Agriculture Marketing:</b>				
i)	Regulated markets:	130.00	19.05	24.00
ii)	G.I.A. to Marketing Board.	100.00	1.00	25.00
iii)	Grading Services	20.00	3.95	5.00
Total		250.00	24.00	54.00

The physical targets and achievements under the scheme during the Eighth Plan and its Annual Plans are as under :-

S.No	Item	Unit	Eighth Plan target	Anticipated Ach. for 1990-91	Proposed Target for 1991-92
1.	2.		3.	4.	5.
1. Agriculture Marketing					
i)	Total No. of Markets at Mandi level	Nos.	10	2	2
ii)	Regulated Markets	"	40	8	8
iii)	Sub-Market Yard	"	30	6	6
iv)	Sub-Market Yard Development.	"	36	10	10

b) Horticulture Department:

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 cooperative 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 on markets information so collected.
12. Preparation of model whole-sale prices of different fruits on seasonal/yearly basis.

During the Seventh Plan an outlay of Rs. 203.00 lakh was kept for this programme against which an expenditure of Rs. 4070.09 lakh was incurred. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 3840.00 lakh and Rs. 510.00 lakh has been proposed.

The brief description of the scheme proposed to be implemented during the plan period is as under :-

1. General Marketing Scheme :

The marketing division in the department of horticulture H.P. 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 H.P Horticultural produce Marketing & Processing Corporation Ltd. (hpmc) through the centralised grading & packing houses, 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

an outlay of Rs. 30.00 lakh and Rs. 5.00 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92. An outlay of Rs. 5.00 lakh has been kept for 1990-91 Plan.

2. Scheme for providing Market Intervention Fund:

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 Govt. is providing support price to the fruit growers on the fruit produce. But it is not possible for the State Govt. to provide huge funds for this purpose every year. It is, therefore, proposed to create a support price fund or market intervention fund with the active participation of the fruit growers. This fund will be operated by the State Support Price Board. The contribution to this fund will be made by State Govt. Central Govt. and the fruit growers in the ratio of 1:1:1 respectively. The fruit growers share will be realised in the form of export tax @ Rs. 1.00 per box at the terminal points of the State and tax on the fruit to be consumed in fruit processing industries and internal fruit markets within the State. The total requirement of the State share for raising this funds shall be about 2970.00 lakhs for 8th Five Year Plan and Rs. 335.00 lakhs is proposed for the Annual Plan 1991-92. An outlay of Rs. 300.00 lakh has been kept under this scheme for Annual Plan 1990-91.

### 3. Scheme for providing subsidy on c.f.b. cartons.

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 taken 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 of 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 1.25 crore apple boxes are exported from the State every year. Therefore, about six crore boxes shall be required for packing apples during the 8th Five Year Plan. It may be assumed that 50% fruit shall be packed in c.f.b. cartons. Therefore, for popularising the use of cartons the total requirement of funds for providing subsidy on cartons to the fruit growers during 8th



Five year Plan shall be about Rs. 12.00 crore. The burden of subsidy will be reduced on the state economy with the commissioning of carton Manufacturing Industry of Agro Industrial Packing India Ltd. in the State during third year of the 8th Five Year Plan. The said Corporation will supply cartons to the fruit industry of the State on very reasonable rates. For this an outlay of Rs. 800.00 lakh and Rs. 160.00 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92. An outlay of Rs. 160.00 lakh has been kept for Annual Plan 1990-91 under this head.

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 has to visit this market frequently to supervise the sales of their fruit produce. The fruit growers are facing the problem of staying at Delhi and has to spend considerable amount of his income on this account. Further there 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. An outlay of Rs. 40.00 lakh is proposed for this purpose during 8th Five Year Plan and Rs. 10.00 lakh are proposed for the year 1991-92. An outlay of Rs. 10.00 lakh has been kept under this scheme for Annual Plan 1991-92.

LOANS TO CULTIVATORS OTHER THAN HORTICULTURE

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 Seventh Plan, an outlay of Rs. 25 lakh had been approved under this scheme. The actual expenditure during Seventh Plan was of the order of Rs. 21.17 lakh, During the year 1990-91, an outlay of Rs. 1 lakh, has been approved under this scheme, For the Annual Plan 1991-92 and Eighth Plan an outlay of Rs. 1.00 lakh and 5.00 lakh has been proposed respectively.

**COOPERATION:****(Rs. in lakh)**

Seventh Plan approved Outlay 1985-90	700.00
Actual Expenditure(1985-90)	891.27
Approved Annual Plan Outlay (1989-90)	185.00
Actual Expenditure(1989-90)	219.30
Proposed Eighth Plan Outlay (1990-95)	2150.00
Approved Annual Plan Outlay (1990-91)	197.00
Likely Expenditure during 1990-91	397.00
Proposed Outlay for Annual Plan 1991-92	320.00

Cooperation 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. Cooperative movement in Himachal Pradesh presents a picture of adequate coverage both village-wise and family-wise.

• GENERAL APPROACH AND STRATEGY DURING THE EIGHTH PLAN:

The strategy of the cooperative development during the Eighth Five Year Plan would be to consolidate as well as diversify the activities of the Cooperatives and to bring about efficiency in their functioning. The main objectives of the cooperative 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 cooperatives and efficient market support through improved Cooperative infrastructure;
- (2) To improve non-agricultural cooperative 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 multi-purpose 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 cooperative structure at various level and coordination among different sectors of cooperative movement;
7. To intensify the programme of training in order to meet the requirements of cooperatives for professional personnel;
8. To strengthen the cooperative programmes for weaker sections viz. weavers cooperatives, Dairy, Poultry, etc;
9. To strengthen the departmental machinery for undertaking the enlarge programme for cooperative development;

Keeping in view the above objectives, it is proposed to strengthen the cooperative 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.

**PROPOSED EIGHTH PLAN OUTLAY AND ANNUAL PLAN 1991-92:**

For the eighth five year plan, an outlay of Rs. 2150.00 lakh has been fixed under the sector of Cooperation. The break-up of this outlay in term of various programmes is given below:- (Rs. in lakh)

Sl. No.	Head of Development	Total Outlay 1990-95	Outlay for	
			1990-91	1991-92
1.	2.	3.	4.	5.
1.	Direction & Administration	140.00	25.00	25.50
2.	Training & Education	135.00	27.00	29.30
3.	Audit of Cooperatives	140.00	20.00	24.00
4.	Credit Coop. including women cooperatives	530.00	235.00	143.00
5.	Warehousing marketing and storage	135.00	14.50	15.95
6.	Processing Cooperatives	100.00	12.00	13.20

1.	2.	3.	4.	5.
7. Consumer Coops.		75.00	8.50	9.35
8. Fishermen Cooperatives		20.00	1.00	1.10
9. Industrial Cooperative including women industrial Cooperatives		100.00	8.00	8.80
10. Dairy Cooperatives		35.00	1.00	1.10
11. Housing Cooperatives		60.00	7.00	7.70
12. Labour & Construction Coop.		5.00	0.50	0.55
13. <u>Other Cooperatives:</u>				
a) Poultry Cooperatives		5.00	0.50	0.55
b) Transport Cooperatives		10.00	1.00	1.10
c) Wool cooperatives		10.00	0.75	0.82
d) Forest Cooperatives		5.00	1.50	1.65
14. Floriculture Cooperatives		5.00	0.75	0.83
15. Fruit & Vegetable Project		180.00 (*)	5.00	10.00
16. Varaspti Project		320.00	20.00	10.00
17. Tea Development Project		140.00	18.00	15.00

(\*)Token Provision

The schematic details are as under:-

I. Direction and Administration including audit of cooperation:

The Directorate of Cooperation both at Headquarter 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 the lower level as becomes apparent from the table given below:-

		(Rs. in lakh)	
Sl. No.	Activity	Position as on 30/6/1967	Position as on 30/6/1989
1.	2.	3.	4.
1.	Number of Societies	4048	3840
2.	Number of members	4.56 lakh	9.55 lakh
3.	Share capital	236.79 "	5028.43 "
4.	Working Capital	1125.10 "	41094.80 "
5.	<u>Deposits</u>	522.74 "	26688.48 "
6.	(i) Short term and medium term loan advances	272.78 "	4380.93 "
	(ii) Long term loan	13.00 "	317.00 "
7.	Agri. produce marketed	91.63 "	1683.62 "
8.	Fertilizer sold	35.32 "	1041.03 "
9.	Consumer goods sold	508.40 "	5461.17 "
10.	Population covered	60%	95%

It is proposed to augment the staff scheme by way of providing one post of Legal Assistant, 12 Assistants, one post of Computer Operator at the headquarter. For strengthening of staff of Additional Registrar Cooperative Societies at Dharamsala, 7 posts (Superintendent Grade-I, Asstnt 4 and Clerk 2) are proposed which at present is being managed through temporary shifts from the existing strength. Similarly for the newly created Assistant Registrar circles, the supporting staff further proposed are 6 Steno typists, 32 posts of Clerks, 5 posts of Inspectors, 3 posts of District Inspectors/District Audit Officers are proposed.

Sub-Inspector is the grass root level worker of the Cooperative movement who has to advise and supervise the functioning of the various cooperative societies functioning in his territorial jurisdiction. In order to avoid fraud and embezzlement and various other irregularities in the societies, frequent visits are required to be made by the Sub- Inspectors. In Himachal Pradesh, every Sub Inspector has to supervise about 25 societies which is impossible in this hilly terrain.

As per the norms recommended by the Reserve Bank of India not more than 10 societies should be with one Sub-Inspector for supervision. 424 Sub-Inspectors are required for supervision in this department as against the existing sanctioned strength of 181 posts. It is now proposed to assign the supervision of 20 societies on an average during the 8th Five Year Plan to each of the Sub-Inspectors. In this way the minimum strength of 211 Sub-Inspectors is required. It is again felt necessary that 10% posts of training and leave reserve and 10% posts of deputation reserve are also required in this Department, which is, however, not being included in the plan due to financial constraints. For the newly created Assistant Registrar's circles, 6 Peons @ 2 for each office are required in the scale of Rs. 750-1300.

So far the audit of the State level and other big societies having a turn over of 10 lakh or above has been the responsibility of the Inspector(Audit) but in view of the fact that tax audit has also been introduced and their business has also increased. The Department is of the view that this work which definitely is of higher responsibility should be entrusted to some senior officials called as Senior Auditors. For this sake keeping in view the number of such societies which is approximately 40 at present. 40 posts of Senior Auditors are being proposed/ included in the Plan.

Establishment of Monitoring cell in the Directorate:

For the sake of monitoring the progress of the implementation of the Integrated Cooperative Development Projects in the districts, a Monitoring Cell comprising of Assistant Registrar, One Stenographer, 2 Assistants and One Statistical Assistant is proposed to be established.

### Technical and Promotional Cells:

So as to increase the inflow of the National Cooperative Development Corporation financial assistance to the cooperatively under-developed States like Himachal Pradesh, a cell under the Technical and Promotional Cell at the Directorate level is required to be set up comprising of Development Officer and Marketing Expert. 100% expenditure for Monitoring and Technical and Promotional Cells will be reimbursed by the National Cooperative Development Corporation to the State Government. Thus a provision of Rs. 280 lakh has been proposed for 1990-95. Against the provision of Rs. 45 lakh for Annual Plan 1990-91, an outlay of Rs. 49.50 lakh has been proposed for 1991-92.

Research, Training and Education

The H.P. State Cooperative Union is the agency for the implementation of Cooperative 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 proposed for Annual Plan 1991-92 against the provision of Rs. 27 lakh for 1990-91. An outlay of Rs. 135 lakh has been proposed for the Eighth Plan.

### IV) CREDIT COOPERATIVES:

#### 1. Share Capital contribution to Primary Agricultural Credit Cooperatives:

There are 2,110 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. 4.26 crore upto the end of 31/3/1989. This investment also includes, investment made by State Government on account of Share Capital contribution given under the programme of World Bank Cooperative Storage Project NCDC-II amounting to about Rs. 1.84 crores.



In order to further strengthen the Capital structure of Primary Agricultural Credit Societies, it is proposed to provide share *capital* contribution in favour of 400 more societies during the Eighth Plan period @ Rs. 10,000 each. The total outlay under the scheme, thus, works out at Rs. 40 lakhs. For the plan period, a provision of Rs. 7.70 lakhs has been made for the year 1991-92.

2. Share Capital contribution to Apex/  
Central Cooperative Banks:

The Share Capital contribution made by the State Government upto the end of 30/3/1989 in favour of Apex/  
State Cooperative Bank would be of the order of Rs. 2.20 crore as detailed below:-

1. H.P. State Coop. Bank Limited	Rs. 1.48 crores
2. Kangra Central Coop. Bank Ltd.	Rs. 0.49 Crores
3. Jogindra Central Coop. Bank Ltd.	Rs. 0.23 Crores
TOTAL: ...	<u>Rs. 2.20 Crores</u>

The amount is quite inadequate in view of the Financial support to be provided by the Banks to the ~~direction of cooperatives for~~ <sup>undertaking the enlarged programme in the</sup> supply of short and medium term credit, distribution of Agricultural inputs and consumer articles as well as marketing of agricultural produce as envisaged for the Eighth Plan. It is, therefore, being proposed to augment the share capital of these banks during the plan period. A total provision of Rs. 40 lakhs has, thus, been made under the scheme for the plan period and of Rs. 2.20 lakhs for the year 1991-92.

2. Share capital to Apex/Primary Agricultural  
and Rural Development Banks:

The State Government's investment by way of share capital contribution by the end of 31/3/1989 was of the order of Rs. 111.74 lakhs as detailed below:-

1. HP State Cooperative Agri. & Rural Development Bank	Rs. 88.49 lakhs
2. Kangra Pry. Agri. & Rural Development Bank Limited	Rs. 23.25 lakhs
TOTAL:	<u>Rs. 111.74 lakhs</u>

The funds in the land purchase account to the tune of Rs. 38.31 lakhs on account of coercive action initiated against defaulting members. The bank sold land in such cases. As there were no bidders, the bank had to come forward for the purchase of land.

It is, therefore, necessary to strengthen the Share Capital of banks as well as on account of the programme of long term credit envisaged for the Eighth Plan. A total provision of Rs. 40 lakhs has, thus been made for the plan period under the scheme of which a provision of Rs. 3.30 lakhs has been made for the year 1991-92.

#### 4. Share Capital to Urban Cooperative Banks:

There are four urban Cooperative Banks functioning in this State. So far 0.75 lakhs assistance has been provided to these Banks. These Banks are providing credit facilities to petty traders in the towns. During the year 1988-89, these banks provided credit facilities to the extent of Rs. 3.75 crores.

It is proposed to provide assistance by way of share capital contribution to these banks during the Eighth Plan period for which the provision of Rs. 10 lakhs has been made for the Eighth Plan.

#### 5. Managerial subsidy to Primary Agricultural Credit Societies:

There are 2110 Primary Agricultural Credit Societies functioning at present in the State. It is expected that by the end of Seventh Plan, above 1000 would be viable units. It is proposed to assist the deserving potentially viable societies to defray the expenses on salaries of Secretaries during the Eighth Plan period at the rate of 3,600 per year per society. A provision of Rs. 80 lakh has thus been made for the plan period and Rs. 11 lakhs for the year 1991-92.

6. Marginal subsidy to Apex Central Banks

A provision of Rs. 5 lakh has been proposed for Eighth Plan; An outlay of Rs. 0.30 lakh has been proposed for Annual Plan 1991\_92.

7. Managerial Subsidy to Apex/Primary Agriculture and Rural Development Banks:

Under the scheme, assistance is proposed to be provided to the Banks during the Eighth Plan for the appointment of recovery staff @ one in each branch as well as for the staff in the new branches. For which an expenditure of Rs. 0.80 lakhs during the Annual Plan 1991-92 and Rs. 10 lakh for the entire plan.

8. Interest subsidy to credit Cooperative Societies:

This scheme would be continued in the Eighth Five Year Plan for the Scheduled Castes and Scheduled tribe members. These members would be provided credit facilities on the pattern of differential rate of interest by the Primary Agricultural Credit Societies. An outlay of Rs. 70 lakh has been proposed for Eighth Plan and an amount of Rs. 13.20 lakh for 1991-92.

9. Grant-in-aid in lieu of loans waived off:

As per decision taken by the State Government, the short term and Medium term loans taken by the former members of Cooperative Societies which could not be repaid upto 31/10/1989 are to be waived off by the State Government. For the purpose, the State Government has decided to borrow a sum of Rs. 15 crore from NABARD. This loan is to be repaid in three equal instalments of 5 crores and the first instalment is proposed to be repaid before the close of the current financial year. The 10% interest component of Rs. 10 crores for the year 1991\_92 works out to Rs. 105 lakhs. The instalment of principal is to be repaid by the State Government for which the Finance Department has made arrangement separately. As such, a provision of Rs. 230 lakh has been proposed for the Eighth Plan 1990-95 and an amount of Rs. 105 lakh for Annual Plan, 1991-92 to service the interest liability.

## 10. Agricultural Credit Relief Funds:

There are natural calamities such as drought, floods, etc. every year which cause extensive damage to the crops as well as the lands, thereby rendering some of the farmer members unable to repay their loans to the Societies. In order to provide relief to such farmers, it is proposed to build up an Agricultural Credit Relief Fund in the State. An outlay of Rs. 5.00 lakhs has been proposed under this scheme for the plan period.

## V. Warehousing, Marketing and Storage: ~~share capital~~

~~Contribution to Marketing Societies~~  
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 functions effectively, it is proposed to further augment their Share Capital base during the Eighth Plan period. Thus a provision of Rs. 60 lakh has been made for the plan period under this scheme and Rs. 12.65 lakhs for the year 1991-92.

## 2. Managerial Subsidy to Marketing Societies:

It is proposed to strengthen the managerial staff of the marketing societies and for this purpose, assistance is proposed to be given to deserving societies. An outlay of Rs. 40 lakh has been proposed for 8th Plan and an amount of Rs. 2.75 lakh for Annual Plan 1991-92.

## 3. Price fluctuation fund:

In order to encourage cooperative marketing societies to go in for outright purchases of agricultural, horticultural and minor forests produce, it is to provide assistance @2% of the value of outright purchase made in non-tribal areas and 5% in tribal areas as contribution of the price fluctuation fund to the marketing societies. A provision of Rs. 35 lakhs has thus been made for the 8th Plan period and Rs. 0.55 lakh for the year 1991-92.

## VI. Processing Cooperatives:

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 managerial subsidy to facilitate them to increase their borrowing power from the bank and to defray the managerial expenses to certain extent and for this provision of Rs. 40 lakh in share capital and Rs. 5.50 lakh in Managerial subsidy is proposed for the entire plan period out of which Rs. 10 lakh share capital and Rs. 2.20 lakhs for managerial subsidy is proposed to be spent during the 2nd year of the plan, i.e. 1991-92.

Four Cooperative Tea Processing Societies are presently functioning in Himachal Pradesh and the made tea of these Cooperative tea factories is sold in public auction in terminal markets of Amritsar and Calcutta. In order to save the cooperative tea factories from the losses due to unforeseen market fluctuation in prices, it is proposed to give cost subsidy to tea factories during the 8th Five Year Plan period 1990-95 for which a provision of Rs. 50 lakhs has been kept and out of this Rs. 5.50 lakhs will be provided as cost subsidy to the tea factories during 1991-92. This scheme of providing cost subsidy to tea factories was not in operation in the beginning of the Seventh Five Year Plan but was subsequently added to save the societies from the losses. Thus a provision of Rs. 100 lakhs has been proposed for 8th Plan and Rs. 13.20 lakhs for Annual Plan 1991-92.

~~VII Consumer Cooperatives~~  
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 price 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. It is, therefore, proposed

to strengthen these institutions by way of providing them share capital contribution, managerial subsidy, subsidy for furniture and fixture and interest subsidy.

A total provision of Rs. 70 lakhs has thus been made under the scheme for Eighth Plan and Rs. 8.80 lakhs for the year 1991-92.

#### 4. Marketing and Rural Godowns:

In order to build up storage capacity in cooperative sector, the Department had been assisting the cooperative societies both at the primary level and at the secondary level by way of loan share capital and subsidy under normal programme. Himachal Pradesh was included in the world bank cooperative storage project NCDC-II in the year 1981-82 and an ambitious plan for construction of 1100 rural godowns and 87 marketing godowns was drawn up to create the storage capacity of 82,500 MT and 21730 MT, respectively. The programme was subsequently revised and with the completion of world bank storage project NCDC -II, 55 marketing godowns and 800 rural godowns with storage capacity of 28,750 MT and 40,650 MT was created besides the storage capacity of 1,13,600 M.T. under the normal programme. This has raised the total storage capacity to 1,92,000 M.T. cooperative sector by the end of Seventh Five Year Plan. In view of the above comfortable position of storage capacity in Cooperation Sector, a provision of only a negligible amount of Rs. 5 lakhs has been kept under this head during the 8th Five Year Plan out of which Rs. 0.55 lakh is proposed to be spent during the 2nd year of the plan period 1991-92. Thus a provision of Rs. 75 lakh has been proposed for the 8th Plan and Rs. 9.35 lakh for Annual Plan 1991-92.

#### VIII. Fishermen Cooperatives

There is one fish Federation 22 Primary Fishermen Cooperative Societies functioning in this State for Govindsagar and Pong Dam reservoirs. The annual sale of these societies is estimated about Rs. 200 lakhs.

These societies are proposed to be further strengthened during the Eighth Plan period by providing them share capital contribution and managerial subsidy. Accordingly, a provision of Rs. 15 lakh for share capital contribution and Rs. 5 lakh for managerial subsidy has been proposed for 8th Plan. During Annual Plan 1991-92, a provision of Rs. 1.10 lakhs has been proposed.

#### IX. Industrial Cooperatives:

1. Share Capital Contribution:
2. Managerial subsidy:

There is one Apex weavers federation, 145 primary weavers cooperatives and 168 other types of industrial societies functioning in this State. The apex weavers federation has been organised in January, 1984. In order to strengthen Apex weavers federation, weavers societies and other industrial societies, it is proposed to provide them share capital contribution and managerial subsidy. Accordingly, a provision of Rs. 100 lakhs has been made for Eighth Plan and Rs. 8.80 lakh for the Annual Plan 1991-92.

#### X. Dairy Cooperatives:

During the Eighth Plan period, assistance is proposed to be provided to the Dairy Cooperatives for strengthening the capital structure of milk federation and primary milk producers societies as well as for giving managerial subsidy to them @ Rs. 3,600 per society per year as also subsidy for milk testing equipment. In addition to the assistance by way of grant-in-aid would be provided to the Primary Milk Producers Societies for the construction of milk collection sheds @ Rs. 10,000/- to each Cooperative Society. Accordingly, a provision of Rs. 35 lakh has been proposed for the Eighth Plan and Rs. 1.10 lakh for the Annual Plan 1991-92.

## XI. Housing Cooperatives

There are one hundred and fifty seven Housing Cooperative Societies functioning in this State. During the Eighth Five Year Plan period, it is proposed to organise more housing societies in the urban as well as in the rural areas. Assistance to these new and existing societies is proposed to be provided by way of managerial subsidy and share capital contribution. Accordingly, a provision of Rs. 60 lakh has been made for Eighth Plan and Rs. 7.70 lakh for Annual Plan 1991-92.

## XII. Labour and Construction Societies:

At present, there are 42 labour and construction societies in this State. The working of these societies by and large is not satisfactory. It is proposed to organise more labour and construction societies except Tribal districts of the State. In order to boost the working of existing societies as well as new societies, it is proposed to provide them share capital contribution and managerial subsidy during the Eighth Plan period. Accordingly, Rs. 5 lakh has been proposed for the Eighth Plan and Rs. 0.55 lakh for Annual Plan 1991-92.



### XIII. Other Cooperatives:

#### (a) Poultry Cooperative:

There are eleven societies in the State at present. Their working is at present stagnant except one society in Kangra district which is working satisfactorily. During the Eighth Plan period, it is proposed to strengthen them by way of share capital contribution and managerial subsidy. Accordingly, a provision of Rs. 5 lakh has been proposed for the Eighth Plan and Rs. 0.55 lakh for Annual Plan 1991-92.

#### (b) Transport Cooperatives:

As per policy of the State Government, Transport Cooperatives would be given preference in the allotment of route permit. As such Transport Cooperatives are coming up in the State. It is proposed to provide share capital contribution to these societies for increasing their borrowing powers and managerial subsidy to meet the expenses of salaries of managers, etc. Accordingly, a provision of Rs. 10 lakh has been proposed for the Eighth Plan and Rs. 1.10 lakh for Annual Plan 1991-92.

### (c) Wool Cooperatives

The sheep breeders have formed their cooperatives in tribal belt of the State in order to get remunerative prices of the wool. It is proposed to give financial assistance by way of share capital and managerial subsidy to make them eligible to obtain loan from the cooperative bank and to meet the salary expenses of the staff employed by these cooperatives. In addition to it, climate condition in certain areas of H.P. is ideally suited for rabbit rearing which will improve the economic condition of the breeders as angoora wool sells at a very good price. To start with a provision of Rs. 0.55 lakh as share capital and Rs. 0.27 lakh as managerial subsidy for the year 1991-92 and Rs. 8 lakhs and Rs. 2 lakhs for the entire plan period has been made.

### (d) Forest Cooperatives

#### 1. Managerial Subsidy:

Forest and soil conservation societies functioning in Kangra and Una Districts were organised as back as in 1940 consequent upon the decision of the then Punjab Government to organise such societies for preserving and protecting the forest with special reference to the prevention of erosion. The Punjab Government had notified Cooperative Forest Societies Rules in 1941 to regulate the working of these societies. Initially five years working plan was prepared for these Cooperative Societies. The Government was giving annual grant-in-aid for Rs. 50,000/- to these societies. The duration of working plan was changed for five years to ten years in 1961 and Government grant-in-aid was stopped after 31/3/1973. Since these societies are playing a significant role in preserving and protecting forest wealth and land erosion, etc., it is proposed to assist these societies in the form of managerial subsidy for which a provision of Rs. 5 lakhs is proposed to be spent during 1991-92

under this sub-head. A comprehensive study is currently been carried out under the agency of HIPA to prepare an integrated project report for providing financial, managerial and technical support to these societies for their revitalisation.

XIV. Floriculture cooperatives:

As the agro-climatic conditions of Himachal Pradesh are ideally suited for flower cultivation and in order to give boost to this crop, it is proposed to provide financial assistance to the cooperative societies to undertake this activity which would help increasing the income of the grower substantially. The assistance would be provided to the Cooperative Societies by way of share capital and managerial subsidy for which a provision of Rs. 4 lakhs and Rs. 1 lakh has been kept for the entire plan period. 2nd year expenditure of 1991-92 of the plan period has been kept Rs. 0.55 lakhs and Rs. 0.28 lakhs respectively as share capital and managerial subsidy.

XV. State share to fruit and vegetable Project @ 20%:

The State of Himachal Pradesh has 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 vegetables through a cooperative structure under world bank project NCDC-IV with a total project cost of Rs. 9 crores. State Government is to contribute 20 per cent of the block cost which comes to Rs. 180 lakhs for the entire 8th Five Year Plan 1990-95. A token provision of Rs. 5 lakhs for 1990-91 and Rs. 10 lakhs for 1991-92 has been kept.

XVI State Share Vanaspati Project:

As per decision of the Government, a project for the manufacture of vanaspati Ghee is to be set up in Cooperative Sector in Himachal Pradesh during 8th Five Year Plan with annual capacity of 30,000 M.T. for which an Apex Cooperative organisation known as the H.P. Cooperative Industrial Development and Oil Seeds Processing Federation Limited has been registered. The project is proposed to be funded by the National Cooperative Development Corporation and token provision of Rs. 10 lakhs as share of State Government for the year 1991-92 and Rs. 320 lakhs for the entire plan period has been proposed. The State Government is to contribute 20 per cent of the block cost which comes to Rs. 320 lakhs for the entire 8th Five Year Plan 1990-95. A token provision of Rs. 20 lakhs for 1990-91 and Rs. 10 lakhs for 1991-92 has been kept.

XVII State Share in Tea Development Project:

Presently, there are four Tea Processing Societies in the State. It is contemplated to provide packages of improved practices to Tea Growers under the concept of "One Window" during the Eighth Five Year Plan, National Cooperative Development Corporation has been requested to sanction the integrated cooperative 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 National Cooperative Development Corporation. The State Government is to contribute 20 per cent of the block cost of Rs. 7 crore which comes to Rs. 140 lakhs for the entire 8th Five Year Plan 1990-95. A token provision of Rs. 8 lakhs for 1990-91 and Rs. 15 lakhs for 1991-92 has been kept.

As a result of the investment proposed as above, the physical programmes as envisaged in the Eighth Plan and Annual Plan 1990-91 and 1991-92 are as indicated below:-

(Rs. in crore)					
Sl. Item No.	1989-90 (base level) Provisional	Eighth Plan targets	Targets for 1990-91	Targets for 1991-92	
1.	2.	3.	4.	5.	6.
1. Short term loans advanced during the year	8.00	0	40.00	25.00	27.00
2. Medium term loans advanced	16.50				
3. Long term loans advanced	4.00		9.00	5.00	5.25
4. Agricultural produce marketed by Coops.	17.50		30.00	18.00	20.00
5. Value of fertilisers retailed by Coops.	25.00		26.00	26.00	27.00
6. Capacity of Cooperative godowns upto the end of the year (000 tonnes)	200		220	203	205
7. Distribution of consumer articles in rural and urban areas	55.50		130.00	80.00	82.00

1.	2.	3.	4.	5.	6.
<u>8. Processing Units:</u>					
a) Organised		12	15	13	14
b) Installed		12	15	13	14
c) Cold Storage to be organised		-	1	1	1

## II. RURAL DEVELOPMENT:

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 8TH FIVE YEAR PLAN:

The basic thrust of the 8th 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 cooperative movement supplemented by voluntary organisations and associations of craftsmen.

Integrated Rural Development Programme:

I.R.D.P. was started in the year 1978-79 in H.P. covering only 29 blocks. On 2nd October, 1980, it was extended to 69 Development Blocks on 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 members are given according to the choice of the beneficiaries under primary, secondary and tertiary sectors. The benefits is given in kind which includes both the loan from a financial institution and subsidy from the Government. The rate of subsidies are Rs. 3000/- to general category and Rs. 5,000/- to SCs/STs families. At the district level, the District Rural Development Agencies, have been created which are responsible for the planning and implementation of the programme. There is a State Level Steering Committee at the State Headquarter with the Chief Minister as its Chairman and Minister-in-Charge as Vice Chairman. The Committee approved the Annual Action Plan and reviews the progress under I.R.D.P. and other programmes.

#### Antyodaya Programme:

The State Government has reintroduced Antyodaya Programme in the State from the current financial year. It has been proposed that in the 8th Five Year Plan, subsidy to non SCs/STs families identified under Antyodaya Programme will be given at par with the SCs/STs families,

Since the programme IRDP is being implemented in the State on 50:50 sharing basis and Government of India provides only 50 per cent subsidy to the IRD SCs/STs families and 25% to 33% subsidy to general categories, therefore, the State Government will provide the additional funds to make up the gap between 33% and 50% subsidy limit. The assistance will be given to the Antyodaya non SCs/STs families under IRDP and subsidy will be released to the

to the family out of IRD funds and the additional subsidy to be given to the family will be provided by the State Government. An outlay of Rs. 1500.00 lakhs has been proposed for the 8th Five Year Plan which includes Rs. 560.00 lakh as central share in view of the fact that this centrally sponsored schemes on 50:50 sharing basis is <sup>proposed to be</sup> transferred to the State Plan. This outlay includes Rs. 75 lakh for DWCRA, Rs. 25 lakh for TRYSEM infrastructure, Rs. 15 lakh for strengthening of training centre, Rs. 35 lakh for strengthening Block Level Administrative and State Level Monitoring Cell and Rs. 60 lakh for State Institute of Training and Research in Rural Development.

Under this programme, it has been proposed to cover 1,05,000 families during 8th Plan 1990-95 including 43,050 SC families and 5250 ST families. Out of these 1,05,000 families, 60,000 families will be those, who are provided first does of assistance during the 6th and 7th Plan. The remaining 45,000 families will be the new beneficiaries, who are yet to be given any assistance. Efforts will be made to raise the per capita investment during 8th Plan to a satisfactory level. Highest priority will be accorded to the families identified as Antyodaya <sup>families</sup> TRYSEM

TRYSEM is an integral part of IRD programme. The main thrust of the scheme is to equip the rural youths with necessary skills and technology to enable them to seek self employment. An eligible youth between the age of 18-35 years and belonging to target group is given training in a vocation of his choice by a Master craftsman or in an institution for a period of one year. The trainees get a stipend upto Rs. 150/- per month, if he gets training outside his

village Rs. 250/- per month per training. The institution/Mastercraftman is also given for raw material subject to the maximum limit of Rs. 200/- per trainee. A kit costing Rs. 500/- to each trainee is also provided. During the 8th Plan, it is proposed to train 10,000 youths under this scheme, out of which 50 per cent will be SCs/STs youths. The expenditure on TRYSEM training is incurred out of the IRDP funds itself.

D. W. C. R. A.

Development of Women and Children in Rural Areas (DWORA) is in operation in Kangra, Shimla, Chamba, Mandi and Simla districts. This programme is assisted by centre and State equally. Besides this, UNICEF also provide financial assistance to this programme which is utilised for training of officials non-officials and programme input viz. equipment to group of women, Child care facilities salary of A.P.O. and Additional Gram Sewaks, etc. The main objective of the programme is to increase the income of the Women by taking up income generating activities such as bamboo works, dairy development, carpet weaving, shawl making, bee keeping, handicrafts and spinning, etc. Besides this, the programme also envisages providing necessary supportive services to women of target groups in terms of provision for caring of children while the mothers are at work. During the Eighth Plan, it is proposed to organise 1500 groups in 5 districts, Kullu, Hamirpur, Solan, Una and Kinnaur.

**ANNUAL PLAN 1991-92:**

**K.R.N.C.V.:**

During the annual plan 1991-92, it is proposed to assist 12,000 families under IRDP. Out of these 12000 families 6000 will be old beneficiaries and all remaining will be new families. Under IRDP, Rs. 280 lakh (includes Rs. 125 lakh for C.S.S. to be transferred to State Plan) have been proposed which includes Rs. 224.50 lakh as subsidy to BODAs, Rs. 29 lakh have been kept for DWRA, Rs. 10 lakh for TRYM infrastructure, Rs. 10 lakh for extension training centre and Rs. 6 lakh for strengthening of Block level administration and State Monitoring Cell and Rs. 11.50 lakh has been kept for State centre for training and research in A.D.(HIDP). Under TRYM during 1991-92, it is proposed to train 2000 youths which will include about 50 per cent youths belonging to SCs/STs families. Under DWRA, it is proposed to organise 400 groups during the plan period. It is also proposed to extend the programme to another district viz. Main.

**ASSISTANCE TO ANTYODAYA NON SC/ST FAMILIES  
DURING 5th PLAN AND ANNUAL PLAN 1991-92.**

During the 5th Plan period, it is proposed to give an assistance of Rs. 425 lakh to Antyodaya SC/ST families under IRDP programme. During 1991-92, a provision of Rs. 105 lakh has been made to meet the expenditure on additional subsidy to be given to Antyodaya non SC/ST families.

(b) **INGERATED 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 particulars:-

a) To identify, formulate 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 developmental nature involving development of proto-type, 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 manufacturers 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 utilization 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.29.5 lacs out of which Rs.270 lacs was earmarked for Integrated Rural Energy Planning programme in the selected blocks against which an expenditure of Rs.234 lacs was incurred. The Proposed outlay for 8th plan is Rs. 570 lakh. Against the approved plan of Rs. 70 lakh for 1990-91, an outlay Rs. 118 lakh has been proposed for 1991-92.

## 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 8th Five Year Plan.

### Institutional Mechanism for 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 Clerk, 2 peons and One Driver. The Working Group recommended that there is need for strengthening the State Headquarter 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. But due to financial constraints, no additional provision have been made in the year 1990-91 and 1991-92. Rs. a provision of Rs. 190.40 lakhs have been earmarked for 8th plan out of which Rs. 37 lakhs have been proposed for 1991-92.

### Monitoring

Based on the experience of implementation of Integrated Rural Energy Planning Programme, a computerised monitoring system would be created in the State IREP Cell. The performance of the devices in the different IREP Blocks, validated with real block level data relating to various eco-regions of the state, will be monitored for investment planning of the programme.

## 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 wood 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. A sum of Rs.35.00 lacs has been proposed for training and motivation for 8th Plan period. Rs. 6 lakhs each have been earmarked for the year 1990-91 and 1991-92.

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 7th 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 or 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 was 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 8th 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 identified/Antodaya families)
5. Solar Cookers	Rs.250/- as State subsidy
6. Domestic Solar Water Heating systems 100LPD	Rs.3000/- State subsidy besides Rs.3000/- Central subsidy.
7. Pressure cookers.	50% of the cost or Rs.150/- whichever is less. (Only to identified/Antodaya families)
8. Improved Water Mills.	50% of the cost or Rs.1500/- whichever is less.
9. Solar stills.	50% 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. The outlays proposed for implementation of the programmes in IREP blocks during 8th Five Year Plan are Rs. 344.60 lacs and Rs. 75 lacs for annual plan period 1991-92 as against Rs. 44.60 lacs in the year 1990-91.

## 2. RURAL EMPLOYMENT:

### 2(a) JAMNABAR ROZGAR YOJNA:

After the merger of erstwhile programs of NREP/RLGP on new employment generation programs viz. JRY has been launched by the Government of India throughout the country from the year 1989-90. The main objective of the programme is generation of larger employment opportunities for the unemployed and under-employed persons both men and women in the rural areas and creation of productive community assets for direct and continuing benefits to the poverty groups. The expenditure under this programme is shared by the Centre and State Government on 80:20 basis. However, the allocation under JRY will be made for the next year on the basis that 9% the current year allocation of central share and 10% increase in the State share will be the allocation for next year, i.e., 1991-92. For the allocation of every succeeding year, 10% increase in the outlays of current year's allocation is to be made. The allocation of funds to the States is made on the basis of incidence of poverty and from State to District, the allocation is made on the basis of Number of agricultural labourers to main workers, percentage SCs/STs 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 works under this Yojna.

During the Eighth Five Year Plan 1990-95 and Annual Plan, the following outlays have been prepared under this programme:-

(Rs. in lakh)

Sl. No.	Sub Head	8th Plan 1990-95	Annual Plan 1991-92
1.	2.	3.	4.
1.	Employment Generation	4,934.00	1,056.00
2.	Staff Component Salary	54.00	10.80
3.	Provision for creation of Monitoring/supervision and audit cell	6.00	1.20
	<b>TOTAL:</b>	<b>5,014.00</b>	<b>1,067.00</b>

The above provisions include Central share as well as since this scheme is proposed to be transferred to State Plan.

**(1) EMPLOYMENT GENERATION:**

It is proposed to generate 119 lakh man-days under this programme during the 8th plan and 28.16 lakhs during annual plan 1991-92. The man-days have been worked out @ Rs. 25.00 per day for the 8th plan period and Rs. 22.50 per day during 1991-92.

**(1) MONITORING/SUPERVISION AND AUDIT CELL UNDER JRY:**

In order to ensure timely supervision, monitoring and reconciliation of statistical data relating to the programme and also to ensure the qualitative improvement in the implementation of the programme, it has been emphasized by the Government of India to create a monitoring/supervision and audit cell at the State headquarter. This cell would keep a close watch on the feedback of the programme. This cell is to be created out of 5% i.e. 0.5% has been indicated by the Government of India for meeting the establishment cost of the cell. Accordingly, 6 posts (Superintendent Grade-XII-1, Assistants-2, Typist-2 and Peon-1) under ministerial staff and 6 posts (Statistical Assistant-4, Typist-1 and Peon-1) under statistical staff has been proposed to be created under this cell

at the State headquarters during the annual plan 1991-92 out of 1/10th share of 5% funds earmarked for administrative expenditure at various levels as per the programme guidelines.

It is relevant to add here that only 20% of the total expenditure on the creation of this cell would have to be provided by the State Government as the programme is being on 80:20 basis between Government of India and State Government.

#### 2. STAFF COMPONENT SALARY:

During the financial year 1985-86, one post each of J.S. 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 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, it is suggested that these posts may be transferred to C.D. plan during Eighth Plan period so that the salary of this staff could be charged from a regular head and money kept for salary could be utilised for the programme.

#### (b) SPECIAL EMPLOYMENT PROGRAMME:

Mizoram Pradesh is predominantly a hilly State where as much as 92 per cent 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 NREGS 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 <sup>identified</sup> 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 villages. N.P. 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 get approved from the District Level Committees. The projects will be implemented through

blocks taking the concerned panchayat into consideration. Exhaustive employment scheme 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 Eighth Plan period. A sum of Rs. 2000 lakhs has been proposed for Eighth Five Year Plan under this scheme, out of which Rs. 450 lakhs will be spent during 1991-92.

### 3) LAND REFORMS:

#### a) Cadastral Survey and Record of Rights:

The work of Settlement Operations (Cadastral Survey and Record of rights) during the Seventh Five Year Plan remained in progress in Una, Kangra, Shimla, Kinnaur and Bilaspur Districts and Spiti Sub-Division of Lahaul-Spiti District. In Bilaspur District, only those estates were taken in hand where Bhakhra Dam outsees were allotted land. The work is complete in Kangra, Kinnaur and Spiti Sub-Division of Lahaul Spiti District except assessment and resurvey work in some estates. Similarly, settlement work in Nahan, Sarahan, Solan, Naina Devi ji, Bilaspur, Hamirpur and Dalhousie town, was also undertaken in hand. This work is now complete in Nahan, Sarahan, Solan, Naina Devi ji, Bilaspur, Hamirpur and Dalhousie towns.

The information stating expected achievement during the period of Seventh Five Year Plan, work completed in total and balance of work yet to be done is mentioned as under:-

District	Projected Khasra No.	Khasra No. measured during 7th Five year	Total numbers measured.	Balance
1.	2.	3.	4.	5.
<u>Kangra Division:</u>				
UNA	16,50,951	7,83,846	9,62,973	6,87,978
<u>Shimla Division:</u>				
SHIMLA	18,75,144	3,81,168	7,45,334	11,29,810



Expenditure incurred by the Department during the Seventh Plan against an outlay of Rs. 670 lakh remained as under:-

1985-86	Rs. 142.00
1986-87	Rs. 156.61
1987-88	Rs. 189.29
1988-89	Rs. 236.72
1989-90	Rs. 230.67

TOTAL: Rs. 955.29

During the Eighth Plan, an outlay of Rs. 1540 lakhs and for annual plan 1991-92, Rs. 290 lakh has been proposed. For the Annual Plan 1990-91, an outlay of Rs. 245 lakhs has been kept. The Eighth Plan outlay of Rs. 1540 lakh also includes a provision of Rs. 40 lakhs on account of purchase of Theodolite machine.

In addition to the ongoing spill over schemes, the following schemes are proposed to be introduced in a phased manner:-

Strengthening of supervisory staff:

There is utmost need to strengthen supervisory staff so that 4 Patwaris will be supervised by one Kanungo, 4 Kanungos by 1 Naib Tehsildar and 2 Naib Tehsildar by one <sup>and 3</sup> Tehsildar circles will be supervised by one Assistant Settlement Officer. Present supervisory control over staff is very loose. The work of Patwaris remains incomplete without checking and attestation of the supervisory staff. Similarly, staff at the

headquarter is also required to be strengthened so that service matters of field staff are settled in time and they may not waste their time in such matters. Under this scheme, staff will be appointed to strengthen the activities of the Department.

CENTRALLY SPONSORED SCHEME:

1. Introduction of Theodolite:

The present equipments of survey are not scientific and as such not accurate. There is much likelihood of mistakes, which results in wastage of time and Government money and also create boundary disputes. Use of these old wooden instruments for such work of cadastral survey requires change so that survey work is accurate by adopting new technology based on scientific methods. The Department has this proposal in mind since the beginning of Seventh Five Year Plan. This was repeated for sanction during each plan year from 1985-86 to 1989-90 but no sanction was accorded. Under this scheme, there is proposal to create 74 posts of Surveyor-cum-Kanungos (38 posts for Kangra division and 36 post for Shimla division) who will conduct this work with the help of Theodolites. An outlay of Rs. 40 lakhs has been proposed for this scheme during the 8th Plan.

2. Setting up of Vigilance Cell:

It has been experienced that number of complaints are received against the field staff, but these cannot be enquired into by the present strength

of Revenue Officers due to paucity of time and other Revenue work concerning settlement. As such these complaints remain unattended for a long time. The settlement work is of very important nature, all such complaints requires immediate enquiry. There is proposal to have a small Vigilance Cell in each Settlement unit headed by a Tehsildar, who will be assisted by two Kanungos, one Patwari, One Steno-Typist and One Peon. This will have some salutary effect on the staff.

3) Fixation of boundary pillars.

As proposed in the draft of Seventh Five Year Plan, there is new scheme under which the boundry pillars will be erected at every angle of the boundry between the adjoining estates from the Government exchequer. The rough estimates proposed at P.W.D. rates show that tri-junction pillars will cost Rs. 300 each while cylindrical R.C.C. pillar on each angle of boundry between two adjoining estates will cost at about Rs. 100 each. Approximately, in each estates, an average 9 cylindrical pillars and 3 trijunction pillars are required. In one year survey operation in about 450 villages are completed. Thus Rs. 9.00 lakh are required annually for this purpose.

b) SUPPORTING SERVICES TO THE NEW ALLOTTEES OF LAND:

This scheme will be continued as heretofore during the Eighth Plan as well. For the Seventh Plan, an outlay of Rs. 5 lakhs was kept under this scheme. An outlay of Rs. 5 lakh has been proposed for Eighth Plan and Rs. 1 lakh for the annual plan 1991-92 under this scheme.

c) CONSOLIDATION OF HOLDINGS:

Consolidation of Holdings is an important land reforms measure. According to an old survey report, the total estimated area fit for consolidation is 49 lakh acres in the State out of which 18,58,327 acres have been consolidated upto 31st March, 1990. During the Seventh Plan, the following yearwise achievement was made:-

<u>Year</u>	<u>Target (acres)</u>	<u>Achievement (acres)</u>
1985-86	80,750	85,912
1986-87	84,500	86,091
1987-88	81,250	73,583
1988-89	77,250	76,924
1989-90	77,250	72,554
TOTAL:	4,01,000	3,95,034

During the Seventh Plan, against an approved outlay of Rs. 425.00 lakh, an expenditure of Rs. 521.58 lakh was incurred. For the Eighth Plan and Annual Plan 1991-92, an outlay of Rs. 886 lakhs and Rs. 154 lakh has been proposed, respectively. With this investment, an area of 3,86,250 acres will be consolidated.

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 Agency in respect of the maintenance of Land Records, collection of Agricultural Statistics and other developmental and welfare 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 VI Five Year Plan period. But the allotment of very nominal funds could not help completion of this scheme even upto the end of VIth Five Year Plan period. There was a proposal of providing 3307 posts of various categories to complete this scheme within the VI Five Year Plan, but only 646 posts of various categories have been sanctioned during the VI Five Year Plan, out of which only 448 posts of Patwaris 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, a patwari in this State was handling 10,000 to 12,000 khasra number in the past, but with the operation of this scheme, the workload of patwaris has come down to some extent but not to the standard laid down in the Himachal Pradesh Land Records Manual, i.e. 4,440 khasra number per patwari. At the end of the VI Five Year Plan, there were only 1906 patwaris and at that time the workload with a patwari was about 6,147 khasra numbers. To bring down the average khasra number to 4,440 per patwari, a draft VIIth Five Year Plan 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.

During the Seventh Plan, against an outlay of Rs. 110 lakh, an expenditure of Rs. 232.66 lakh was incurred. For the Eighth Plan and Annual Plan 1991-92, an outlay of Rs. 730 lakh and Rs. 135 lakh has been proposed, respectively. For the annual plan 1990-91 an outlay of Rs. 80 lakh has been kept.

e) REVENUE HOUSING:

With a view to keep land records upto 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 2138 patwar circles in the Pradesh each manned by the Patwari out of which 1370 patwarkhanas are located in government buildings for which funds has been allocated under the scheme Revenue Housing 8th/9th Finance Commission/Drought Relief/Local District Plan.

Thus, without taking into consideration, the above total number of 1370 patwarkhanas, which required to be constructed during 8th Five Year Plan period. The latest position of Government/Private building of patwarkhanas and Field Kanungo offices in Himachal Pradesh is as under:-

Number of patwarkhanas in private building	No. of patks in Govt., building	Total Patwarkhanas
768	1370	2138
No. of field Kanungos office in private buildings	Number of field Kanungo-s office in Government buildings	Total field Kanungo-s office
177	43	220

For the Eighth Plan and Annual Plan 1991-92, an outlay of Rs. 60 lakh and Rs. 10 lakh has been proposed, respectively. Keeping in view this, the department proposed a total number of 768 patwar-khanas and 177 field kanungo offices to be constructed within the 8th Five Year Plan period. But due to proposed provision of Rs. 60 lakhs, the yearwise position is as under:-

<u>Year</u>	<u>Amount involved (Rs. in lakh)</u>
1990-91	5.00
1991-92	10.00
1992-93	12.00
1993-94	15.00
1994-95	18.00
	<u>TOTAL: 60.00</u>

f) FOREST SETTLEMENT:

The forest settlement operations are being carried out in Shimla and Kinnaur districts. The survey and settlement of the forests commenced in the year 1983. 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 the waste land under the provision of the Section 29 of the Indian Forest Act. It is being conducted under the Superintendence and control of the Land Settlement Officer, Shimla.



The forest settlement operation in Kinnaur district has been completed during the Seventh Plan and the existing staff deployed in Kinnaur has been shifted to district Shimla utilising their services.

The agreed Seventh Plan outlay for this head of development was Rs. 80 lakh, against this, the actual expenditure incurred has been Rs. 117.38 lakh. For Eighth Plan, an outlay of Rs. 190 lakh and for the Annual Plan 1991-92, Rs. 35 lakh has been proposed. For the Annual Plan 1990-91, an outlay of Rs. 31 lakh has been kept.

The physical achievement during the Seventh Plan and the proposed targets for Eighth Plan are depicted in the following table:-

District	Unit	Seventh Plan Achievement	Proposed Target	
			8th Plan 91	1991-92
<b>1. KINNAUR:</b>				
	(i) Area measured (In Hect)	13,263	-	-
	(ii) UPF's declared as DPF's	13	-	-
<b>2. SHIMLA:</b>				
	(i) Area measured (In Hect.)	35,951	47,500	9,500
	(ii) UPF's declared as DPF's	319	350	70

## COMMUNITY DEVELOPMENT:

The Community Development Programme was started in the Pradesh from 2nd October, 1952 with a view to stimulate economic development consistent with social justice. Today 69 development blocks are functioning in Himachal Pradesh to achieve the following objectives in the field of rural development.

- (1) Increased production;
- (2) Additional employment;
- (3) Equitable distribution of income
- (4) Awakening among rural masses towards health, hygiene, nutrition and socio-economic and cultural awareness;

### (1) GENERAL EDUCATION:

During Seventh Plan period, grant-in-aid of Rs. 10,000 per block was given to the panchayat samities for the construction and repair of primary school buildings. During Eighth Plan, it has been proposed to continue this assistance as it is an amount of Rs. 35 lakhs has been proposed for the Eighth Five Year Plan and Rs. 7.00 lakhs for the Annual Plan 1991-92.

### (ii) SOCIAL EDUCATION:

Under Social Education, grants-in-aid of Rs. 10,000 per block is given to the panchayat samities for the organisation of cultural programmes such as rural sports and other programmes of social importance. During the Eighth Plan, an amount of Rs. 35 lakhs has been proposed for this purpose and provision of Rs. 7 lakhs has been made for the annual plan 1991-92.

**(iii) COMMUNICATION:**

Grants-in-aid @ Rs. 10,000 per block is given to Panchayat Samities for undertaking construction of Katoha roads, bridle paths culverts, bridges and repair thereof in the villages. A sum of Rs. 55 lakhs has been proposed for this purpose during the Eighth Plan period and Rs. 3.50 lakh for annual plan 1991-92.

**(v) STAFF COMPONENT SALARY:**

An amount of Rs. 140 lakhs has been kept for meeting the salary of the staff created under C.D. during the Eighth Plan period. During annual plan 1991-92, an amount of Rs. 34.50 lakhs has been proposed for meeting this charge.

**(v) CONSTRUCTION OF RESIDENTIAL BUILDINGS AND GRAM SEWAK HUTS:**

(a) The housing needs of the staff working in the field, construction of residential quarters and gram sewak huts is undertaken under this programme. An amount of Rs. 75 lakhs has been proposed to be spent during the Eighth Plan period and Rs. 5.00 lakhs during the annual plan 1991-92, for the construction of 79 residential quarters and gram sewaks huts.

**(b) CONSTRUCTION COMPLETION OF ONGOING BUILDINGS:**

The construction work of various office buildings in the blocks is incomplete and for the completion of these buildings, a sum of Rs. 50 lakhs

has been proposed to be spent during the Eighth Plan period and Rs. 5 lakh has been proposed during the annual plan 1991-92 for the purpose.

vi) TECHNICAL EDUCATION:

An amount of Rs. 65 lakh has been proposed during the Eighth Plan period to meet the salary of the staff posted in the Tailoring Centres and Rs. 13 lakhs have been proposed to be spent during annual plan 1991-92.

vii) COMPOSITE PROGRAMME:

Under this programme, grants are provided for the promotion and strengthening of Mahila Mandals Yuvak Mandals, training of associate women and workers, incentive awards to Mahila Mandals, organisation of sammelans for non officials, etc. So far very meagre sum was provided for this programme. During the Eighth Plan period, it is proposed to provide grants at enhanced rate to Mahila Mandals in view of growing emphasis on the welfare of rural women folks. However, Mahila Mandal consists mostly of those women who otherwise are not the beneficiaries of I.R.D.P. and D.W.C.R.A., etc. Thus, it is proposed to strengthen Mahila Mandals consisting of those left out women. At the first instance, it is proposed to cover about 1500 Mahila Mandals. A grant of about Rs. 3000 per Mahila Mandal is proposed to be given for the organisation of

training/awareness camps, incentive awards, etc. An amount of Rs. 35 lakhs has been proposed during the Eighth Plan 1990-95 and Rs. 5 lakh during annual plan 1991-92.

(viii) STRENGTHENING OF ENGINEERING SERVICES AT SUPERVISORY LEVEL:

Block agency is mainly looking after rural engineering works. The works relating to Finance Commission, Drought relief, Panchayat Samities funds, Rural Housing, C.D. works, Local District Planning work in addition to the works under JRY (previously RLEGP/ MREP) were entrusted to the blocks. With the launching of JRY, the works of the engineering staff has increased manifold as the technical approval/scrutiny inspection and test check of the works proposed by the Panchayats are to be done by the blocks district Engineering staff. This technical staff is taken from the HPPWD by way of placement and in that Department, this staff enjoyed the facilities of office as well as residential accommodation, vehicle for touring, staff like Sub Divisional Clerk in the scale of Rs. 1800-2200, Assistant Sub Divisional Clerk in the scale of Rs. 950-1800 and 2-3 class IV employees but these facilities have not yet been provided by this department to this staff due to which reason outstanding and experienced Engineers shirk coming to this department from HPPWD as there is common cadre of this staff in respect of both the Department i.e. HPPWD and Rural Development Department. In order,

therefore, to ensure smooth running of these programmes, it is proposed to provide jeeps to 12 Assistant Engineers Development working in each district of Pradesh, construction of office/residential accommodation to these officers and also to provide atleast one Clerk and one Peon in these offices of the Assistant Engineers where no such staff has yet been provided. A provision of a sum of Rs. 49 lakhs has been proposed for Eighth Plan period and Rs. 5 lakhs has been proposed for Plan period of 1991-92 for the purpose.

ix) Agriculture:

Under this item, grants-in-aid of Rs. 3500 under non-tribal and Rs. 5700 under tribal per block per year is given to the panchayat ~~xx~~ samities for demonstration and popularisation/<sup>of</sup> improved agricultural implements on demonstrations carried out on farmers fields, encouragement of farmers, clubs, youth clubs and promoting progressive farmers, training and Gram Sahayaks programme in the field of agriculture and introduction of fruits growing and vegetable cultivation, etc. A sum of Rs. 18.10 lakhs has been proposed for this purpose during the 8th Plan period and Rs. 3.50 lakhs for annual plan 1990-91 and 1991-92, respectively.

**x) Minor irrigation and reclamation:**

Under this item, grants-in-aid @ Rs. 10,000 under non-tribal and Rs. 24,350 under tribal per block per year is given to the Panchayat Samitis for demonstration for undertaking and maintaining irrigation and land reclamation scheme, like surface wells, repair and deepening of existing wells, persion wheels, tubewells, pumping sets, wares across rivers channels including field channels, embankments, tanks, repairs and renovation of tanks, kuhls, anti-water logging measures such as drainages, soil conservation, coantour bunding and terracing, flood protection and the like. A sum of Rs. 37.40 lakh has been proposed for this purpose during the Eighth Plan period and Rs. 7.22 lakh for annual plan of 1990-91 and Rs. 7.35 lakhs for 1991-92, respectively.

**(xi) Health and Sanitation:**

Under this item, grants-in-aid @ Rs. 12,400 under non-tribal and Rs.21,400 under tribal per block per year is given to the Panchayat samities for the construction and repairs to drinking water supply works, works of drainage, payment 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, smokeless chullahs and pavement of village lanes, etc. is also done. A sum of Rs. 46 lakhs has been proposed for this purpose during the Eighth Plan period and Rs. 8.84 lakhs for Annual Plan 1990-91 and Rs. 8.95 lakhs for 1991-92, respectively.

xii) Animal Husbandry:

Under this grants-in-aid @ Rs. 1990/- under non-tribal and Rs. 5700 under tribal per block per year is given to the Panchayat Samitis for the supply of medicines, improved animals and birds, etc. A sum of Rs. 8.50 lakhs has been proposed for this purpose during the 8th Plan period and Rs. 1.64 lakhs for Annual Plan 1990-91 and Rs. 1.65 lakhs for 1991-92, respectively.

xiii) Industries:

Under this item, grants-in-aid @ Rs. 5150 under non-tribal and Rs. 2850 under tribal per block per year is given to the Panchayat Samities for the payment of stipend to the trainees of rural areas undergoing training in different trades in ITI/RITIs. A sum of Rs. 10.70 lakh has been proposed for this purpose during the 8th Plan period and Rs. 2.06 lakh for annual plan 1990-91 and Rs. 2.10 lakhs for 1991-92, respectively.



xiv) Maintenance of Buildings constructed by Rural Development;

In some of the blocks, Rural Development Department has constructed its own buildings. Certain buildings are in a dilapidated conditions. For the maintenance of these buildings, it is proposed to spend Rs. 10 lakh during the 8th Plan.

Matching incentive grants-in-aid to Mahila Mandals, Yuvak Mandals and other voluntary organisation of worksheds.

The department proposed to give matching incentive grants-in-aid to Mahila Mandals, Yuvak Mandals and other voluntary organisation for construction of worksheds, etc. wherein they can start income generating activities. It is proposed to give a matching incentive grants @ Rs. 10,000 per organisation and those organisations will contribute 25% of the total grant, i.e. Rs. 2500 to the grant released by our Department. Initially, it is proposed to give the assistance to 1000 such organisations. An amount of Rs. 70 lakhs has been proposed to be spent during 8th Plan period and Rs. 10 lakh during annual plan 1991-92.

STRENGTHENING OF ADMINISTRATIVE MACHINERY AT THE STATE HEADQUARTERS.

The Department is in operation since 1952 but the administrative machinery at the State Hqrs. has not been strengthened to the minimum requirement. The present machinery has been hardly sufficient to cope with the increasing load of work at the State Hqrs.

and with the launching of centrally sponsored schemes like IRDP, TRYSEM, DWCRA, Smokeless chullahs, NREP, RLEGP( now merged under JRY), JRY, Indira Awas Yojana and State schemes, i.e. two room tenements and rural sanitation besides planning work, it has been very difficult for the department to handle the work of these schemes in addition to normal work of C.D. programme which has increased manifold. It is also worth mentioning that the Government of India, no doubt, has indicated to strengthen administrative machinery at the State Headquarters in every programme but nothing has been done in this regard, Taking into consideration the above facts, it has become imperative to give boost to the administrative machinery at State Headquarters. In view of the necessitated felt need due to increased work load, it has, therefore, been proposed to create 12 posts(Superintendent Grade-I, Assistants-3, Clerks-4, Librarian-1 and Peons-3) at the State Hqrs. of the Department which is the minimum proposal during the 8th Plan period and an amount of Rs. 15 lakh has been proposed for 8th Plan period 1990-95 and Rs. 3.50 lakhs for 1991-92.

**MISCELLANEOUS 'UNICEF' PROGRAMMES AND OTHER CISC PROGRAMMES:**

During the current financial year, an outlay of Rs. 10 lakhs has been approved for Misc. UNICEF programme. During the 8th Plan period, the department

proposes to start some programme for the welfare of the children belonging to the weaker sections and rural women with the help of UNICEF. Besides, some other suitable schemes will also be taken up which would help in promoting the welfare of rural people.

During 8th Plan period, a sum of Rs. 25 lakh has been proposed to be spent on this scheme out of which Rs. 5 lakhs will be utilised during 1991-92. Thus during the 8th Plan, a provision of Rs. 750 lakhs has been proposed. An outlay of Rs. 127 lakhs has been proposed for annual plan 1991-92 under C.D. programmes.

## PANCHAYATS:

Three tier Panchayati Raj system in Himachal Pradesh is in existence since 1954. The Gram Panchayats at the grass-root level, Panchayat Samitis 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 Samitis and 12 Zila Parishads in the Pradesh. Elections to Gram Panchayats and Panchayat Samitis except Panchayat Samitis of Jubbal-Kotkhai in Shimla District and Panchayat Samiti Pragpur in Kangra District, where elections of Chairman and Vice Chairman of Panchayat Samitis 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 scheme, we cannot expect desired results and all-round development of the rural areas stress today 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 & hardly enough for meeting the domestic expenses of these institutions what to talk of dev. works. With 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 the Panchayati Raj institutions for the creation of infrastructure required by them for carrying out their day to day work besides other general grants.

Against the Seventh Five Year Plan outlay of Rs. 140.00 lakh, Rs. 780.00 lakh has been proposed for the Eighth Five Year Plan. The proposal for the Annual Plan 1991-92 is Rs. 139.00 lakh.

1. 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 accommodation for rental purposes and raising of orchard etc. which could become a source of permanent income to these bodies. Under this scheme Rs. 10. lakh has been proposed for the Eighth Plan. Against this Rs. 20.00 lakh has been proposed for Annual Plan 1991-92.

2. 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 Mashobra 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. 20.00 lakh has been proposed for the Eighth Plan. The proposed outlay for the Annual Plan 1991-92 is Rs. 4.50 lakh.

3. Grant-in-aid to Panchayats equal to the collection of Enhanced House Tax:

The provision of Rs. 15.00 lakh has been proposed during eighth plan and the proposed with a view to fulfil 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. The proposed outlay for 1991-92 is Rs. 2.00 lakh.

4. 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 accommodation 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 in to be given grants-in-aid for construction of Panchayat Ghars. This NO. is also likely to increase further as a result of reorganisation of existing gram sabha circles. Rs. 40.00 lakh has been proposed during Eighth Five Year Plan and Rs. 7.00 lakh for the Annual Plan 1991-92.

5. Grant-in-Aid to Panchayats for the Purpose of Periodicals/ Journals and Library Books:

This scheme is in existence for the past so many years. During the eighth plan Rs. 25.00 lakh has been proposed. Against which Rs. 4.00 lakh has been proposed for the year 1991-92. It is proposed to provide grant in aid @ Rs. 1,000 per annum per panchayat during the first two years of the eighth plan and Rs. 500 per annum per panchayat during the remaining three years. During the current year the number of panchayats is likely to increase by two hundred as a result of reorganisation of existing gram sabha circles.

6. Creation of Planning and Monitoring Cell:

Presently there is no staff at the Directorate level to deal with the plan schemes except an Assistant, who in addition to the work relating to plan has also been assigned other subjects. In view of the enhancement of the size of our plan which is likely to increase further in the years to

come, it has become very essential to create an independent Planning and Monitoring Cell at the Directorate, for which an amount of Rs. 1.00 lakh has been proposed during the eighth plan. Rs. 0.50 lakh has been proposed for the Annual Plan 1991-92.

**7. Grant to Panchyats 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. Demand from other Panchayats for the sanction of grant-in-aid under this scheme are also being received. For the Eighth Plan, outlay Rs. 60.00 lakh has been proposed under this scheme against which an outlay of Rs. 11.00 lakh has been proposed for the Annual Plan 1991-92.

**8. Panchayat Prize Competition Scheme:**

The scheme is existence since long and was incorporated with a view to inculcate the habit of competition amongst the Panchayats to boost development activities in the rural areas. The amount of prize money under this scheme is proposed to be doubled during the 8th Plan. Previously in the State level competition the Panchayats standing first, second and third were awarded a cash prize of Rs. 14,000/- 10,000/- and Rs. 6000/- respectively and in the District level competition one Panchayat adjudged best was given a cash prize of Rs. 2000/- each. During the eighth five year plan it is proposed to spend Rs.2.70 lakh under this scheme. The proposed outlay for the Annual Plan 1991-92 is Rs. 0.50 lakh. An amount of Rs. 0.27 lakh is likely to be spent during 1989-90. An outlay of Rs.0.54 lakh has been proposed for the annual plan 1990-91.

**9. 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 accommodation to the functio-

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 Samitis for the construction of their office buildings which will have a hall for holding meeting of the Panchayats Samitis as well as sammelans and seminars besides office of the Chairman Panchayat Samiti. During the Eighth Plan, outlay of Rs. 75.00 lakh has been proposed under this scheme. Against this an outlay of Rs. 15.00 lakh has been proposed for the Annual Plan 1991-92.

10. Training to Newly Elected Office Bearers of Panchayati Raj Institutions:

Imparting of training to the newly elected representatives of the Panchayati Raj bodies concerning the functioning of the Panchayati Raj Institutions is an important task which the department has to accomplish. Presently two training institutes one at Mashobra and other at Baijnath having one Principal and three Instructors with other staff are functioning. Training programme of the functionaries of the Panchayati Raj Institutions is to be taken up soon after the completion of the election which are likely to be completed by the end of current financial year. Government is also laying stress on early completion of this programme. Training is imparted by holding training camps of three days duration preferable at the block headquarter and in such camps 50 to 60 representatives are invited to participate, but the actual attendance in a camp on an average is 40. In all, training is to be imparted to about 30,000 functionaries and with the existing staff it is not possible to complete the training programme even on the expiry of 5 years. For this besides the existing staff, six instructors are inadequate to cope with the quantum of training work. For attending this training, trainees are to be given diet money @ 12/- per head per day besides actual to and for actual bus fare and the diet money presently being paid needs appropriate enhancement. In view of this a new Panchayat Raj Training Institute during the 8th Plan needs to be established which will have one Principal and six instructors besides supporting staff and the strength

-ening of



instructors in the existing two training institutes needs to be raised for 3 to 6. During the eighth plan Rs. 6.30 lakh has been proposed under the scheme Rs. 1.00 lakh is proposed for the Annual Plan 1991-92.

**11. Strengthening of Offices:**

There has been a considerable increase in the work load of this department as a result of substantial increase in the number of Panchayats, transfer of work relating to the conduct of audit of the Panchayati Raj Institutions from the Local Audit Department and substantial increase in the allocations of funds for the execution of various plan as well as the Non-Plan schemes, whereas the position of staff in the department had remained static. For this 5 posts (District Audit Officer-1, Auditor-2, Clerk-1 and Peon-1) are required at the State headquarter & one clerk in the offices of each district Panchayat Officers, Rs. 5.00 lakh has been proposed for the 8th plan. During the Annual Plan 1991-92 Rs. 1.00 lakh will be spent.

**12. 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 Samitis and Pradhans and Up-Pradhans of Gram Panchayats are to be paid a monthly honoraria of Rs. 300/- Rs. 150/- Rs. 100/- and Rs. 50/- respectively. Presently, there are 2597 Gram Panchayats and 69 Panchayat Samitis. To meet the expenditure of this scheme outlay of Rs. 238.00 lakh has been proposed for the entire eighth plan period. Against this, Rs. 51.00 lakh has been proposed for the Annual Plan 1991-92.

**13. Organisation of Panchayat Sammelans:**

Elections of Panchayati Raj Bodies are likely to be completed by the end of current financial year. With a view to provide opportunity to the newly elected representative to discuss their common problems in finding out solution there to sammelans are proposed to be organised during 1991-92 Rs. 2.00 lakh has been proposed for the entire 8th Plan period for holding such sammelans. During the year 1991-92, Rs. 0.50 lakh is likely to be spent under this scheme.

**14. Interest Subsidy to Panchayati Raj Bodies on remunerative assets:**

Loans are sanctioned by the Nationalised banks/ co-operative banks to the Gram Panchayats for remunerative assets (construction of Stalls/ Shops/ residential accommodations for rental purposes, raising of Panchayat orchards, and Social Forestry Schemes. Interest rate @ 6% per annum will be published by the Government. To meet this liability a provision of Rs. 39.00 lakh for the Annual Plan 1991-92 and Rs. 280.00 lakh for the entire eighth plan has been proposed.

**III. SPECIAL AREA PROGRAMME:**

**DESERT DEVELOPMENT PROGRAMME:**

This programme is being implemented in the Spiti Sub-Division of Lahaul & Spiti District since 1979-80 and in the Pooh Sub-Division of Kinnaur Distt. since 1982. This programme is primarily vent for the Integrated Development of Desert Areas with special emphasis on increasing the productivity income level and employment opportunities for the people of these areas. Under this programme steps for the prevention and further deterioration of areas and spread of desertic conditions are also under taken.

This scheme is 100% Centrally Sponsored Scheme which is now proposed to be transferred to state Plan. Accordingly during 8th Plan it is proposed to spend Rs. 500.00 lakh and Rs. 180.00 lakhs will be spent during 1991-92 under this programme.

#### IV. IRRIGATION AND FLOOD CONTROL:

The total geographical area of Himachal Pradesh is 55.67 lakh hectares. 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 5.83 lakh hectares 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. Statistical data regarding irrigation in the State is given below

S.No	Items	Unit	
1.	Total geographical area	Lakh hect.	55.67
2.	Net area sown	"	5.83
3.	Ultimate Irrigation potential available.		
	1) Major and Medium Irrigation	'000 hect.	50.00
	ii) Minor Irrigation	"	285.00
		<b>Total</b>	<b>385.00</b>
4.	Coverage upto the end of 7th Plan	"	160.384

a) Major Irrigation Project: The only major irrigation Project in the State is Shahnehar Project in District Kangra. With the construction of Shahnehar barrage the water of river Beas was diverted by Punjab, thereby adversely affecting 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 Govt. agreed to release 228 cusecs water for 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. The total project cost at 1987 price level is Rs. 49.30 crore and the same stands submitted to the Central Water Commission in July, 1987 for scrutiny and approval. The cost

of lifting water from the channel and distribution work was to be borne by the Himachal Govt. which is Rs. 19.28 crore and the remaining cost of Rs. 30.02 crore has to be borne by the Punjab Govt. The salient features of the project are as under:

- i) Estimated cost Rs 49.30 crore
- ii) Area to be benefitted
  - a) Gross Command Area 22,627 hect.
  - b) CCA 15,287 "
  - c) No. of villages 93
- iii) Supplies to be utilised 228 cusecs
- iv) Yearly Water requirement 0.163 MAF
- v) Length of Canals
  - a) Right bank canal 48.85 Kms.
  - b) Left bank canal 33.00 Kms
- vi) Benefit cost ratio 2.07:1
- vii) Expenditure during sixth Plan 43.33 lakh

The approved outlay for this project during the seventh plan is Rs. 800 lakh against which an expenditure of Rs. 257.30 lakh has been incurred. An outlay of Rs. 54 lakh was approved for the Annual Plan 1990-91. Pending approval of the Project from the Government of India, an outlay of Rs. 315 lakh has been proposed for 8th Plan. An outlay of Rs. 57 lakh has been proposed for Annual Plan 1991-92.

b) Medium Irrigation Projects: Two medium irrigation projects namely (i) Giri Irrigation Project (ii) Bhabour Sahib Phase I with an irrigation potential capacity of 6166 hectares have been completed. The work on another two projects is in progress. The details of expenditure incurred and physical coverage achieved is given as under in respect of completed projects:

Name of the scheme	Estimated cost (Rs. in lakh)	Expenditure incurred (Rs. in lakh)	Physical Achievement (in hectrs).
1. Giri Irrigation Project	823.00	823.00	
2. Bhabour Sahib Phase I	85.00	93.06	923
Total	908.00	916.06	6186

The work on two medium irrigation projects viz Balh Valley Project and Bhabour Sahib Project Phase II is in progress. The project wise details are given 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. The project on completion will create an irrigation potential of 2410 hect. The revised project report amounting to Rs. 827 lakh has been submitted to the Central water Commission for approval. The salient feature as well as expenditure incurred and physical progress achieved under this project is as under :

a)	Source	Baggi Channel of Beas Sutlej link Project
b)	CCA	2410 hectares
c)	Sanctioned cost	Rs. 302.71 lakh
d)	Revised cost	Rs. 827 lakh
e)	Expenditure incurred upto March, 1990	Rs. 676.85 lakh
f)	Progress achieved upto March 1990	1950 hect.

During the 8th Plan, an outlay of Rs. 200 lakh has been proposed. Against the anticipated expenditure of Rs. 141 lakh during Annual Plan 1990-91, an outlay of Rs. 50 lakh has been proposed for Annual Plan 1991-92. As a result of this investment the remaining 460 hect. of CCA will be achieved.

2. Bhabour Sahib Project phase-II. This project is in Una district of the Pradesh. The project is approved for Rs. 426 lakh to create an irrigation potential of 2640 hectares. The work on this project was started during 1988-89. The salient features of the project are as under :-

a)	Source	Mangal Dam Reservoir
b)	CCA	2640 hectares
c)	Water to be drawn	26.28 cusecs
d)	Sanctioned estimated cost	426 lakh
e)	Expenditure upto 3/89	61.47 lakh

The sanctioned cost of the project is Rs. 4.26 crore at 1982 price level whereas its completion cost will be of the order of Rs. 900 lakh. During the 8th Plan, an outlay of Rs. 350 lakh has been proposed against the anticipated expenditure of Rs. 60 lakh during 1990-91, an outlay of Rs. 150 lakh has been proposed. As a result of this investment, 1000 additional area will be brought under irrigation. Thus an amount of Rs. 850 lakh shall be required for its completion.

Besides the above two projects, the four projects viz (i) Medium Irrigation Project in Beet area in district Una, (ii) Sidhata irrigation project in district Kangra (iii) Phina Singh irrigation Project in district Kangra and (iv) Kripal Chand irrigation Project in district Kangra are at advanced stage of investigation and these are proposed to be taken up during the 8th Plan after their approval. As such, an outlay of Rs. 400 lakh has been proposed for the 8th Plan. Against a budget outlay of Rs. 4 lakh during 1990-91, an outlay of Rs. 20 lakh has been proposed for Annual Plan 1991-92.

2. Minor Irrigation: During the Eighth Plan an outlay of Rs. 112.00 Crore has been proposed under this head of development. Against an outlay of Rs. 2225.00 lakh for the annual plan 1990-91 an outlay of Rs. 3385 lakh has been proposed for Annual Plan 1991-92. The details of financial and physical achievements during the Seventh Plan and proposals for 8th Plan and Annual Plans are as under :-

Item	Financial position (Rs. in lac)				Physical achievements (hect/CO.)			
	IPH	USAID	RDD	Total	IPH	USAID	RD	Total
1.	2.	3.	4.	5.	6.	7.	8.	9.
I. 7th Plan								
exp.	2516.73	3202.98	79.24	5798.95	2715	6886	1854	11455
II. Proposed								
8th Plan								
outlay:	7000.00	4000.00	200.00	11200.00	14000	7750	900	22650
1990-91	820.00	1355.00	50.00	2225.00	250	2500	250	3000
1991-92 (Proposed)	1250.00	2100.00	35.00	3385.00	2000	2500	250	4750

3. Command Area Development: The Command area development programme was initiated in the fifth plan with a view to optimising agricultural production through better management of land and water use in the Command area of irrigation projects 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.

The Government of India has already sanctioned following three schemes under the Command area development :

S.No.	Name of the project	(Rs. in lakh) Sanctioned cost
1.	2.	3.
a)	Giri Irrigation Project	377.00
b)	Balh Valley Project	154.28
c)	Bhabour Sahib Phase I Project	54.76
Total		586.04

During the 8th Plan an outlay of Rs. 410.00 lakh has been proposed for this head of development. Against an outlay of Rs. 40 lakh for the annual plan 1990-91 an outlay of Rs. 84 lakh has been proposed for 1991-92. The outlay for 1991-92 includes Rs. 38.00 lakh for Central transfers to State Plan. As a result of this investment the physical targets set are as under :-

S. No	Items	Unit	8th Plan Target	Likely achievement during 1990-91	Proposed Target for 1991-92
1.	2.	3.	4.	5.	6.
1.	Field Channels	Hactares	4838	1000	1300
2.	Wara Bandi	"	8453	250	500

4. Flood Control: The entire region of Himachal Pradesh forms catchment of rivers Yamuna, Sutlej, Beas, Ravi and Chenab which flow from its territory to plains and carry a very heavy

load of silt. The path that these rivers and their tributaries transverse is having steep slopes causing thereby high velocity and erode much of the cultivable lands. The population also gets affected as houses and agricultural land often gets submerged or get washed off. Flood protection works in the shape of channelisation of these rivers and their tributaries by construction of embankments and spurs at places which are prone to floods is essential.

The total geographical area of the state is 55.70 lakh hectares and culturable area is 5.83 lakh hectares. According to a rough estimate about 2.31 lakh hectares area in the State is subjected to yearly flood havoc. There is an immediate need to provide flood protection works in most affected flood prone area along Giri river, Suketi Khad, Swan nadi, Sirsa nadi and Chakki Khad. An outlay of Rs. 600 lakh has been proposed for 8th Plan. Against an anticipated expenditure of Rs. 90 lakh during Annual Plan 1990-91, an outlay of Rs. 100 lakh has been proposed for Annual Plan 1991-92.



## V-ENERGY

### 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 with in 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. 350.76 Crore. With this investment installed capacity of 130.50 MW was generated 166.135 KMs length of 220 KV and above laid and 361 pumpset energised. The excess expenditure under this head was incurred by raising resources outside the plan, through IDBI and Co-operative Banks.

The approved outlay for the Year 1990-91 is Rs. 58.00 Crore which will be spent in full. An outlay of Rs. 560.00 Crore has been proposed for Eighth Plan of which Rs. 80.00 Crore has been proposed for Annual Plan 1991-92.

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 provide for renovation and modernisation of existing power houses for additional generation benefits.

#### 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. 19480.26 Lakh. An outlay of Rs. 4017.00 Lakh has been kept for it during the Annual Plan 1990-91. For Eighth Plan an outlay of Rs. 40000.00 Lakh has been proposed under this component out of which Rs. 5518.00 Lakh has been proposed for Annual Plan 1991-92. It is proposed to generate 27.30 MW of electricity during the Plan period.

#### II. ON-GOING PROJECTS

##### 1. Thirot 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. 25.97 crore. The power generated from this project shall be utilised in the remote tribal areas of Lahaul and Pangri 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 1992. For the Annual Plan 1990-91 an outlay of Rs. 200 Lakh has been kept for this project. An outlay of Rs. 1007.00 Lakh has been proposed for the Eighth Plan of which RS. 475.00 Lakh has been proposed for Annual Plan 1991-92.

2. 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 the uncertainty about the availability of funds. The project is now scheduled for completion in March, 1993.

An outlay of Rs. 788.00 Lakh has been proposed for this project during Eighth Plan out of which Rs. 292.00 Lakh has been proposed for Annual Plan 1991-92. Besides an amount of Rs. 1610.00 lakh will be available from the Power Finance Corporation for this project in the first two years @ Rs. 506.00 lakh for 1990-91 and Rs. 1104.00 lakh in the year 1991-92.

3. 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. This project is now scheduled for commissioning in March, 1993. An outlay of Rs. 776.00 Lakh has been proposed for the Eighth Plan of which Rs. 291.00 Lakh has been proposed for Annual Plan 1991-92. Besides an amount of Rs. 1467.00 lakh will be available from the Power Finance Corporation for this project in the first two years @ Rs. 865.00 lakh for 1990-91 and Rs. 602.00 lakh in the year 1991-92.

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. 13.75 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 has been awarded during August, 1988. The scheme is Scheduled for Commissioning during 1992-93. An outlay of Rs. 300.00 Lakh has been proposed for Eighth Plan of which Rs. 135.00 has been proposed for the Annual Plan 1991-92.

5. Killar Hydel Project (0.30 MW) :

HP State Electricity Board has sanctioned the scheme amounting to Rs. 1.73 crore and is being executed under the State Plan during the Eighth Plan. An outlay of Rs. 1.52 crore has been proposed for the Eighth Plan and for Annual Plan 1990-91 it has been proposed to the tune of Rs. 60.00 Lakh.

6. UHL Stage-III project (70 MW) :

This Project is located in Mandi district. The project is estimated to cost Rs. 97.66 crore as per the estimates framed during 1984. The revised cost of the project has been estimated at Rs. 16200.00 lakh. The project is scheduled for commissioning during 1997-98. An outlay of Rs. 1795.00 lakh has been proposed for Eighth Plan of which Rs. 125.00 lakh has been proposed for Annual Plan 1991-92.

7. Largi Hydel 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. 33500.00 lakh and it is scheduled for commissioning during the year 1997-98. An outlay of Rs. 4189.00 lakh has been proposed for Eighth Plan of which Rs. 340.00 lakh has been proposed for the Annual Plan 1991-92.

8. 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. 1472 crores (Generation Component including the interest during construction) The project is scheduled for commissioning during 1995-96. The financing plan of this project in terms of percentage cost is as under :-

Sources of Funds	Percentage
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%

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. 2096.57 lakh. For Eighth Plan an outlay of Rs. 25000.00 lakh has been proposed of which Rs. 3350.00 lakh has been proposed for the Annual Plan 1991-92.

## NEW SCHEMES

1. For the Eighth Plan following three hydel projects have also been proposed for approval :-

- i) Holi hydel project.
- ii) Dhamwari-Sunda hydel project.
- iii) Baspa II hydel project.

An outlay of Rs. 93.00 lakh as a token provision has been proposed for Eighth Plan for three projects.

2. Kol Dam Project (800 MW) :

Kol Dam project with an installed capacity of 800 MW is proposed to be executed in the joint sector. The State Govt. shall be contributing its share of investment on the pattern of Nathpa Jhakri Project. Accordingly a provision of Rs. 5000.00 lakh has been proposed for Eighth Plan of which Rs. 50.00 lakh has been proposed for Annual Plan 1991-92.

## 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 8th Plan. For the Annual Plan 1990-91 an outlay of Rs.450 lakh has been kept. An outlay of Rs. 10300.00 lakh inclusive of Rs. 6700.00 lakh for the World Bank assisted project has been proposed for Eighth Plan of which Rs. 1547.00 lakh inclusive of Rs. 1000.00 lakh for World Bank project has been proposed for Annual Plan 1991-92. This is necessary not only to improve the quality of supply but to give well-knit distribution network in the State and reduce considerably the T&D losses.

### 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. 750 lakh has been kept for the year 1990-91. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 4600.00 lakh and Rs. 825.00 lakh has been proposed, respectively.

### 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	Rs. 985 Lacs.
2. Rukti Power House	Rs. 76 "
3. Nogli Power House	Rs. 127 "
4. Bassi Power House	Rs. 800 "
Total	Rs. 1988 Lacs.

An outlay of Rs. 50.00 lakh has been kept under this head for the Annual Plan 1990-91. An outlay of Rs. 600.00 lakh has been proposed for Eighth Plan of which Rs. 10.00 lakh has been proposed for Annual Plan 1991-92. Besides an amount of Rs. 360.00 lakh will be available under this head for the renovation and modernisation of Giri Power House from Power Finance Corporation in the first two years of the Eighth Plan @ Rs. 160.00 lakh for 1990-91 and Rs. 200.00 lakh for Annual Plan 1991-92.

### 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. 250.00 lakh has been proposed for the Eighth Plan. An outlay of Rs. 50.00 lakh has already been kept for the Annual Plan 1990-91. An outlay of Rs. 50.00 lakh has been proposed for Annual Plan 1991-92.

**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. 250.00 lakh has been proposed for the Eighth Plan and for the Annual Plan 1991-92 the allocation decided is Rs. 50.00 lakh.

**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 no. sizes is given as under:

**Percentage 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
<b>Total</b>	<b>100.00</b>

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 1982-83 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.

The approved Seventh Plan outlay for the development of Bio-Gas was Rs. 450 lakh. The actual expenditure under this head for the Seventh Plan is Rs. 85 lakh. The proposed outlay for Eighth Plan and Annual Plan 1991-92 is Rs. 811.00 lakh and Rs 171.00 lakh respectively. It also includes Rs. 361.00 lakh for Eighth Plan and Rs. 81.00 lakh for Annual Plan 1991-92 an account of share of Central Sponsored Scheme being built in the State Plan for its transfer.

## Development of Other 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 network. As the conventional sources of energy are limited, there is a prompt need to invest in energy saving 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 Plan an outlay of Rs. 25 lakh was provided under this head of development. The actual expenditure incurred during the Seventh Plan was Rs. 37.00 lakhs.

Development of Non-Conventional Energy Sources and renewable sources of energy will constitute the core of the activities of HIMURJA in the 8th plan. An outlay of Rs. 260 lakhs has been proposed for 8th plan period. For the annual plan 1991-92 an outlay of Rs. 55.00 lakhs has been proposed. The details of the various programmes and schemes included in this head are given under :

### Solar Energy

Solar Energy utilisation forms 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 8th Plan period. Various solar thermal devices like solar cookers, solar stills, solar water heating systems etc., are increasingly becoming popular and will be encouraged in the 8th 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 52000 LPD solar water heating systems have been installed. It was disclosed in the meeting that systems of 1,30,000 LPD capacity will be installed during 8th Plan.

-260 domestic systems of 100 Litres per day have been installed at subsidised rates by the end of 7th Plan. During 8th Plan period 2000 such systems will be sold to individual Households.

47 stand alone photovoltaic systems have been installed in different hamlets/villages for providing street lights. 60 domestic points and three community lights (eight points) have also been installed. 220 domestic PV systems will be installed during 8th Plan.

-3200 Solar cookers have been distributed on subsidy. 10 Community solar cookers have also been distributed to hostels/institutions. Fixed type solar cookers are also being propagated. During 8th Plan about 25,000 solar cookers will be sold.

-Seven solar photovoltaic pumps for irrigation purpose and one Solar TV have also been installed for community use.

-The concept of solar passive heating of household is being popularised in the tribal areas of the Pradesh where apart from traditional cooking needs, the heating needs are more critical. During 8th Plan more stress will be given to passive heating using the local material.

The proposed outlays for Solar Thermal and Solar Photovoltaic System is Rs. 45 lakhs and Rs. 5 lakhs respectively.

#### 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 100 KW aerogenerators are proposed to be installed. Besides, wind Energy is also proposed to be utilised for lifting of water. An amount of Rs. 30 lakhs been proposed for wind energy programme during 8th Plan period and Rs. 5 lakhs for 1991-92.

#### Energy Conservation

The State Govt. 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 8th Plan period.

It is proposed that during 8th Plan period all the rural Households are proposed to be equipped with improved chullahs. The concept of improved bukharies will also be popularised in all the offices to save the coal consumption.

#### SMOKELESS CHULLAH PROGRAMME:

This programme is being implemented in 10 distt. of the State since 1983-84. The main thrust of programme is on fuel saving promotive of better hygienic condition among women and reduction in pollution in rural areas.

During 8th Plan period it is proposed to spend Rs. 180.00 lakh and Rs. 40.00 lakhs during 1991-92 under this programme.

## VI. INDUSTRIES AND MINERALS:

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.

Eversince 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 and 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. With the attainment of State-hood in 1971, the industrial policy was given a new direction which aims at the speedy industrial development.

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% 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. At present, 16 industrial areas including one electronic complex at Solan and five industrial estates have been developed which provides basic infrastructural facilities to the entire entrepreneurs.

The State Government is also offering incentives like assistance for preparation of project reports, interest subsidy to engineering entrepreneurs to the extent of difference between the rate charged by bankers on working capital and subsidised rate of 7% to the maximum of Rs. 20,000/- annually, subsidized land in inner areas at 50% of the actual costs, concession of State sales tax, interest free loans against CST annually paid by the medium and large industries subject to a ceiling of 8% of capital cost for units with investment

upto Rs. 50 lakh and 5% of capital cost for investment upto Rs. two crore, 15% subsidy on costs of generating sets subject to a maximum of Rs. 75,000/-. The units which are located in Himachal Pradesh are entitled for benefits under the Income Tax Act. These benefits include deduction of 20 per cent of gross profits under Section 89 in H.H. and deduction of 50% of the investment in the shares entitled on stock exchange under Section 80 CC. Concessional finance is being provided by financial institutions like Himachal Pradesh Financial Corporation and Banks.

The promoters contribution has also been brought down upto 10 per cent. In marketing the local units are being given price preference in State Government purchase programme upto 2 per cent in case of small scale units and 5 per cent for large and medium scale units. The State Government has launched a massive campaign for the speedy industrialisation of the Pradesh and steps have been taken to augment it further. On 12th July, 1985 Guidance Bureau was set up to provide all the relevant information to the prospective entrepreneurs, namely policies of the Government availability of land, raw material and power, financial assistance to other relevant information needed for the setting up of Industrial units.

The incentives have resulted in tremendous growth of industries both traditional and modern.

The number of small scale industrial units registered with the industries department has crossed 19,000 mark with a total investment of about 250.00 crores approximately and provide employment opportunities to over 75,000 persons. Similarly, more than 34,000 artisans based units are functioning in which more <sup>than</sup> 62,000 persons are employed. In large and medium scale sectors also the State had made significant progress. At present, 127 large and medium scale projects are functioning in the State. Capital to the tune of Rs. 310 crore had been invested in these projects and employment has been generated for about 15,000 persons. The industries of the State are producing wide range of traditional modern and sophisticated items. Recently, Electronics have added new dimension to the industrial development of this Pradesh. For the promotion of electronics industries, the Himachal Pradesh State Electronics Development Corporation (HPSEDC) has been established. An electronic complex has been set up at Solan. Another industrial complex area at Shoghi, near Shimla has been earmarked for promotion of electronic industries.

While quite a large number of electronics items are being manufactured. Many new electronic products will be added with the setting up of more electronic based units for which adequate facilities and incentives are available.

During the Eighth Plan 1990-95, an outlay of Rs. 144.10 crore has been proposed for Village and Small Industries and Large and Medium Industries in the Pradesh. Against the approved outlay of Rs. 10.70 crore for Annual Plan 1990-91, the approved outlay of Rs. 27.79 crore has been proposed for Annual Plan 1991-92. The details are as under:-



Schemes/Programme	8th Plan 1990-95			Anticipa- ted Exptr. 1990-91	Proposed Outlay 1991-92		
	State Sector	Central Sector	Total		State	Central	Total
1.	2.	3.	4.	5.	6.	7.	8.
1. Village and Small Industries	5215.00	1337.50	6552.50	420.00	1002.00	252.45	1254.45
2. Large and Medium Industries	4652.00	3205.50	7857.50	650.00	755.00	769.55	1524.55
TOTAL:	9867.00	4543.00	14410.00	1070.00	1757.00	1022.00	2779.00

The schematic details are as under:-

(1) LARGE AND MEDIUM INDUSTRIES:

1. Industrial Area:

In order to provide infrastructural facilities to the entrepreneurs, the Industrial Areas have been established at Nagrota Bagwan, Sansarpur Terrace(Kangra),Bilaspur,Chamba, Shamshi, Mehatpur Tahliwala(Una),Shoghi(Shimla), Reckong Peo, Paonta Sahib, Barotiwala Baddi, Parwanoo, Electronic Complex Chamba Ghat(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, Kangra, Jawali and Dehra Gopipur have been established where in 55 sheds have been constructed. Industrial Areas/Estates at Keylong, Amb , Raja-ka-bag, Nagri(Kangra), Dakolar(Shimla), Raighat(Shimla), Pandranu(Solan), Rachhiana (Solan), Dhaliara(Kangra), Chirgaon(Shimla) are under development. During the Eighth Plan Year Plan, it is proposed to locate/establish Industrial Areas/Estates at Tehsil and Block levels. This would help disposal of industrial activities in the rural and far flung areas of the State. During the Eighth Plan, an outlay of Rs. 1100 lakh has been proposed for the development of Industrial Areas. Against the anticipated expenditure of Rs. 80 lakh during 1990-91, an outlay of Rs. 200 lakh has been proposed for the Annual Plan 1991-92. Similarly, Rs. 450 lakh

has been proposed for the development of industrial estates during the Eighth Plan period. As against an anticipated expenditure of Rs. 35 lakh during the Annual Plan 1990-91, an outlay of Rs. 90 lakh has been proposed for Annual Plan 1991-92.

The State Government realising the locational disadvantages and topographical constraint in providing an attractive package of incentives and facilities to the industrial unit in order to make them viable and competitive with these in the plain areas/other States. The details of present incentives which are being provided is given as under:-

(1) Subsidy on the cost of preparation of project report by the approved consultants;

(2) 15% State Investment Subsidy on fixed assets with maximum ceiling of Rs. 1.00 lakh in backward districts of the State;

(3) Interest subsidy to tiny units so as to bring the effective rate of interest 3% below the Government lending rate;

(4) 15% subsidy on the cost of generation sets subject to a ceiling of Rs. 75,000 where project cost exceed Rs. 1 crore;

(5) Interest Free Loan against Central Sales Tax (C.S.T.), is available to new Medium and 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 five per cent of the capital investment between Rs. 50 lakh to Rs. 2 crore for a period of three years from the date of going into production;

6. Additional incentives to Scheduled Caste Entrepreneurs:

(i) Additional capital investment subsidy 10 per cent over and above the 25 per cent central investment subsidy with a maximum ceiling of Rs. 10,000/-;

(ii) 90 per cent subsidy on preparation of feasibility reports;

(iii) 100 per cent subsidy for carriage and installation of Machinery;

(iv) Enhanced subsidy portion under the RIP Programme from 33 per cent to 50 per cent on the pattern of IRDP coverage for identified families in the blocks. This additional subsidy would be available to only such scheduled caste and scheduled tribes families who are identified by the blocks;

(v) 75 per cent subsidy for the purpose of Generating sets upto the maximum limit of Rs. 50,000/- in the Small Scale Sectors.

During the Eighth Plan period, it is proposed to extend the incentives mentioned at serial Number 6 to Scheduled Tribes, Ex-Servicemen, women, physically handicapped entrepreneurs and to those entrepreneurs who intend to set up their units in backward panchayats. For this purpose, Rs. 600 lakh has been proposed for the Eighth Plan. Against an anticipated expenditure of Rs. 25 lakh for 1990-91, a provision of Rs. 90 lakh has been proposed for Annual Plan 1991-92.

### 3) Art and Exhibition

Holding of exhibition 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 the production and on the other hand new idea 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 and on the eve of important festivals and fairs within the State. A permanent pavilion has been established at Pragati Maidan Exhibition ground at New Delhi. An outlay of Rs. 125 lakh has been proposed for Eighth Plan period. Against the anticipated expenditure of Rs. 10 lakh during 1990-91, an outlay of Rs. 25 lakh has been proposed for Annual Plan 1991-92.

### 4) Employment Scheme for Un-employed Educated Youths:

The Department of Industries is organising various type of programmes for the prospective entrepreneurs under Entrepreneurial Development Programme for General, Women, Scheduled Caste/Tribes, 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, 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.

Besides, the Development Commissioner, Small Scale Industries have accorded recognition to the role of Service Sector in the growth of Industries Sector and introduced the concept. Small Scale Services Establishments with an investment upto Rs. 2 lakhs in Plant and Machinery, treating it at par with the Small Scale Industries Sector. This sector cater very appropriately to the Educated unemployed youth and the rural self employment programme. The concept ideally suits generation of economic activity in the Hill and Backward Areas with minimum investments and the type of units established under this category generally do not suffer marketing problems as these cater to the local needs by and large.

With a view to take full advantage of this concept, it is proposed to undertake special promotional programmes including creation of infrastructure subsidy on equipments, training of beneficiaries and other liberal incentives. For this purpose, construction of khokas/stalls in Industrial Areas, tourist spots and other potential locations at Sub-Divisional level and other small towns shall be undertaken and subsidy on purchase of equipment shall be provided.

In order to implement these schemes, following provisions have been proposed:-

(Rs. in lakhs)

Scheme	Annual Plan 1990-91	Eighth Plan 1990-95	Annual Plan 1991-92
1.	2.	3.	4.
1. Educated unemployed	5.00	70.00	12.00
2. Promotion of self-employment in Service Sector	--	60.00	10.00
TOTAL:..	5.00	130.00	22.00

5) Store Purchase Organisation:

The store purchase organisation function with the objective to (i) provide marketing facilities to the local industrialists and (ii) facilitate the government departments to purchase items of specified quality at comparative prices. In order to ensure supply

of standard goods against the rate contracts, the inspection wing of the store purchase organisation like DGS&D purchase organisation will be strengthened. For the purpose, a provision of Rs. 30 lakhs has been proposed for the Eighth Plan. Against the anticipated expenditure of Rs. 2 lakhs, an outlay of Rs. 5 lakhs has been proposed for Annual Plan 1991-92.

6) Strengthening of Directorate:

Due to overall enhancement of the industrial activities in the Pradesh and keeping in view the implementation of new schemes, the work of the Directorate has been multiplied. The Directorate of Industries is required to be equipped with modernised equipments. For this purpose, a provision of Rs. 80 lakhs has been proposed for the Eighth Plan. Against the anticipated expenditure of Rs. 11.90 lakh during 1990-91, an outlay of Rs. 20 lakh has been proposed for Annual Plan 1991-92.

7) Land Acquisition Office:

In order to complete the formalities of acquisition of land for setting up of cement plants/ various industrial areas in Himachal Pradesh, the necessity of this office is of paramount importance. For this purpose, an amount of Rs. 20 lakh has been proposed for the Eighth Plan. Against an anticipated



expenditure of Rs. 5 lakhs during 1990-91, Rs. 4 lakhs has been proposed for Annual Plan 1991-92.

8) Matching Contribution of HPFC:

The Himachal Pradesh Financial Corporation has been set up with a view to provide financial assistance to the Industrial Units in terms of loan upto the limit of Rs. 60 lakhs. The major source of funds of the Corporation is to refinance from the IDBI but 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 was 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. For this purpose, a provision of Rs. 1200 lakh has been proposed for the Eighth Plan. Against the anticipated investment of Rs. 220 lakh during 1990-91, a provision of Rs. 220 lakh has been proposed for the Annual Plan 1991-92.

9) Investment in HPMIDC:

The Himachal Pradesh Mineral and Industrial Development Corporation is engaged in multifarious activities like term lending, providing seed capital assistance and soft loan to the industrial unit and

development of infrastructure facilities in the State besides running its own unit. The approved Seventh Plan outlay under this scheme is Rs. 400 lakh. The actual expenditure during the first four years of the Seventh Plan was Rs. 591.21 lakh. The approved outlay for the year 1988-89 is Rs. 210 lakh which is likely to be spent in full. An outlay of Rs. 200 lakhs has been proposed for the year 1990-91.

10) Investment in H.P. State Electronics 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 Electronics Development Corporation has been set up during 1984-85. The main functions of the Corporation are identifications of the new projects to provide built up sheds and to give general guidance to the entrepreneurs. Presently, Electronics Complex has been set up at Chambaghat in Solan District.

For the development of Electronics in the Pradesh, an outlay of Rs. 250 lakh has been proposed for the Eighth Plan. As against an anticipated expenditure of Rs. 15 lakhs for 1990-91, an outlay of Rs. 35 lakhs has been proposed for Annual Plan 1991-92.

11) Investment in H.P. General Industries Corporation:

The Himachal Pradesh General Industries Corporation (formerly known as Himalayan Fertilizers Limited) was a subsidiary of the H.P. State Industrial Development Corporation. The State Government has made it an independent undertaking in August, 1988. In pursuance of this change, the total share holding of the HPSIDC amounting to Rs. 15.30 lakh has been transferred in the name of the State Government nominee. To modernise its existing units and identified expansion, an outlay of Rs. 100 lakh has been proposed for the Eighth Plan period. Against an expenditure of Rs. 15 lakh during 1990-91, a provision of Rs. 25 lakh has been proposed for Annual Plan 1991-92.

12) Infrastructure Development Programme  
including Growth Centres:

(i) Infrastructure Development Programme:

The Government of India have declared Kangra, Chamba, Kullu, Reckong-Peo and Lahaul and Spiti Districts of the Pradesh 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 Industrial Development Bank of India. Under this scheme, an Industrial Area at Sansapur Terrace is being developed.

In order to implement this scheme during the Annual Plan 1990-91, a provision of Rs. 10 lakhs has been kept which will be utilised, in full. An outlay of Rs. 200 lakhs and Rs. 30 lakhs has been proposed for the Eighth Five Year Plan and Annual Plan 1991-92, respectively.

iii) 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 and would be endowed with infrastructural facilities 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 training under this scheme would be:-

1. Construction of access roads;
2. Provision for Water Supply;
3. Effluent disposal system;
4. Upgradation of existing schools/colleges, Industrial Training Institutes, Hospitals and Dispensaries, etc;
5. Upgradation of Housing stock;
6. Provision for telecommunication facilities;
7. Distribution of network for within the growth centre.

The broad financing pattern for development of infrastructure in this growth centre will be as under:-

1. Central Govt(equity)	Rs. 10.00 crore
2. State Government(equity)	Rs. 5.00 crore
3. All India financing Institutions(including Rs. 2 crore as equity)	Rs. 4.00 crore
4. Nationalised Banks	Rs. 1.00 crore
	Rs. 20.00 crore
Market borrowings	Rs. 10.00 crore
	<hr/>
Total:	Rs. 30.00 crore

In order to implement this scheme, a provision of Rs. 30 lakhs has been kept for annual plan 1990-91. An outlay of Rs. 600 lakhs and Rs. 60 lakhs has been proposed for the Eighth Five Year Plan period and Annual Plan 1991-92, respectively.

## 2)VILLAGE AND SMALL INDUSTRIES:

### District Industries Centres:

1. This scheme was sponsored by the Government of India during the year 1977. With a view to provide all type of assistance to the entrepreneurs under single roof, this scheme has been introduced in all the 12 districts of the Pradesh.

The physical targets and achievements under the scheme for the Eighth Plan and its annual plans are depicted below:-

Item/Unit	Eighth Plan 1990-95 Target	Anticipated Achievement 1990-91	Proposed target 1991-92
1.	2.	3.	4.
a)Unit assisted(Nos.)	6000	1500	1500
b)No. of artisans assisted(Nos.)	30000	6000	6000
c)Financial assistance rendered(In crore Rs.)	80.00	18.00	20.00

During the Eighth Plan 1990-95, an outlay of Rs. 1000 lakh has been proposed for District Industries Centres. Against the anticipated expenditure of Rs. 140 lakh for 1990-91, an outlay of Rs. 180.00 lakh has been proposed for 1991-92.

## 2. Industrial Estate:

Industrial estates have been set up at Solan, Dharampur, Kangra Jawali and Dehra Gopipur wherein 55 sheds have been constructed. Industrial areas/estates at Keylong, Amb, Raja-ka-bag, Nagri(Kangra), Dakolar(Shimla) Raighat(Shimla), Pandranu(Solan), Rachhiana(Solan), Dhaliara(Kangra), Chirgaon(Shimla) are in the advanced stage of development. The proposed Eighth Plan outlay is Rs. 450 lakh. Against the anticipated expenditure of Rs. 35 lakh during 1990-91, an outlay of Rs. 90 lakh has been proposed for 1991-92.

## 3. Margin money to sick units:

The Government of Himachal Pradesh has introduced the scheme margin money to sick units to rehabilitate the small scale sick industrial units on 50 per cent matching contribution. Under this scheme, margin money in the shape of loan will be sanctioned to sick small scale industrial units on the recommendation of the State level Coordination Committee, subject to a minimum of Rs. 1000 and maximum of Rs. 50,000 per unit. For this purpose, a sum of Rs. 20 lakh has been proposed for the Eighth Plan. As against an anticipated expenditure of Rs. 2 lakh, Rs. 3 lakh has been proposed for Annual Plan 1991-92.

#### 4. Sericulture Industries:

Sericulture is a village oriented agro-based cottage industry. It is one of the important household industries in Himachal Pradesh with agricultural base essentially a labour intensive set up. The sericulture industry is an effective tool to develop rural economy as it supplements the income of weaker section of the society. This industry provides, wholetime or part-time employment to more than 666 families. Silk industry has to be developed at a geographic location where no other large scale industrial activities exist. It is profitable enterprise and gains greater economic significance for the reasons that it has rural employment potential for all age groups especially depressed classes, i.e. widows, scheduled castes and backward classes. The main aim 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. With this objective, during the year 1988-89, new scheme social forestry for mulberry plantation and payment of bonus to silk worm rearers has been implemented. The proposed Eighth Plan outlay



under this scheme is Rs. 300 lakh. Against the anticipated expenditure of Rs. 40 lakh for 1990-91, a provision of Rs. 50 lakh has been proposed for Annual Plan 1991-92.

#### 5. Tea Industries:

Tea is one of the most important labour intensive agro-based industries 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 industry. At present, there are 1,385 tea estates covering an area of 3,212 hectares. The average production of tea per hectare is 264 Kg.

Special efforts are being made to establish blending plant and tea market in the State.

The capacity of departmental tea nursery at Palampur has been enhanced from one lakh to two lakh tea saplings annually. The following schemes are being implemented in the State tea growing areas:-

1. Raising of tea nursery;
2. 5% subsidy on fertilizers, material, pesticides, insecticides, etc;
3. Payment of interest subsidy @ 7.75% to the Tea Cooperatives;
4. Experimental Tea Research Section run by Agricultural University;
5. Tea Demonstration.

For this purpose, a provision of Rs. 150 lakh has been proposed for the Eighth Plan. As against the expenditure of Rs. 30 lakh for Annual Plan 1990-91, an outlay of Rs. 35 lakh has been proposed for 1991-92.

## 6. Hill Area Woollen Development Project:

The State Government has prepared a Handloom Development Project for the Pradesh in consultation with the Development Commissioner for Handloom, Government of India. The project cost is estimated more than Rs.459.30 and will be implemented in a phased manner. Under the proposed project, various programmes for the development of Handloom Industries will be 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 flyshuttle looms, follow-up action for rehabilitation of extra centres, establishment of 20 production-cum-service centres and improving the designs, quality of the products and also introducing new designs according to the modern taste. The manufacturing of readymade garments(woollen) would also be undertaken on a massive scale in the Design-cum-Fashion centre.

In addition to it provision of dye house and provision of work sheds to weavers as well as process house for powerlooms facilities will also be made available to the weaver.

A provision of Rs. 175 lakh has been proposed for Eighth Plan. As against an outlay of Rs. 30 lakh for 1990-91, an outlay of Rs. 45 lakh for 1991-92 has been proposed.

7. H.P. Khadi and Village Industries Board:

The H.P. Khadi and Village Industries Board is engaged mainly in the performance of two types of activities, i.e. (i) development and promotion of village industries (ii) development of khadi industries under the development of village industries. The Board is guided by the pattern laid down by the All India Khadi and Village Industries Commission. The funds provided by the Commission are distributed by the Board to the rural artisans on the prescribed pattern. In addition, the Board is also carrying on the schemes entrusted to it by the State Government for the financial upliftment of the scheduled castes, tribal people and backward classes and other employment generation programmes in the Pradesh.

For this purpose, a provision of Rs. 230 lakh has been proposed under this scheme for the Eighth Plan (Rs. 180 lakh as grant-in-aid and Rs. 50 lakh as rebate on Gandhi Jayanti). As against an expenditure of Rs. 45 lakh during 1990-91, an outlay of Rs. 45 lakh has been proposed for Annual Plan 1991-92.

### 8. H.P. Handicrafts and Handloom Corporation:

The Corporation came into existence in March, 1974 with an authorised capital of Rs. one crore. The share capital of the Corporation has been increased to Rs. two crore and at present paid up capital is Rs. 1.65 crore. The main objectives of the Corporation are to promote and develop Handicrafts and Handloom Industries of the Pradesh. In accordance with the main objects of the Corporation, more importance has been given to social objectives than commercial objectives, in order to promote and develop the Handicrafts and Handloom Industries in the State. The Handicraft & Handloom Sectors fall under tiny sector. The Corporation is catering/benefitting the weaker sections of the Society and more than 60 per cent beneficiaries under various schemes belonging to Scheduled Castes/Scheduled Tribes 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 materials;
5. Production in workshops;
6. Marketing;

The Eighth Plan proposed outlay for the various activities of the Corporation is Rs. 195 lakh. Against the anticipated expenditure of Rs. 21 lakh during 1990-91, an outlay of Rs. 35 lakh has been proposed for 1991-92.

(Rs. in lakh)

Scheme	Eighth Plan Proposed Outlay 1990-95	Anticipated Expenditure 1990-91	Proposed Outlay 1991-92
1.	2.	3.	4.
1. Investment in HPHHC	60.00	10.00	10.00
2. Grant-in-aid to Handicrafts and Handloom Corporation	60.00	15.00	10.00
3. Rebate on Handloom Products	50.00	4.00	10.00
4. Opening of Craft centres	25.00	2.00	5.00
5. <u>TOTAL</u>	<u>195.00</u>	<u>21.00</u>	<u>35.00</u>

**9. Externally Aided Projects:**

In order to continue this programme during the Eighth Plan period, a provision of Rs. 50 lakh has been proposed. Against the approved outlay of Rs. 0.50 lakh for the year 1990-91, an outlay of Rs. 5 lakh has been proposed for Annual Plan 1991-92. The main objective of this scheme is to establish externally aided project sponsored by International Organisation including UNDP, ESCAP and JICA.

**10. H.P. Small Scale Industry and 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 of its own. The Corporation will continue all its activities alongwith

the establishment of few new units and diversification/modernisation of the existing units. For this purpose, a provision of Rs. 160 lakh has been proposed for the Eighth Plan (Rs. 60 lakh as investment and Rs. 100 lakh as raw material). As against an anticipated expenditure of Rs. 9 lakh during 1990-91, an outlay of Rs. 32 lakh has been proposed for 1991-92.

### 3. MINING:

The exact assessment of mineral resources and their economic exploitation is an effective tool for a developing economy. The increasing requirements of these natural resources as a raw material to feed the existing industries as well as setting up of new ventures make it essential to expedite the mineral potential for long term planning.

The Geological Survey of India, whose primary responsibility is to undertake systematic geological mapping of the Country, has reported indications of the occurrence of several minerals in the Pradesh, only about 40,000 Sq. Kms. out of the total though it has covered an area of 55,673 Sq. Km. Some of the important minerals reported by the Geological Survey of India are limestone, highgrade limestone, quartzite, grass sand, gold pyrites, copper, rock salt, slate, natural oil and gas and mica, etc.

Geological wing is engaged in carrying out detailed exploitation and exploring of these minerals available in various parts of the Pradesh, so as to know the quality and quantity of each minerals. It is obligatory on the part of the Geological Wing to prove or disprove the existence and extent of mineral potential. The exploitation programmes for providing of minerals deposits consist of three phases:-

Phase-I- Reconnaissance of deposits;

Phase-II-Estimation of deposits;

Phase-III-Detailed proving of deposits

After the presence of minerals is informed by reconnaissance survey further exploitation and prospecting programme is planned which includes:-

1. Detailed mapping;
2. Interpretation of geological data on the detailed maps;
3. Systematic surface sampling of minerals below and over by pitting technique
4. Drilling to collect sub-surface samples;
5. Exploring mining.

In addition, geological wing has been carrying out various Engineering Geological studies for bridge foundation and multi-storey buildings. It is also proposed to set up Remote Sensing Aerial Photo Interpretation Cell.

The geological Wing has to take up following schemes/invest. gations during the Eighth Plan 1990-95 and its annual plan which are quite imperative, like:-

1. Preparation of mining plans so as to delineate and demarcate the areas under mining operation for safe and scientific working;
2. Environmental studies of mining and other areas so as to know the impact of mining and industries in the water and air pollution;
3. Setting up of a flying squad for checking illegal movement and mining of minerals in the Pradesh;
4. To undertake studies of slopes stabilisation in different areas of land studies;
5. To undertake studies of land use based on Geological Geomorphological, Geophydrological and structure faction in respect of soil formation for Agriculture, Horticulture, Forestry, Industry and Mining in Himachal Pradesh.

To implement the various schemes under this head, an amount of Rs. 400 lakh has been proposed for the Eighth Plan. Against the anticipated expenditure of Rs. 30 lakh for Annual Plan 1990-91, an outlay of Rs. 45 lakh has been proposed for 1991-92.



## VII. TRANSPORT:

### 1. Civil Aviation:

~~PRIOR~~ to the Seventh Plan, there was only one Airstrip in Himachal Pradesh at Bhunter in Kullu Valley. During the Seventh Plan, period, two Airports namely Shimla at Jubbar Hatti and Kangra at Gaggal were taken in hand. The Shimla Airport was made operational in May, 1987 and Kangra Airport was inaugurated on 20th December, 1989. With the construction of the Airports in Shimla and Kangra valley have been connected by air with the rest of the Country. Presently, the helipads are available at Dodra Kwar, Kaza, Keylong, Killar, Rohru, Bankuffar, Taboo chharabra and construction of work at Bharmour and Chamba are in progress. In future, there is a plan to link all the Districts headquarters with helipads.

During the Eighth Five Year Plan, a provision of 300 crores was made for the promotion of Civil Aviation in H.P. Against the anticipated expenditure of Rs. 25 lakh during 1990-91, an outlay of Rs. 40 lakh has been proposed for Annual Plan 1991-92. The schematic details are as under:-

(Rs. in lakh)

Name of Scheme	Proposed Eighth Plan Outlay	Anticipated Expendr. 1990-91	Annual Plan 1991-92
1.	2.	3.	4.
1. Construction of Aerosports Institute Building at Gaggal	20.00	9.00	5.00
2. Construction of Airstrip at Mandi, Banikhet and Hamirpur	60.00	-	8.00
3. Construction of Helipads at Chamba, Una, Nahan, Bilaspur, Chopal, etc.	30.00	-	5.00
4. Direction & Administration	25.00	2.50	3.50
5. Organisation of Hand Gliding Rally	15.00	-	2.00
6. Training and Education	20.00	4.00	5.00
7. Opening of Meterological observatories at the Airports/Airstrips	20.00	-	2.50
8. Other Expenditure	80.00	4.50	4.00
<b><u>TRIBAL AREAS:</u></b>			
1. Construction of air strip at Rangrik and helipads at Bharmour and Sangla	30.00	5.00	5.00
TOTAL:	300.00	25.00	40.00

## 2. ROADS AND BRIDGES: INTRODUCTION

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 hydel 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. In-accessibility 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 dev. from plains at the time of independence.

### 2. Road Development plans and Achievements during the period 1951-90.

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, 16883 Kms. motorable road have been constructed in Himachal Pradesh till March 1990 and over-all achievements including central roads are as under:-

Category	Motorable road length (in Kms)			Total length in Kms.
	Single lane	Double lane	Total	
1:-----	2:-----	3:-----	4:-----	5:-----

1. Motorable Road

a) State Road:

1) State Highway	2773	769	3542	
ii) Distt. & other roads.	11772	246	12018	
<b>Total</b>	<b>14545</b>	<b>1015</b>	<b>15560</b>	<b>15560</b>

b) Central roads:

1) National Highways.	12	710	722	
ii) Border road with DGBR.	332	269	601	
<b>Total</b>	<b>344</b>	<b>979</b>	<b>1323</b>	<b>1523</b>

Total length of motorable roads (Formation) 16883 Kms.

2. Road density achieved. 30.33 Kms./100 sq. Kms.

3. Length provided with cross-drainage/bridges out of total length of 16883 Kms. 7493 Kms. (44.38%)

4. Metalled & Tarsed length out of total length of 16883 Kms. 6392 Kms. (37.86%)

5. Permanent bridges of all types construction upto 3/90 752 Nos.

a) Major bridges above 60 M span out of 752 bridges 93 Nos.

6. Villages connected 7416 (44.12%)

Anticipated achievement of road length upto 3/91 shall be 17113 Kms. detail of which is given as under:-

Category	Motorable road length (in Kms)			Total length (in Kms.)
	Single lane	Double lane	Total	
1:-----	2:-----	3:-----	4:-----	5:-----

1. Motorable road (Formation)

a) State roads

1) State Highways	2823	769	3592	
ii) Other Distt. road	11952	246	12198	
<b>Total</b>	<b>14775</b>	<b>1015</b>	<b>15790</b>	<b>15790</b>

b) Central Roads

1) National Highways	12	710	722
ii) Border roads with DGBR.	332	269	601
Total	344	979	1323

Total length of motorable roads (a+b) 17113 Kms

2. Road density likely to be achieved upto 3/90. = 30.74 Km/100 sq. Kms.

3. Length likely to be provided with cross-drainages/bridges out of total length of 17113 Kms=7593 Kms (44.37%)

4. Length likely to be metalled and tarred out of total length of 17113 Kms. = 6512 Kms. (38.05%)

5. Bridges of all types likely to be constructed upto 3/91 = 782 Nos.

6. Villages likely to be connected. = 7441 Nos (44.27%)

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	Commulative at the end of plan period.
1.	2.	3.	4.
Upto 1948			288 Kms
1st Plan 1951-56	225.40	216	504
2nd Plan 1956-61	533.84	796	1300
3rd Plan 1961-61	1018.11	814	2114
3-Annual Plan 1966-69	1228.57	2439	6196
Merged area upto 1966	3500.00	1643	
4th Plan 1969-74	2800.00	2846	9042
5th Plan 1974-79	4700.00	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	15560
8th Plan 1990-95			
Annual Plan 1990-91	3825.00	230	15790

It would be seen that only 44.12 percent of villages have been connected with motorable roads, attaining road density of 30.33 Kms per 100 square kilometer of area against all-India average of more than 58 Kms per 100 Sq.Kms. area. It will also be seen that work on even 16883 Kms length of roads has not been completed in all respects for making these all weather roads as only 44.38 per cent length has been provided with cross drainage and bridges whereas only 37.86 percent length has been metalled and tarred.

### 3. Requirement of roads in Himachal Pradesh a-and perspective Plans :

3.1. 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 26,400 Kms. On construction of this road length all these villages will either be connected or as cluster covered within 1 km. 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.

3.2 District-wise requirement of motorable roads to connect all villages except isolated villages has been worked out and achievements by march, 1990(reconciled) are given as under :-

S.No	Name of Distt.	Area in Sq.Kms	Population as per 1981 census.	Road density required to connect all except <u>isolated villages</u> required length in kms	Density in kms per 100 sq. Km.	Position of motorable roads in 3/90	Length per 100 kms sq. kms
1.	2.	3.	4.	5.	6.	7.	8.
1.	Bilaspur	1167	247368	1197	102.57	931	79.78
2.	Chamba	6528	311147	3529	54.17	960	14.71
3.	Hamirpur	1118	317751	905	80.94	918	82.11
4.	Kangra	5739	990758	4202	73.21	3201	55.78
5.	Kinnaur	6401	59547	647	9.87	432	6.75
6.	Kullu	5503	238734	1355	24.62	747	13.57
7.	L & Spiti	13835	32100	1036	7.56	699	5.05
8.	Mandi	3950	644827	4374	110.88	2343	59.32
9.	Shimla	5131	510932	3752	73.12	2429	47.34
10.	Sirmaur	2825	306952	2120	75.01	1559	55.19
11.	Solan	1936	303280	2104	108.67	1521	78.56
12.	Una	1540	317322	1151	74.74	1143	74.22
Total		55673	4280818	26372	47.35	16883	30.33

#### 4. Spill over works from 7th Five Year Plan:

Apart from National Highways and Border Roads work on 2500 State Highways and Rural Roads were taken in hand initiated till the end of 7th Five Year Plan having total length of about 25100 kms. Out of this length 15560 kms. length (excluding Central Roads) has been made motorable by the end of 7th plan leaving spill over of 9440 kms. length for which approximate amount required to complete the balance length will be Rs. 1722 crore details of which are given as under :-

Sl No	Particulars/ Sub Head.	Position of works initiated upto 3/90 in kms.			Spill over to 8th plan kms. Cost of spill over works (in lacs.)	
		Total length upto 3/90	Achievement upto 3/90	5:	Rate per km.	Amount
1:	2:	3:	4:	5:	6:	7:
1.	Single lane motorable formation.	25100	15560	9540	6.10	58194
2.	Cross drainage	25100	6265	18835	1.36	25616
3.	i) Metalling & Tarring (existing length).	15560	5173	10387	3.40	35316
	ii) M/T of new roads (SH, MDR/ODR).	1685	-	1685	3.40	5729
4.	Sub base (Soling) (25% of new rural roads).	1885	-	1885	0.95	1791
5.	Bridges full length for SH, MDR/ODR & 50% for rural roads.	9692	6265	3427 @ 3.2 M/Km 10966 mtrs.	0.50/M	5483
6.	Aerial cableways mule roads for connecting of isolated villages @ 3 kms. per village. (4460x3=13380 Kms)	13380	12	13368	3.00	40104
					<u>Total 172233</u>	

say: 1722 crore.

5. During 8th Five Year Plan, it is proposed to construct 1725 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 8th Five Year Plan will be 3792 kms. out of which 3542 kms. length (excluding central roads) has been constructed by the end of 7th Five Year Plan, During the 8th Five Year Plan period length of 250 kms. is proposed to be constructed and 250 kms are proposed to be metalled and tarred.



(b) Rural Roads under 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 7th Five Year Plan. In Himachal Pradesh 175 out of 196 (89.29%) villages having 1500 and above population and 214 out of 263 (81.37%) villages of 1000-1500 population were connected by March, 1990 whereas target of connecting 50% villages of 1000-1500 population group has been achieved. Out of balance 21 villages only 10 villages of 1500 and above population will be connected during the 8th Five Year Plan.

Being hilly region, villages in Himachal Pradesh are small and scattered and composition of its villages is as under :-

Category of villages	Village in H.P		All India percentage
	No.	percentage	
1:-----	2:-----	3:-----	4:-----
a) Above 1500 population	196	1.17%	12%
b) 1000-1500 population	263	1.56%	9.5%
c) 500 to 1000 population	1244	7.40%	78.5%
d) 200 to 500 population	4560	27.13%	
e) Less than 200 population	10544	62.74%	
	16807	100%	100%

Whereas at National Level, under Minimum Needs programme 16.7% villages falling in Ist 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 and M.N.P 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 which will provide coverage to 23.7% village. Norms for inclusion of villages of 200 and above population under M.N.P in hilly areas, were also approved by Ministry of Rural Development. Government of India in connection with projects under Rural Landless Employment Gurantee Programme.   
 /like H.P where 98% villages do not fall under these

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 40% Rural Roads having a length of 7300 kms. for connection 957 predominantly scheduled caste villages has been initiated out of which 4804 kms motorable roads connecting 540 such villages have been motorable by March 1990.

During the year 1990-91 a length of 40 kms. has been proposed to be added and during 1991-92 a target of constructing 45 kms. has been kept.

(c) Rural Roads:

Total motorable road length to connect 12347 villages excluding isolated villages has been worked out which comes to about 26400 kms. out of this about 25100 kms. length is exclusively rural roads (except state highways & central roads). Upto 3/90 12018 kms. length of rural roads has been constructed.

During the 8th Five Year Plan, 1475 kms. length of rural roads is proposed to be constructed in whole of the state including tribal and predominately scheduled caste areas.

During the year 1990-91 a target of 180 kms. length of rural roads will be achieved and during 1991-92 a target of 210 kms length has been proposed.

8th Five Year Plan (1990-95):

6.1 State Planning Department has earmarked an outlay of 275 crore including 2.50 crore for cableways for the 8th Five Year Plan. Sub-Head wise break-up of the proposed outlay, as per guidelines given by the Planning Department, is given as under :-

SL No	Sub-Head.	(Rs. in lacs)					M.N.P
		Special component plan.	Back-ward area sub-plan	Other than tribal area.	Tribal area sub-plan	Total	
1.	2.	3.	4.	5.	6.	7.	8.
<u>DIVISIBLE</u>							
1.	Rural roads under MNP	635	1510	1675	1050	4870	!
2.	Rural roads in special disparity areas	520	375	205	-	1100	!

1.	2.	3.	4.	5.	6.	7.	8.
3. Compensation of land under MNP.		740	555	425	230	1950	7920
4. Distt. and other rural roads.				1800	-	1800	
5. Compensation of land				180	-	180	
		<u>Total</u>	<u>1895</u>	<u>2440</u>	<u>4285</u>	<u>1280</u>	<u>9900</u>

INDIVISIBLE

1. State Highways	-	-	1300	250	1550		
2. State priority works	-	-	400	-	400		
3. Major bridges costing more than 25 lacs	-	-	1805	245	2050		
4. Bridges costing 5 lacs to 25 lacs.	-	-	2160	300	2460		
5. Improvement of geometrics.	-	-	10		10		
6. Strengthening of crust-	-	-	10	-	10		
7. Inservice training	-	-	50	-	50		
8. Research and development-	-	-	50	-	50		
9. Investigation of roads and bridges.	-	-	90	10	100		
10. Road side plantation.	-	-	50	10	60		
11. Road side facilities	-	-	50	10	60		
12. Minor Works.	-	-	200	10	210		
13. Repairs to roads and removal of snow.	275	250	1750	225	2500		
14. C/o mule/pedestrian crossings.	-	-	50	10	60		
15. Roads taken from Zile Parishads.	-	-	10	-	10		
16. <u>Machinery</u>							
(a) Repayment of HIMFED loan	-	-	820	80	900		
(b) Tools and plants	-	-					
17. Establishment	-	-	5020	600	5620		
18. For environmental measures.	70	60	420	50	600		
19. PWD workshop/Foundry Nahan	-	-	650	-	650		
		<u>Total</u>	<u>345</u>	<u>310</u>	<u>14895</u>	<u>1800</u>	<u>17350</u>
Grand Total	2240	2750	19180	3080	27250		
Cableways/Ropeways-	-	-	200	50	250		
Grand total including cableways.	2240	2750	19380	3130	27500		
	+ 960						

Note : - Notional prorata adjustment has been made for SCP  
outlay ie total outlay for S.C.P= 2240+960=Rs3200 lacs

6.2 With the proposed outlay of 275 crore including 2.5 crores for cableways during Eighth Five Year Plan (1990-95) following targets are likely to be achieved.

S.L No	Item/Sub-Head of work	Unit	Target		Total
			Non-Tribal	Tribal	
1.	2.	3.	4.	5.	6.
<b>A. ROADS AND BRIDGES:</b>					
i)	Motorable road	Kms	1590	135	1725
ii)	Jeepable	Kms	120	50	170
iii)	Cross-drainage.	Kms	705	45	750
iv)	Metalling & Tarring	Kms	855	45	900
v)	Bridges	Nos	142	8	150
<b>B. CABLEWAYS</b>					
		Kms	55	25	80

By construction of 1725 kms. motorable road length during 8th Five Year Plan, road density of 33.42 kms. per 100 sq. km area will be achieved and 190 villages will be connected as per detail given below :-

Sl No.	Category.	Total No. of villages	Target for 8th plan (1990-95)
1.	2.	3.	4.
1.	1500 & above population.	196	10
2.	1000 to 1500 population	263	20
3.	500 to 1000 population	1244	30
4.	200 to 500 population	4560	70
5.	Less than 200 population.	10544	60
		16807	190

Note:- Some more village will be connected by cavleways.  
Information for villages having population 1500 and above

1) To be connected during 8th Five Year Plan.

1. Malyawar (Bilaspur)
2. Aweri (Kangra)
3. Chaiwara Khas (Kangra)
4. Rote (Kullu)

5. Buruwah (Kullu)
6. Bachher (Kullu)
7. Seraj (Kullu)
8. Lahnu (Kullu)
9. Ghattoo (Kullu)
10. Manpur-Diaura (Sirmaur)

The information on the villages yet to be connecting having different ranges of population indicated in the above table at S.No 2 to 5 is under compilation.

Annual Plan 1990-91:

The approval outlay for 1990-91 is Rs. 38.25 Crore which includes Rs. 25 lakh for cableways. With this investment the following targets are likely to be achieved by March, 1991.

Sl. No	Item of Work	Unit	Target		Total
			Non Tribal	Tribal	
A- STATE ROADS:					
1.	Single land	Kms	210	20	230
2.	Cross-drainage	"	94	6	100
3.	Jeepable	"	19	6	25
4.	Metalling & Tarring	"	114	6	120
5.	Bridges	Nos	28	2	30
6.	Villages to be connected	"	23	2	25
B. Cableways		Kms	5	3	8

With the above achievements road density of 30.74 Kms. per 100 sq. Kms. area will be achieved.

7. DRAFT ANNUAL PLAN 1991-92

7.1 During 1991-92 an outlay of Rs. 50.50 crore which includes Rs. 0.50 crore for cableways has been proposed.

7.2 With the proposed outlay of Rs. 5050 lacs for roads and bridges and cableways, the following targets are likely to be achieved :-

Sl No	Item/Sub-Head of work	Unit	Target		Total
			Non Tribal	Tribal	
1.	2.	3.	4.	5.	6.

A-ROADS AND BRIDGES:

i) Motorable road	Kms	232	18	250
ii) Jeepable	"	24	6	30
iii) Cross-drainage	"	170	5	175
iv) Metalling & T-arring	"	195	5	200
v) Bridges	Nos	29	1	30

VILLAGES TO BE CONNECTED

a) 1500 and above population	Nos	1	-	1
b) 1000 to 1499 population	"	2	-	2
c) 500 to 1000 population	"	3	1	4
d) 200 to 500 population	"	11	1	12
e) Below 200 population	"	11	-	11

Total		28	2	30
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B-Cableways.	Kms	10	5	15
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With above achievements road density of 31.19 Km. per 100 sq. kms will be achieved.

### 3. ROAD TRANSPORT:

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 Fathankot to Jogindemagar. 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.P.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 playing of more public carrier vehicles for providing adequate transport facilities in the State. At present the regular activities include enforcement of Motor Vehicle Laws/Rules in the State and collection of taxes and the Motor Vehicle Act/Rules <sup>an H.P. Motor Vehicles Taxation Act/Rules</sup> 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.

During the Eighth Plan period, an outlay of Rs. 7431 lakh has been proposed for Road Transport. Against the anticipated expenditure of Rs. 755 lakh during 1990-91, an outlay of Rs. 938.75 lakh has been proposed for Annual Plan 1991-92.

The details of the programme thrust under this sector during the Eighth Plan and Annual Plan 1991-92 is given in the following table :-

(Rs. in lakh)			
Name of scheme	Eighth Plan proposed outlay	Anticipated expenditure 1990-91	Proposed outlays 1991-92
1.	2.	3.	4.
1. Construction of office buildings	20.00	5.00	5.00
2. Construction of Bus Stand/Rain shelters	350.00	55.00	70.00
3. Investment in HRTC	6950.00	680.00	840.00
4. Opening of RTA Office at Mandi	38.00	5.38	7.00
5. Establishment of Barriers/Check Post.	10.00	-	3.00
6. Setting up of Flying squad and Mobile Courts.	25.00	4.00	6.00
7. Providing services of Advisor Transport	3.00	0.50	0.50
8. Imparting education in Road Safety/pollution measures	12.00	0.50	1.00
9. Computerisation.	1.00	1.00	0.25
10. Strengthening of Headquarters.	22.00	3.62	6.00
<b>Total</b>	<b>7431.00</b>	<b>755.00</b>	<b>938.75</b>

#### 4. INLAND WATER TRANSPORT SERVICES :

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 cost 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 Eighth Plan 1990-95, an outlay of Rs. 25 lakh has been approved under this head. An outlay of Rs. 5.00 lakh has been proposed for 1991-92 as against Rs. 2.00 lakh for 1990-91. The schematic details are as under:-

(Rs. in lakh)			
Items	Seventh Plan Outlays	Antici- pated expendi- ture 1990-91	Proposed outlay 1991-92
i) Providing of checking and inspection staff-Ferry Inspectors.	12.00	1.50	2.00
ii) Construction/improvement of modern ghats at appropriate places	10.00	0.50	2.00
iii) Survey and investigation	3.00	-	1.00
<b>Total</b>	<b>25.00</b>	<b>2.00</b>	<b>5.00</b>

5. INTER MODEL TRANSPORT STUDY:

Due to heavy pressure of traffic on roads in the Urban areas, it is now time to find out alternative mode of transportation. With this point in view, a preliminary survey for finding out feasibility of installation of escalators at different points in Shimla town is in hand to ensure convenient mode of transport for passenger and goods.

Under this programme, an outlay of Rs. 300 lakh has been proposed for Eighth Plan. Against the anticipated expenditure of Rs. 5.00 lakh during 1990-91, an outlay of Rs. 35 lakh has been proposed for 1991-92.

6. TELE-COMMUNICATION

During the Eighth Plan, a provision of Rs. 350 lakh has been proposed under this head. Against the anticipated expenditure of Rs. 50 lakh during 1990-91, an outlay of Rs. 60 lakh has been proposed for Annual Plan 1991-92.

## VIII SCIENCE, TECHNOLOGY AND ENVIRONMENT

### 1. Scientific Research including Science and 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 7th 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 a 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.

The Himachal Pradesh Govt. 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 upgrading local village based skills
- (b) Popularition of Science & Technology through educational programmes and demonstrations and
- (c) Involvement of high technology research establishments of the Central Govt. for surveying and identifying and evaluating rich geo-climatic resources of the State.

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 space 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 forces to consider and suggest meaqsures 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 vegetabler growers.

Conducting a study of the health problems of the tribal areas of the State for suggesting measures of health promotion.

The Council has been also entrusted with the responsibility of establishing a Remote Sensing Application Centre in H.P. A Small Cell has already been set up for this purpose . The Department of Space, Govt. of India is assisting us in this task.

At the request of the Council, Scientists of the Department of Atomic Energy, Govt. of India have prepared and submitted a proposal indicating high technology schemes that could be taken up by the State Govt. with the assistance from the Department of Atomic

Energy. The State Govt. 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 Govt. 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, Govt. 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 H.P. State.
- 4 Celebration of National Science Day
- 5 Regional workshop on IRS-I.A Mission and its application potential.
6. NCSTC-AIR joint workshop
- 7 Celebration of World Environment Day
- 8 Workshop on NCSRC net work proposal
9. One day State Level Orientation workshop on ground water exploration and low cost technology for drinking water.

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 of 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 LPDE film to prevent seepage losses.

1 3 H A n o t h e r activity undertaken by us 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 hectares 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. 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, Govt. of India, Central building Research Institute and UNICEF 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 8th five year plan 1990-95

Taking into consideration the directives contained in the approach paper to the 8th five year plan, the Council has prepared the plan for carrying out activities aimed at poverty alleviation, water management and land use in addition to technology dissemination, and scientific awareness.

These programmes are exclusively aimed at the benefit of rural poor. The detailed projects schemes proposed to be undertaken by the Council during this plan period (1990-95) are as under :-

1. REMOTE SENSING .

Proposed out lay 1990-95 Rs.110.61 lakh  
1991-92 Rs. 17.01 lakh

The H.P. Remote Sensing Cell has started functioning since March, 1989. This cell is organising its facilities to accompoish the following objectives in the field of land use :.

- a) To create centralised facility and infrastructure for the luse of all optential 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 8th Five Year Plan, this cell proposes to undertake the following activities :-

1. Land use /Landcover mapping
2. Preparation of Hudrogeomorphological maps.
3. Preparation of Geological maps indicaing prospective mineral locations
4. Temporal assessment of snow-cover and snow-melt
5. Integrated district level planning using Geogrphical Information System (GIS) approach.
6. ~~Extensive training, education and awareness~~ campaign.
7. Researc and Development Activities.
8. Consultancy services

i) LAND USE /LAND COVER MAPPING

One of the basic input required for an effertive agricultural plan is the availability of authentic lanuse maps. In order to prepare agriculturcal plan for the Country as a whole, Planning Commission has decided

that landuse maps at 1:250:000 scale should be prepared using satellite data. The H.P. 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 lanuse 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 1990. 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 enc----- 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 8th Five Year Plan, the Remote Sensing Cell proposes to prepare detailed Hydrogeomorphological 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 betaken 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 geological applications. The State of H.P. 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 proposed 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 multi thematic 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 districts 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, trainings, seminars and symposium will be organised.

vii) RESEARCH AND DEVELOPMENT ACTIVITIES.

Space Technology is rapidly advancing and new areas are being explored. For instance at present Remote Sensing Technology is exploiting mainly visible & thermal parts of the electromagnetic spectrum. Satellite in the 90's will carry new Microwave Sensors. To utilise the information from new & improved sensors R&D activities will be initiated in all the application areas. H.P. Remote Sensing will take up experimental project in collaboration with National Research Institutes.

viii) MANPOWER AND OFFICE EXPENSIS

For making a Remote Sensing Centre fully operational during the 8th Five Year Plan the following staff as mentioned in ANNEXURE B is required to be provided .

POVERTY ALLEVIATION PROGRAMMES

a) LOW COST HOUSING STRUCTURES

Proposed outlay 1990-95 Rs. 7,00 lakh  
1991-92 Rs. 1.00 lakh

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. 1.00 lacs. The total number of Seven to Eight buildings are proposed to be constructed in some of the remaining Districts during this plan period.

b) LOW COST CONSTRUCTION TECHNOLOGY

Proposed outlay 1990-95 Rs.2.00 lakh  
1991-92 Rs.0.40 lakh

The Council is giving considerable importance to the low cost construction techniques which are suited to the local and varied environment to the State. In the 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 Sirmaur Distt. with a non-erodable mud plaster and fire retardant thatched roof technique. This construction has found favour by 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 thechology.

c). G HARATS

Proposed outlay 1990-95 Rs.1.00 lacs  
1991-92 Rs.0.25 lacs

In Himachal Pradesh grinding water mills are popular. The conventional grinding water mills have wooden turbine and the water is fed through the natural occuring nallahs or small diversion made by using the local material . To improve the efficiency of these conventional gharats the Council embarked upon a scheme of replacing these with mettalic turbine and channelising water storage tanks. This has ensured the running of gharats throughout the year and has also increased the working potential. Looking to the success of the pilot project the Council has planned to install such gharats in different districts wherever water channels are available. The council intends installing 50 - G HARATS in different parts of the State .

d).PROGRAMME FOR INTRODUCTION OF TRUE POTATO SEEDS (TPS( TECHNOLOGY.

Proposed outlay 1990-95 Rs. 2.00 lacs  
1991-92 0.25 lacs

The Council organised a Workshop on Science Based Development of Himachal Pradesh in the field of Biotec hnology 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 Agri- culture 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.

e) . IMPROVEMENT OF SERI-CULTURE

Proposed out lay 1990-95 Rs. 2.00 lacs  
1991-92 Rs. -----

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 for employment to the rural people.

f) . FRUIT PROCESSING

Proposed outlay 1990-95 Rs. 1.00 lacs  
1991-92 Rs. ----

The 8th plan approach paper aims 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.

**g). IMPROVED TECHNOLOGY FOR LEATHER AND LEATHER GOODS AND USE OF ANIMAL WASTE**

Proposed outlay 1990 -95 Rs. 0.50 lacs  
1991- 92 Rs. -----

This project aims at upliftment and well being of Scheduled Caste and Scheduled Tribes population and women through the use of improved technology for production of leather and leather goods. The technology for curing and preservation, training in leather products and Bio-products has been developed by CSIR. A unit, under transfer of technology, is already working in Mandi,. Through this unit and Central leather research Institution Madras, the Council intends propagating the technology to the other areas.

**h). DEVELOPMENT OF FISHERIES**

Proposed outlay 1990-95 Rs. 1.00 lacs  
1991-92 Rs -----

The State is bestowed with immense watersources. 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.

**i). GEO-THERMAL ENERGY**

Proposed outlay 1990-95 Rs. 2.00 lacs  
1991-92 Rs-----

The Pradesh has rich potential of geothermal resources as proved by G.S.I /State geological wing along Beas river, Manikaran valley, Tattapani and Sumdo area of Kinnaur Distt. The resource can be used in generating power, setting up of cold storage ,space heating etc.

Pilot project on use of geothermal energy, is proposed to be taken up in interior areas of the Pradesh.

j). CULTIVATION OF MEDICINAL PLANTS

Proposed outlay 1990-95 Rs.7.00 lacs  
1991-92 Rs.1.20 lacs

The Council proposes to raise pilot projects for large scale cultivation of Medicinal and aromatic herbs in the following Distts.

1. Chamba	1990-93
2. Shimla	1990-93
3. Mandi	1991-94
4. Kangra	1991-94
5. Kinnaur	1992-95

The project will be of three years duration. The area for plantation will be one hectare in each Distt.

List of the herbs proposed to be cultivated

<u>1.</u>	<u>Dioscorea</u>	<u>deltoidea</u>
<u>2.</u>	<u>Solanum</u>	<u>laciniatum</u>
<u>3.</u>	<u>Digitalis</u>	<u>lanata</u>
<u>4.</u>	<u>Picrorhiza</u>	<u>karrooa</u>
<u>5.</u>	<u>Angelica</u>	<u>glauca</u>
<u>6.</u>	<u>Swertia</u>	<u>chirata</u>
<u>7.</u>	<u>Valeriana</u>	<u>sp.</u>
<u>8.</u>	<u>Aconitum</u>	<u>heterophyllum</u>
<u>9.</u>	<u>Aconitum</u>	<u>chasmanthum</u>
<u>10</u>	<u>Artemisia</u>	<u>sp.</u>
<u>11.</u>	<u>Ephedra</u>	<u>gerardiana</u>
<u>12.</u>	<u>Podophyllum</u>	<u>hexandrum</u>
<u>13.</u>	<u>Carum</u>	<u>carvi</u>
<u>14.</u>	<u>Atropa</u>	<u>acuminata</u>
<u>15.</u>	<u>Atropa</u>	<u>belladonna</u>
<u>16.</u>	<u>Hyocymus</u>	<u>niger</u>
<u>17.</u>	<u>Jurinea</u>	<u>macrocephala</u>

<u>18</u>	<u>Acorus</u>	<u>calamus</u>
<u>19</u>	<u>Rauwolfia</u>	<u>serpentina</u>
<u>20</u>	<u>Matricaria</u>	<u>chamomilla</u>
21.	<u>Rheum</u>	<u>emudii</u>

Proposed Expenditure during 8th Five Year Plan for one pilot Project.

First year	Second year	Third year
70,000	35,000	35,000

Total cost will be 1,40,000/- Rs per pilot project

Total cost for Five Pilot Projects 7,00,000

### 3. DISSEMINATION OF TECHNOLOGY - & POPULARISATION OF SCIENCE

a) Extension Cell at Polytechnic , Sundernagar :

Proposed outlay 1990-95 Rs.10.00 lacs  
1991-92 Rs. 1.59 lacs

The Council has set up a Extension Cell at Polytechnic Sundernagar for undertaking Research and Developmental 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 manual of the after use technology in the rural sector. Training in the field of using, repair & 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 in the rural area. The Cell is assisted by the following supporting staff with a tech. Officer :-

1. Jr. Engineer	1	Manpower for the Council
2. Stenotypist	1	& allied offices as per
3. Peon	1	Annexure - B

At the moment the cell is located at polytechnic Sundernagar.

b). MODEL VILLAGES

Proposed outlay 1990-95 Rs. 10.00 lacs  
1991-92 Rs. 1.00 lacs

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 for generation of appropriate technologies for village industries. It will include :

1. Installation of low cost sanitation
2. Soakage pits for waste water disposal
3. Energy/fodder plantation.
4. Smokeless chullahs
5. Community/family size biogas plants.
6. Construction of low cost village ponds lined with LDPE films
7. Promotion and sale of solar cooker
8. Over-all improvement of common land
9. Pasture improvement
- 10 Plantation of vegetables and flowers
- 11 Eco-development camps to create awareness amongst\* the rural population.
12. Bee-keeping, Fish development weaving by improved handlooms in order to raise the financial status of the rural poor keeping in view their needs and aspirations. The approximate expenditure will be about Rs. 10.00 lacs for two model villages.

c). ESTABLISHING OF PLANETARIUM IN PLACES OF TOURISTS ATTRACTION

Proposed out lay 1990-95 Rs. 2.00 lacs  
1991-92 Rs. 1.00 lacs

In order to develop Scientific temper among masses and popularise Scientific activity in State and attract Tourists in Shimla/Manali/Kullu, it is proposed that one

planetarium at each place may be established. In the beginning however efforts can be made to procure mobile planetarium from NCSM. For training man power another 50,000/- may be required. The total cost of the project is envisaged Rs.3.00 lacs.

d) SCHEME FOR SCIENCE TALENT PROMOTION

Proposed outlay 1990-95 Rs. 75,000  
1991-92 Rs. 15.000

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 admission to residential schools scholarship. The Council under this scheme proposes to give scholarship to such students @ Rs.50/-.

e) ORGANISATION OF SCIENCE MELAS :

Proposed outlay 1990-95 Rs. 40.00 lacs  
1991-92 Rs. 9.00 lacs

The Council in the year 1987-88 and 1988-89 organised Vigyan Mela. During 1989-90 these melas were organised from the C.D Block level & 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 grass-root level i.e. complex schools then take it to C.D. 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

Proposed outlay 1990-95 Rs 4.00 lacs  
1991-92 Rs 40,000 lacs

In order to provide alternate low cost building material for rural use, the Council proposes to popularise the use of mud blocks. The machine for manufacturing these blocks has been developed by ASTRA Bangalore



and CBRI Roorki. 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 block as compared to fired bricks is very low though strenght 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. The total cost of the project for the plan will be 3,45,000 5,000/ training = 4,00,000.

g) TEACHERS ORIENTATION PROGRAMME

Proposed outlay 1990-95 Rs. 2.00 lacs  
1991-92 Rs.-----

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/retraining 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 holdidng many workshops for this purposes. In each, workshop about 30 teachers are proposed to be trained. Total cost of the workshops year will workout to be Rs. 2,00,000.

h.) PROGRAMME FOR RURAL YOUTH :

Proposed outlay 1990-95 Rs. 2.64 lacs  
1991-92 Rs-----

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 intergrated holistic development of the less developed region. The efforts will basically be directed towards generating awareness about the role of S&T plays in the life of the common man. This programme will be executed in collaboration with the Directorate of Youth Services.

i) ASSISTANCE TO YOUNG TECHNOLOGISTS

Proposed outlay 1990-95 Rs 2.00 lacs  
1991-92 Rs 25.000 lacs

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 prowess in innovative technology for ameliorating the lot of rural poor, proposes to hold exhibitions-cum-seminars of the technical institute working in Himachal and the neighbouring States. Expected expenditure will work out to be Rs. 2,00,000 .

j) SEMINAR, TRAINING AND CREATION  
OF SCIENTIFIC AWARENESS

Proposed outlay 1990-95 Rs. 10.00 lacs  
1991-92 Rs 1.00 lacs

In order to create awareness among policy makers, administrators and scientists for adopting new scientific and technology 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 organised :-

- i) Workshops and Hands 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 Scientists for participation in International/National Conferences, Seminars and Sumposia 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. Expenditure will be Rs. 10,00.000.

k) ESTABLISHMENT OF SUB REGIONAL SCIENCE CENTRE

Proposed out lay 1990-95 Rs - 40.00 lacs  
1991-92 Rs. 6.00 lacs

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 prong channel of communication-exhibits and 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.

PURPOSES :

To develop scientific attitude and thinking by encouraging curiosity and questioning processes;

To encourage critical analysis of social cultural, technological and natural environment and to inculcate an ability to identify the problems and work towards an appropriate solution with scientific attitude

To collect and disseminate information relating to mutual interaction of science technology and society.

To promote and support innovative and experimental activities in pursuit of the purposes of the museum/centre.

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 8th Plan provided :-

- a) The State Govt. would be willing to share 50% of the total plan expenditure of Rs. 80 lacs i.e. Rs 40 lacs.
- b) The State Govt. shall transfer to the NCSM a plot of land measuring about 5 acres.

Recurring expenses for operation of the Science Centre after establishment will be borne by te NCSM.

For the management of the Centre a Local Advisory Committee will be set up.

## TASK FORCES /WORKING GROUPS

Proposed outlay 1990-95 Rs. 10.00 lacs  
1991-92 Rs.1.00 lacs

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 Group-Fruit Technology Group
6. Technical Task Group-Research Group
7. Technical Task Group-Use of Bio-Technology
8. Technical Task group -Cold Storage.
9. Technical Task Group - Substitution of wood packing cases
10. Task force on vegetables.

The Deptt. of Atomic Energy has proposed the establishment of an Advanced cell on Science & Technology.

### 4(a) WATER MANAGEMENT

#### INDIA MARK-2 HAND PUMP PROGRAMME

Proposed outlay 1990-95 Rs 16.00 lacs  
1991-92 Rs 3.00 lacs

This project was started in collaboration with the Unicef. Last year two pumps were successfully installed at Haritalyangar in District Bilaspur by the Council. Now the Council has decided to extend this scheme in the Changer area of Kangra District with the Assistance of Unicef. The Unicef has agreed to provide free boring at 30 Lacs will be borne by them. For this project, the Council have to bear the cost of casing /Riser Pipe and transportation of pumps to the places of installation. The total cost works out at Rs.6 lakhs. After succes-

successful completion of this programme, other parts of the State where sites for installing hand pumps has been identified by the remote sensing will be taken up. Once, this scheme is gone successfully, the Council wants to extend the installation of hand pumps in other areas for which Rs. 10.00 is required.

**b) RAIN WATER HARVESTING STRUCTURES**

Proposed outlay 1990-95 Rs. 1 lakh  
1991-92 Rs. 2 lakhs

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.

In addition to this, the Council will implement the recommendations of National Technology Mission. The total outlay envisaged in this sector is 11 lakhs.

**c) HJDP PIPE LINES**

Proposed outlay 1990-95 Rs. 3 lakh  
1991-92 Rs. ----

In H.P. we have many areas, where sufficient water is available for running gravity water supply schemes for either drinking water or irrigation. Presently the GI Pipes are used for such schemes which are very expensive. The Council has made a programme of taking three pilot projects of gravity water supply scheme in which HDP Pipes will be used. The Unicef has agreed to provide 75% subsidy on HDP Pipes. For rest of the 25% and for civil construction, the estimated construction required is Rs. 3 lakhs, Once this activity is successfully demonstrated the programme will be transferred to the user department.

**R&D SECTOR**

Proposed out lay 1990-95 Rs. 30.00 lacs  
1991-92 Rs. 2.00 lacs

The State Govt. had set up 3 Working Groups jointly with the Department of Atomic Energy. Their report have been received and it has been proposed that the State Govt. should provide for an investment of Rs. 150 lacs. proposal of out of 439 lacs for 8th five year plan. The actions proposed are :-

- |   |            |
|---|------------|
| 1. Setting up of the material<br>Science & Quantitative analysis<br>laboratory at H.P.U. Shimla | 54.00 lacs |
| 2. Instrumentation and Physical<br>Applications laboratory                                      | 20.5       |
| 3. Isotope laboratory   | 28.5       |
| 4. Food Irradiation laboratory  | 20.0       |
| 5. Polymer Research Laboratory  | 6.0        |

FOR SETTING UP A CO-BALT -60 RADIATION PLANT

Proposed outlay Rs 250.00 lacs

SETTING UP OF NUCLEAR MEDICINE CENTRE

Proposed outlay Rs 60.00

The committee noted that the cancer hospital has already initiated steps for setting up a Radioimmunoassay Laboratory in its premises and orders have already been placed for the essential equipments. Accommodation is also earmarked in the centre for locating a Nuclear Medicine Unit. Hence the committee recommend a fullfledged Nuclear Medicine Centre consisting of imaging facilities, R.I.A facilities and facilities for treatment of Thyrotoxicosis and Thyroiacancers, be set up in the cancer hospital . The committee also examined the place earmarked for the proposed nuclear medicine centre and felt that the accommodation available is more adequate. Some minor modifications and additional fixtures may have to be carried out at the time of installation of the equipments. In addition to this major nuclear medicine centre it is also advisable to have a few RIA Centre located in other parts of the State. It was understood that the State Govt. is setting up Zonal Hospitals at Shimla . Mandi and Dharamshala . each of these Zonal Hospital may also be provided with RIA Laboratory.

2) Forensic Laboratory:

The Forensic Laboratory of the Pradesh was hore to fore 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. 200 lakh for Eighth Plan and Rs. 50.00 lakh for Annual Plan 1991-92 has been proposed.

ACTIVITIES TO BE UNDER TAKEN BY THE  
DEPTT. OF SCIENCE TECHNOLOGY AND  
ENVIRONMENT- UNDER ENVIRONMENT

3435 00 Ecology and Environment

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 over exploitation of the forest wealth, has resulted in losses of many species. For proper planning and future exploitation of the forest wealth it is becoming necessary to have fresh look in the 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 environment 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 Botany Department, Dr. Y.S. Parmar Horticulture and Forestry University Forestry Department. The total expenditure on this project for the plan is envisaged as under :-

3435 01 Survey (Botanical)

1990-95 Rs.10.00 Lakh  
1991-92 Rs 0.25 lakh

Staff

1. Research Associate	2	Rs. 2200-4000
2. Museum Curator	1	Rs 2200-4000
3. Helpers	2	Rs 750-1350
4. Driver	1	Rs 950-2100
5. Stenotypist(3rd year)	1	Rs 950-1800
004 Research		Rs. 50,000
005 Investigation		
008 Other expenditure vehicle		Rs 1,50,000/-



## 02 Survey (Zoological)

1990-95 Rs. 10.00 Lakh

1991-92 Rs. 0,25 Lakh

Though H.P. 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. and represents a distinct oriental and palearctic biogeographical influence.

Present status of the wildlife sps. in H.P. ranges from the highly endangered (IUCN Red Data Book, 1971) Western Tragopan, 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, due to very basic and preliminary surveys conducted since 1978 under the Himachal Wildlife Project and relatively few census and habitat availability studies. 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 before we talk of Wildlife management. In H.P. The wildlife wing of the H.P. forest deptt. is mainly entrusted with the task of protection wildlife and management of zoos/avairies.

### Thrust Areas :

1. Extensive Surveys in unexplored regions
2. Intensive studies & Repeat Surveys
3. Regular census to monitor populations
4. Habitat availability studies based on Remote Sensing and ground verification.
5. Wildlife management on the basis of the above information, systematically collected.
6. Formulation of new protected areas/Biosphere reserve/National Parks/Sanctuaries.
7. Himalayan survey methodology training of wildlife & forest deptt. staff.
8. Bird migration studies Ringing, Radio telemetry and identification of wetland reserves.

### 001 Direction and Administration

1. Research Associate	2	Rs. 2200-4000
2. Museum Curator	1	Rs 2200-4000
3. Helpers	2	Rs 750-1350
4. Driver	1	Rs 950-2100
5. Stenotypist(3rd year)	1	Rs 950-1800
002 Training		
004 Research		Rs. 50,000

005 Investigation

008 Other expenditure  
vehicle

Rs 1,50,000/-

**03 ENVIRONMENT RESEARCH AND ECOLOGICAL REGENERATION**

**003 Environment Education Training and Extension**

1990-95 Rs. 10.00 lakh

1991-92 Rs. 1.00 lakh

No programme on Environment Conservation & Preservation can be successful without the involvement of a common man, a man in the street. The Council proposes to organise a massive programme :

- i) 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 volunteer organisation & non-governmented 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.

## 101 Conservation Programme

1990-95 Rs. 28.00 Lakh

1991-92 Rs 4.50 Lakh

### Eco -development camps for improving waste degrade 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 subsequent 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 thorough the ecoldevelopment camps for regeneration and conservation programme.

### 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 for identify scientific methods of garbage disposal . The scope of the work would include :

Data collection , availability of Municipal solid waste, its source whethe domestic, commercial, industrial etc.  
Present mode of collection, transportation and 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 re-cyclable materials]

Physical chemical abalysis, 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 waster disposal and energy reovery.

Technical, financial social, viability of various established energy recovery alternative such as :

- i) Sanitary Land fills
- ii) Pyrolysis
- iii) Anaerobic digestion
- iv) RDF methods
- v) Incineration
- vi) Other methods

k. Functional specifications and preliminary layout. Based on the field surveys , laboratory tests and evaluation studies, the consultant has to recommend the various viable enery recovery routes applicable to the location taking dueconderation of direct and indirect benefits. If establishment of energy recovery plant is not viable, the same may be reported with justification.

#### **NATURAL HAZARD ASSESSMENT & METIGATION**

#### **PROJECT FOR ECO-DEVELOPMENT IN H.P. HIMALAYS TO MAKE FIELD STUDY AND MONITOR THE LAND SLIDES**

The State of H.P. being hilly areas are confronted with various natural hazard as well as man induced hazards. Occurance of Landslides, snow avalanches and Earth quakes is a common phenomena . It is imparative that inventory of such hazard prone areas carried out protective measures are identified. Council in the past has organised a workshop to address the issue of earthquake and preventive measures that can be taken up for minimising the loss of life & property. Council proposes to carry out a study of the landslide prones areas and to initiate multiprong measures for their prevention. There are a number of land slide prone areas in the Pradesh that are natural hazards to the safety of the public and property. In the process, the natural rich soils are also lost due to the soil erosion thereby disturbing the ecological system.

One such land slide prone area has been identified near Chharol about 20 Kms. from Bilaspur in Bilaspur Kiratpur National Highway No.21. There is an urgent and immediate need to stabilise this portion by soil adopting conservation measures including raising of vegetative and engineering structures, raising of plantation of such species that can bind the soils to prevent erosion and planting of grasses to check run off. This will be done through non-govt. voluntary organisations so as to establish linkage amongst S&T. Socio Economic sector and Volantart Organisation. In addition to this project, it is proposed to study 20 more land slides prone areas in the Pradesh for knowing causes of slope failure by using Remote Sensing Technology to check such land slides.

**ENVIRONMENTAL STUDIES(RECLAMATION OF OLD MINES AND IMPROVEMENT OF ENVIRONMENT AROUND MINING AREAS)**

At present the State of Himachal Pradesh do not have many economically viable mineral deposits. However, the state has enough limestone deposits which are being extracted for cement production. Both public and private sectors have set up cement factories in the state. Open cast mining is the major mode of limestone extraction. It is important to assess impact of mining on the surrounding environment. There is a need to reclaim previously mined areas as well as to predict the impact of proposed schemes.

Environmental studies in selected areas of Sirmaur,, Solan, Bilaspur and Kangra district shall be taken up to know the quality of air, water and soil in and around the mining areas. Measures to re-claim the old mines and to improve the environment around the existing mines shall also be initiated.

Distt.	Zones No	Identified for environmental studies
Sirmaur	3	i) Sataun-Kamrao ii) Sangrah iii) Bhasli
Solan	1	i) Saproon valley
Bilaspur	1	i) Badhla Dhar
Kangra	1	i) Khaniyara

## CONSERVATION OF WETLANDS

Renuka Ji lake has been selected as wetland as wetland for the preparation of Management action plan by the National Wetland Committee. The other important lakes in the State are Khajiar , Dal. Rewalsar and Manimahesh, etc. All these lakes have undergone ecological degradation and it is proposed to restore their original grandeur by replicating the conservation measures proposed to be undertaken at Renuka Ji.

There are 15 such Wetland in the State , which need conservation and development. The Council proposes to take up conservation programme on the line of one started in Renuka Ji.

### ENVIRONMENTAL PLANNING & CO-ORDINATION

1990-95 Rs. 20.00 Lakh  
1991-92 Rs. 4.00 Lakh

### Implementation of EPC Recommendation

Environment protection Council is the highest apex body in the State that take stock of the various aspects of development vis-a-vis the environment. It comprises members from the Govt, voluntary agencies as well as political representation. State Council for Science Technology and Environment apart preparing agendas for the meetings also coordinate the efforts of various organisations. It intends to give a practical shape to the various recommendation 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. To implement the recommendation of EPC we will need 20 lakhs for five year plan. The Hon'ble Governor of H.P. is chairman & Hon'ble Chief Minister is Senior vice chairman of this Council.

### Monitoring of Vegetation Cover

Most parts of H.P. constitute important Water Shed of some of the important rivers of Northern India. It is needless to emphasise the importance of preserving vegetation cover the hills to reduce flooding in the plains and checking the inflow of silt in the reservoir. Using the modern techniques of space technology it is proposed to assess the vegetation cover available and to identify areas of land use changes. So that impact of such changes could be assessed and remedial measures are taken. Periodic monitoring will be carried out.

### Monitoring of Urban Sprawl

As a result of large scale development and exponential growth of population the town and cities have overgrown, often in a haphazard manner leading to encroachment on agricultural land destruction of trees & vegetation. Such a unplanned growth not only affects the environment but also the health and life of human beings. The Council proposes to take up the study of all the major towns & cities of the State to monitor the urban sprawl. Vis-a-vis its impact on environment.

### RESEARCH AND ECOLOGICAL REGENERATION

1990-95 Rs. 17.00 Lakh  
1991-92 Rs 5.00 Lakh

### Medical and Aromatic Plants :

The Council will undertake a Pilot Project for the cultivation of medicinal and aromatic herbs which are getting extinct or endangered and have a potential for pharmaceuticals .

### Raising of Sandal Wood Plants at Jawalamukhi

The Council proposes to raise an experimental plot of Sandal Wood plants in Gumber Forest near Jawalamukhi during 1990-91. Some seedlings of sandal wood have already been raised in Baluglo nursery near Jawalamukhi. These seedlings will be transplanted in polythene bags during April, 1990 and the plants raised in polythene bags will be transplanted in Gumber Forest.

### Popularisation of Green House Technology

H.P. is known for its fruits and flowers. Seed potato and seed pea raised in Lahaul Spiti and Kinnaur districts is famous throughout the country. It is felt that there are many other areas where similar cultivation prevail throughout the year. Areas like Pangti, Kaza and Bharmaur are aptly suited for crop cultivation in green houses in controlled environment. We feel that if cheap green house are provided then a large number of farmers would opt for this cultivation technology. The availability of clear LDPE film as a substitute of traditional glass houses can open up new vistas and areas for cultivation. It is proposed to popularise this technology in the 8th Plan.

### Fooder Grasses

The State Council for STE undertook a Pilot Project during 1987-88 for the cultivation of drought resistant fooder grasses in the temperate zones of the State with the following objectives

- a) To replace the inferior local grasses by better quality nutritious and drought resistant fooder grasses.
- b) To increase bio-mass production
- c) To observe the effect of these grasses on the quality of soil.

Plantation of grass slips has been carried out in an area of one hectare near Devidhar which is about 32 Kms. from Shimla and is located at an elevation of about 1200 metres. Besides maintaining the fooder plantation at Bhattakuphar and Devidhar area of 1.0 hec will be taken up during 1990-91 in the lower hills and in Kinnaur Distt.

### Bamboo Plantation

It is proposed to raise plantation of bamboo in 3.00 hec near Ranital in Kangra Distt. The plantlets of Dendro-Calamus strictus, Bambusa Arundanesea and B. Balcoa raised through tissue culture by Botany Deptt. of Delhi Uni. will be given field trial on an experimental basis.



INTERNATIONAL CO-OPERATION

Rs. 5.00 Lakh

For holding seminars and workshops and travelling grants to the scientists involved in the process of ecological regeneration.

SUMMARY OF ENVIRONMENT PROPOSAL 1990-95

1. Survey of Natural Resources	
Survey (Botanical)	10.00 Lakh
Survey (Zoological)	10.00 Lakh
2. Environment research and ecological regeneration	
Environment training and education	10.00
Conservation Programme	28.00
Eco-development camps	
Study of Garbage disposal method	
Natural hazard assessment and mitigation	
Minig reclamation	
Conservation of Wet Lands	
3. Environmental planning & Co-ordination	20.00
4. Research and ecological regeneration	17.00
5. International Corporation	5.00
	-----
Total	100.00 Lakh
	-----

In the light of the proposals for the 8th five year plan and provisional allocation of funds for 1991-92, a list of activities to be undertaken with budget estimates therefor is attached herewith

## WATER AND AIR POLLUTION PREVENTION:

Under this head grant-in-aid is provided to the Himachal Pradesh State Board for Prevention and Control of Water Pollution. This Board is engaged in identifying the polluting industries and to ensure that they are running treatment measures. Under the statutory powers vested with the Board, it prosecutes the industries also for not taking anti pollution measures. In addition, Board also prepares the river water quality status reports, air pollution status report and also the pollution reports of selected towns.

For the Seventh Five Year Plan (1985-90) an outlay of Rs. 25 lakh has been approved under this head, against which actual expenditure reported to Rs.27.75 lakh. For the year 1990-91 an outlay of Rs. 15.00 lakh has been approved under this head. The proposed outlay for Eighth Plan and Annual Plan 1991-92 is Rs. 150.00 lakh and Rs.25.00 lakh respectively.

The physical achievements during Seventh Plan in respect of this head are as under:

Out of 557 polluting industries identified by the Board, 257 industries are running with treatment measures and another 183 industries are such where the level of pollution is negligible and no treatment is necessary at present.

During the Seventh Five Year Plan, 101 Designs of Effluent Treatment Plants were approved.

70 Nos. of industries completed their effluent treatment plant during first three years of the plan period.

The Board has started evolving design of Effluent Treatment Plant for some of the selected public sector undertakings.

Approximately Rs. 3.00 lakh per year are being collected as water cess from industries and local bodies.

The National Ambient Air Quality Monitoring for Shimla town has been started from August, 1987. Under this two stations have been established at Shimla. Another two stations have been commissioned recently at Paonta Sahib and two at Parwanoo.

16 New Posts have been sanctioned mostly for Scientist and Technical personnels.

The Board's Water Testing Laboratory has been approved by the Ministry of Environment, Govt. of India under the Environment (Protection) Act, 1986 and Rs. 20.00 lakh have been received from Central Government for development of Air Testing Laboratory.

For that we may have to induct some Scientific Staff During Eighth Plan and Annual Plan 1991-92 following programmes will be under taken, of there are as under:-

**1. AIR QUALITY MONITORING:**

Air Pollution Control which was initiated only in 7th Plan period needs to be taken up in a big way during the 8th Five Year Plan period. Our Pradesh is a hilly State and is considered to be a tourist resort, so it is very essential that we have a complete record of Ambient Air Quality of all the important tourist places, so that the deterioration, if any, in the ambient air quality can be checked. It is proposed to monitor air quality of all the district headquarters.

**2. RIVER WATER QUALITY MONITORING:**

The Water quality of all the major rivers and main effluent channels in industrial areas are proposed to be monitored on all the points where there is some addition or sub-traction.

**3. URBAN WASTE APPAISAL:**

At present no town in Himachal Pradesh is covered with planned Sewerage Treatment works. Similarly no scientific agrangement in this field are available for disposal of Urban waste Steep hilly slopes can be

suitably utilised for treating sewage and as such some special treatment system in Shimla town.

#### 4. DEVELOPMENT OF LABORATORIES:

At present the Board has only one Laboratory at Parwanoo. But keeping in view the topography of the State it becomes difficult to transport the water quality samples from long and distant places to Laboratory at Parwanoo. So it is proposed to establish Regional Water Testing Laboratories at Shimla, Paonta Sahib, Una, and Jasur.

#### 5. TRAINING OF SCIENTIFIC 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. RESEARCH AND DEVELOPMENT FOR MANAGEMENT OF INDUSTRIAL WASTE:

Most of the industries are waste of Minerals such as Lime Stone etc. and consequently to Major Cement Plants and fifteen mini Cement Plants and number of Hydrated Lime Kilns and stone crushers have been established in the State and many more of such projects are in the pipe line. As a result of establishment of such Air Polluting Industries in the State has encountered a number of environmental problems. There is no fool-proof pollution control system a mini cement plants and no established design is available for control of smoke of Lime Kilns. So it has become very necessary to carryout the Ambient Air Quality Monitoring System in the State.

#### 7. MONITORING OF NOISE LEVEL IN SHIMLA TOWN:

Noise pollution has recently been identified as an irritant having deginate affect on the environment. Noise is un-wanted objectionable and irritating sound, a sound in wrong places and at wrong time, resulting in speech interference annoyance irritation, temporary or permanent hearing loss. Shimla is the capital of Himachal Pradesh and is a popular summer health resort.

So it is very necessary that the present environment of Shimla is maintained to present a good, health and quiet atmosphere to the tourists. It has been noticed that Shimla is becoming too much noisy due to large scale use of automobiles, loud speakers and business activity. Shri V.S. Bhatnagar, Scientist Incharge, Environment Monitoring and Instrumentation Division, CSIO, Chandigarh, has sent Project Proposal for monitoring noise level in the city of Shimla. The studies will be carried out by a team of Scientists from CSIO, Chandigarh, under the guidance of Shri Bhatnagar, at 2-3 points on week days and off days to have a perfect average representative value, from 8.00 AM to 8.00 PM depending upon the necessity and requirement. The Scientists will also give us the various methods to decrease the noise level wherever the noise is above the permissible limits.

#### 8. ENVIRONMENTAL IMPACT ASSESSMENT STUDIES:

A sum of Rs. 21.00 lakh is provided in the budget proposals for the Environmental Impact Assessment Studies in the State to keep the watch on the Environmental Impacts in the State. The study will carry out by the Board Staff from time to time and keeps its records.

## IX) GENERAL ECONOMIC SERVICES:

### 1. Secretariat Economic Services:

#### A) State Planning Machinery:

The functions of State Planning Machinery have been grouped under the seven broad divisions namely (i) Perspective Planning and Plan Formulation Division (ii) Project Formulation and Appraisal Division (iii) Monitoring and Evaluation Division, (iv) Manpower Planning Employment and Information Division, (v) Programme Implementation Division (vi) Regional and District Planning Division, (vii) UNICEF Assisted Planning Cell and (viii) Administrative Division.

The proposed Eighth Plan outlay for Secretariate Economic Services is 400 lakh. Against the anticipated expenditure of Rs. 68.00 lakh during Annual Plan 1990-91, an outlay of Rs. 80 lakh has been proposed for Annual Plan 1991-92. This outlay includes the Central Share burden also on account of proposed transfer of Centrally Sponsored Schemes to State Plan.

A brief resume of the functions of various divisions are summarised as under:-

#### 1. Perspective Planning and Plan Formulation Division:

This Division has been charged with the function of formulating Five Year Plans and Annual Plans and keeps liaison with the Planning Commission. A perspective Cell also work 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.

#### 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 watershed Development Project of Kandi Area. A high powered Committee for formulation monitoring appraisal and Review Committee of Projects

including externally aided projects has been constituted under the chairmanship of Chief Secretary.

### 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 project 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 H.P.
2. Evaluation study of Mushroom Farming in H.P.
3. Evaluation Study of Ahemadnagar Experiment in Sirmour District.
4. Evaluation Study of Earn while you learn in H.P.
5. Evaluation Study of IRDP in Mandi and Bilaspur Distt. of Himachal Pradesh.
6. Evaluation Study of Forest Plantation in H.P.
7. Evaluation Study of Adult Education Programme in H.P.
8. Evaluation Study of Inter-class Marriages in H.P.
9. Evaluation Study of outturn and utilisation pattern of Ex-ITI's Trainees.
10. A Study on free travel concession to freedom fighters in Himachal Pradesh.
11. Repeat Evaluation Study of Bio-gas Plants in H.P.

The studies in the pipe line are:

1. Evaluation Study of D.C.R.A Project in Kangra Distt.
2. A Study on Socio-Economic Status of minorities in H.P.
3. An Evaluation Study on New Family Planning Incentive Schemes in Himachal Pradesh.
4. Evaluation Study on IRDP in H.P.
5. Evaluation Study of Single light point in Harijan Houses.
6. Study of Micro water sheds in the context of Dry Land Farming.
7. Development of new and renewable sources of energy.
8. Evaluation of Sericulture Industry.

### 4. Manpower Planning Employment & Information Division:

This division is charged with the function of preparing (i) Fact Book on Manpower (ii) Manpower Profile

of Himachal Pradesh for Seventh Five Year Plan, (iii) Estimates of Employment and unemployment on the basis of 38th round of National Sample Survey, (iv) Review of Self Employment Programmes and (v) Series of quick estimates of employment in organised sector under EMI programme. 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:-

1. An overview of Planning in H.P.
2. Final Annual Plan document- 1989-90
3. Status of Woment in H.P.
4. Economic Indicators of H.P.
5. Study on occupancy of Rest Houses.

The publications in pipe line are:

1. Constituency wise data on development trends in H.P.
2. Study on Development trends of Special category States.
3. Final Annual Plan 1990-91.
4. Maps depicting infrastructural facilities in H.P.
5. Atlas of Himachal Pradesh.
5. Regional and District Planning Cells:

The State Government has already initiated the decentralisation of Planning process in the State in a phased manner. For this both at the headquarter and at the district leve, 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 District Planning and Development Committees have 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 during the current financial year has declared Director (Planning) as Head of Department concerned with functional heads of the department concerned and Deputy Commissioner as head of office in their district in so far as these development heads are concerned.

**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, assistance for ICDS project, Urban Basic Services in Una District, DACRA Project in Kangra district and for Shimla district. This Cell regularly coordinates the implementation of the projects with the departments since, most of the projects are inter-disciplinary and inter-departmental in nature.

**B) Other Secretariate 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 1988-89 for which a sum of Rs. 6.00 lakh was provided. For the Annual Plan 1990-91, a provision of Rs. 12.80 lakh has been provided for other Secretariat Economic Services which is to be utilised in full. A provision of Rs. 20.37 lakh has been proposed for Annual Plan 1991-92.

The 8th Plan outlay and expenditure scenerio for 1990-91/<sup>8</sup> proposed outlay for Annual Plan 1991-92 is as under:-  
(Rs. in Lakh)

A. State Planning Machinery	8th Plan proposed outlay.	Anticipated expenditure 1990-91	Proposed expenditure 1991-92 outlay
1.	2.	3.	4.
1. Planning Board, Plan Formulation & headquarter staff.			
2. Evaluation.	294.10	55.20	59.63
3. Regional & Distt. Planning.			
4. Manpower Plg.			
5. Regional & Distt. Plg.			

1.	2.	3.	4.
6. Project Formulation			
7. 20 Point Programme Cell			
TOTAL:	294.10	65.30	59.63
B. Other Sectt. Economic services.	105.90	12.60	20.37
TOTAL:	400.00	63.00	80.00

## TOURISM:

Tourism in Himachal Pradesh form its origin in the times when it had a very modest plan budget of Rs. 2.00 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 hungary 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 panorma.

With the reorganisation of the Punjab areas, tremendously rich and tourist potential areas like those of Kullu, Manali, Kangra, Dharamsala, Shimla, Kasuali, 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 Kash-mir where the political situta-ion can at any time be upredictable and as a result tourist have a divert to the resorts of the Pradesh.

### 1. Level of Developments:

The Tourism Development Corporation has already started earning revenue by way of income from its hotels, cafeterias and transport. In addition to 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 tourists season, 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 tourist 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 happens 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 expenditures made in the Tourism Sector during the various Five Year Plans/ Annual Plans is given as under:-

Five Year Plan/Annual Plan	(Rs. in Lakh)
	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)	3.50
Fourth Five Year Plan. (1969-74)	97.24
Fifth Five Year Plan(1974-78)	214.00
Annual Plan (1973-79)	71.55
Annual Plan (1979-80)	31.11

1.	2.
Sixth Five Year Plan (1980-85)	605.00
Seventh Five Year Plan(1985-90)	800.00

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 out and concerted efforts in space, time and activities are needed to take this industry towards the self sustained growth. The programme thrust in future would be in the following directions:

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.

During the Eighth Plan, an outlay of Rs. 23.25 Crore has been proposed for the development of tourism in the Pradesh. Against the anticipated expenditure of Rs. 215 lakh, a provision of Rs. 400 lakh has been proposed for Annual Plan 1991-92. During the 8th Plan a specific amount of Rs. 10 crore has been made for Area Development Infrastructural Project and consequently Rs. 160 lakh for Annual Plan 1991-92.

The schematic details are as under:-

Schemes	8th Plan Proposed outlay.	Anticipated expenditure 1990-91.	Proposed outlay 1991-92.
1.	2.	3.	4.

I. CONTINUING SCHEMES

A. Tourism Infrastructure:

1. Tourist Centre.	335.00	18.67	41.00
2. Tourist accommodation	280.00	58.70	50.00
3. Assistance to public sector and other undertakings.	35.00	6.00	10.00
4. Other Expenditure.	45.00	7.75	9.00

B. General:

1. Direction and Administration	38.00	4.78	7.00
2. Training	80.00	15.00	20.00
3. Promotion and publicity.	140.00	35.10	35.00
4. Other expenses	52.00	14.00	13.00
5. Investment in public sector undertaking.	150.00	35.00	30.00

C. Tribal Areas:

1. Tourism Accommodation.	100.00	10.00	15.00
2. Promotion and Publicity.	15.00	5.00	5.00
3. Other expenses	35.00	5.00	5.00

SUB-TOTAL (A+B+C) 1325.00 215.00 240.00

I. NEW SCHEME

1. Area Development Infrastructural Project.	1000.00	-	160.00
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TOTAL TOURISM: 2325.00 215.00 400.00

The new scheme introduced in the 8th Plan relate to Area Development Project fo promote tourism in the State. The scheme aims at providing self employment to the unemployed and which has the potential of revenue earning activity of the Government. To begin with area specific comprehensive Plan are under preparation. These include:

- i) Shimla and Satellites:
  - a) Shimla- Kufri- Chail
  - b) Shimla Mashobra- Naldhera
  - c) Shimla- Fagu, Narkanda Sarhan
  - d) Solan Kasauli
  - e) The Kullu- Manali circuit
  - f) The Kangra- Dharamsala- Chamba circuit.

The above each circuit contains a sufficient concentrations of attraction, services, and transportation modes to create separate identity itself. The details of the scheme are as under:

(Rs. in Lakh)

Sr.No.	Sector/Head/Sub-Head of Development.	Proposed outlay for 8th Five Year Plan.	Proposed outlay for Annual Plan 1991-92.
1.	2.	3.	4.
<u>Tourism (General)</u>			
1.	Construction of Club House at Shimla.	250.00	35.00
2.	Health Resort at Mashobra.	150.00	20.00
3.	A small recreation park at Naldehra and laying of benches in the surrounding wilderness.	50.00	10.00
4.	Development of Narkanda and Kupper Ski Slopes.	50.00	10.00
5.	Lift from Kiveli cinema bus stand to Ridge and at some other suitable point.	50.00	10.00
6.	Development of Picnic spots at Taradevi, Geln, Mashobra and Jakhu Temple.	100.00	10.00

1.	2.	3.	4.
7.	Parking Places in Shimla with the facility of local telephones and public conveniences.	50.00	10.00
8.	Wayside facilities along the routes of settlets resorts.	50.00	10.00
9.	Amusement Park at Shimla.	100.00	10.00
10.	Development of House-ride tracks in the Shimla and Satellites.	20.00	5.00
11.	Rock garden at Annadale.	30.00	20.00
12.	Development of trekking.	50.00	10.00
<b>TOTAL:</b>		<b>1000.00</b>	<b>160.00</b>



### 3. SURVEY AND STATISTICS:

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 upto 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, other state governments.

#### Strategy during 8th Plan for the development of Statistics:

In a meeting of the Directors of Economics and Statistics held in New Delhi on 20th and 21st April, 1989 in the Central Statistical Organisation, it was recommended that apart from continuing the major schemes taken up during the Seventh Plan, following schemes should also be included to fill up data gaps in vital sector of economy :

1. Strengthening of Statistical machinery at State/District/Block level;
2. Capital formation and State domestic product estimations at district level;
3. Strengthening BDP 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 samples of N.S.S;
5. Housing and building statistics;
6. Statistics on newly emerging areas / <sup>viz.</sup> (i) Environment Statistics (ii) Women and Children statistics and;
7. Provision for construction of office and residential bldgs.

During the 8th Five Year Plan a provision of Rs. 90.00 lakh has been proposed. Against an anticipated expenditure of Rs. 15.00 lakh during Annual Plan 1990-91, an outlay of Rs. 17.60 lakh has been proposed for 1991-92. The scheme wise details under this head are discussed as under:-

1. Strengthening of staff at State Headquarter, Districts and Block level

The need for sound statistical system for planning and policy progress is already recognised. In this context the need to have a constant and quick feedback of the results of our plan programmes particularly of the poor and other target groups of the society has increased. Timely production, dissemination and interpretation of relevant data as also evaluation of various Government programmes are becoming increasingly necessary. To cope up with the increased volume of work of the strengthening of the directorate is necessary.

With the passage of time, work in the District Statistical offices has constantly increased more in the wake of decentralised planning with the posting of Statistical Assistants at Block level the administrative work has also increased.

The State Government had agreed to provide one Statistical Assistant in each of the non Tribal Blocks in view of the growing needs of data at village, panchayat and Block level in the context of decentralisation of planning

process. With a view to strengthen the H.Q, district and Block level, a provision of Rs. 85.50 lakh has been proposed for 8th Plan. Against an anticipated expenditure of Rs. 14.00 lakh during Annual Plan 1990-91, an outlay of Rs. 15.40 lakh has been proposed for 1991-92.

2. Estimation of Capital Formation and preparation of District level estimates of State Domestic Product :

Estimation of capital formation at the State level is as important as the estimation of the State Domestic Product. 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 system of accounts at the State level. To undertake work under this scheme an outlay of Rs. 4.50 lakh has been proposed for the 8th Plan 1990-95. An outlay of Rs. 2.20 lakh has been proposed for 1991-92. ~~Rs. 2.20 lakh~~

CIVIL SUPPLIES.

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 for the Eighth plan 1990-95 is proposed as under :-

- a) Augmentation of Administrative machinery under 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.

During the 8th Plan, an outlay of Rs.36.65 crore has been proposed. Against an anticipated expenditure of Rs.557 lakh during 1990-91, an outlay of Rs. 730 lakh has been proposed for 1991-92. The schematic details are as under :-

Sl No.	Name of Scheme	(Rs. in lakh)		
		Proposed 8th Plan outlay 1985-90	1990-91 Anti. expenditure	Proposed outlay 1991-92
1.	2.	3.	4.	5.
<b>1. Price Stabilization Schemes:</b>				
	i) Augmentation of Staff.	145.00	27.90	28.00
	ii) Consumer Protection.	80.00	9.00	12.00
	iii) K.Oil subsidy.	10.00	1.50	2.00
<b>2. Procurement and Supply :</b>				
	i) Construction of godowns.	95.00	11.70	14.00
<b>3. Construction of Office/ Residential Buildings.</b>				
		35.00	5.80	10.00
<b>4. Investment of H.P. State Civil Supplies Corporation.</b>				
		85.00	1.00	19.00
<b>5. Subsidy on wheat to the antyodaya families.</b>				
		1650.00	200.00	330.00
<b>6. Subsidy on Wheat, Wheat Flour, Salt, Rice</b>				
		1500.00	300.00	300.00
<b>7. Other Schemes</b>				
		65.00	0.10	15.00
<b>Total</b>		<b>3665.00</b>	<b>557.00</b>	<b>730.00</b>

A description of each scheme is given as under :

1. Price Stabilisation Schemes:

i) Augmentation of Staff:

In Himachal Pradesh there are 3178 Fair Price Shops and approximately 65,000 Commercial establishments, which require effective enforcement of various Orders, 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.

ii) Kerosene Oil Subsidy:

The Department is subsidising transportation cost of Kerosene in respect of supplies being made to Pangri 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 Bangala 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 K.Oil. The department is also subsidizing the transportation cost of Iodized Salt in respect of supplies being made to far-flung areas.

## 2. 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. In the first two year of 8th Five Year Plan, the ongoing work have been targetted to be completed with an amount of Rs. 95 lacs and thereafter construction work of new godowns shall be taken up.

## 3. 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. 3.39 cores. Against the remaining un-paid share capital of 61 lakh the department propose to invest 5 lacs in the share capital of the Corporation during 8th Five Year Plan. A sum of Rs. 85 lakh has been proposed to be spent during 8th Plan and Rs. 19.00 lakh during Annual Plan, 1991-92.

## 4. SUBSIDY ON WHEAT TO THE ANTODAYA FAMILIES

From 15th August, 1990 the State Government has introduced a new scheme to provide subsidised ration every month to the Antodaya 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 -do-
SALT.	1 Kg to each family.	Rs. 0.20 -do-

In the first phase this is provided to abbut one lakh families to be i-identified by the Antodaya Department, on the ration cards.

A sum of Rs. 1650 lakh has been proposed to be spent on the subsidy during the 8th Five Year Plan and Rs. 330 lakh proposed during the Annual Plan 1991-92.

In addition to this, the department is also providing subsidies on Wheat, Wheat-Atta, Salt, and Rice. A sum of Rs. 1500 lakh has been proposed for this purpose under Plan side during 8th Plan and Rs. 300 lacs during Annual Plan 1991-92.

5. WEIGHTS AND MEASURES:

The State Weights and Measures organisation has been entrusted with a very important task of the enforcement of the following two consumer protection laws:-

1. The Standard of Weights and Measures amendment Act, 1985 and rules framed thereunder (State Law) and
2. The Standards of Weights and Measures Act, 1976 and packaged commodities Rules, 1977 (Central Laws).

Under the State Act/rules, all the weights and Measures, Weighing and measuring instruments are verified and stamped by the Weights and 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 and Measures Organisation, is exercising check on the packaged 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.

During the Eighth Plan, an outlay of Rs. 47 lakh had been proposed under this head. Against the anticipated expenditure of Rs. 100 lakh during 1990-91, an outlay of Rs. 9 lakh has been proposed for Annual Plan 1991-92.

6. Other General Services:

(a) Cooperation Societies and Public Enterprises :

The National Institutional and Public Enterprises Commission was set up in November, 1982. The main activities of the Commission with relevance to banks and public sector are as follows :-

(i) To function as a nodal agency for co-ordinating the work relating to Government Programmes as implemented through institutions;

(ii) To monitor the programmes and activities of all public sector enterprises periodically.

The proposed Eighth Plan outlay under head 'Institutional Finance and Public Enterprises', is Rs. 50.00 lakh. Against the anticipated expenditure of Rs. 6 lakh during Annual Plan 1990-91, an outlay of Rs. 9 lakh has been proposed for Annual Plan 1991-92.

#### 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 district 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 District Planning and Development Committees. Each scheme to be sanctioned under the local development 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 per cent population and 40 per cent area basis.

Under the head District Planning an outlay of Rs. 50.38 crore has been proposed for the 8th Plan period. Against the anticipated expenditure of Rs. 12.76 crore during Annual Plan 1990-91, an outlay of Rs. 653.65 crore has been proposed for Annual Plan 1991-92.



SOCIAL SERVICES:

EDUCATION SPORTS, ART & CULTURE:

1. General and University Education:

Crucial to the evolution of an equitable and decentralised social order is a through revamping of the educational system. This is necessary both for realizing the goal of greater equity and for providing the necessary technical inputs at various levels. We need to make education less of a passport to privilege and access to white collar jobs and more as a means to enhance the capabilities of people as citizens and as producers. This calls for two simultaneous emphases. First, there is need to give greater priority to mass literacy and elementary and secondary education, as against the tendency to divert resources to ever higher levels of education which has produced the socially volatile phenomenon of educated unemployed. Second, there is need for greater emphasis on technical and vocational aspects of education in place of the present accent on general education which pushes the educated from rural areas to migrate to the cities. The habit of thinking of education only in terms of financial allocations and quantitative expansion should be given up. The focus should instead be on getting the people and the community actively involved in it.

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 1981 census, the literacy rate in the Pradesh was 42.48 percent, as against the national mark of 36.23 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 is as under:-

Name of the Institution/ School	Total
1. Primary Units	7450
2. Middle Units	2002
3. Secondary Units	1002
4. Senior Secondary Units	150
5. Colleges	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 JNS.

A variety of incentives for spread of education amongst weaker sections of Society are in vogue, major ones of which are mentioned below:-

1. Scholarship @ Rs. 30/- p.m. 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.
2. The scheme of scholarships on Lahaul/Spiti pattern is in vogue in all parts of tribal areas.
3. Free Hostels have been established for SC/ST students and for Backward Areas.
4. Free Text Books are given to all students in Tribal Areas.
5. Scholarship @ Rs- 8/- p.m. annual grant of Rs. 30/- in classes I-V, 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 to SC/ST/OBCs and Vimukta Jatis.
6. There is also a post Matric Schoarship Scheme for SC/ST students the rates of which vary between Rs. 50/- to 200/- per month.
7. 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 42.48% (Males 53.19% Females 31.46%) as compared to All India Literacy percentage of 36.23%(Male 46.89% Female 24.82%) in 1981, as will be seen from the table given below:-

		<u>Literacy Percentage</u>	
		<u>Himachal Pradesh,</u>	<u>India</u>
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

The approved Seventh Plan outlay under head General and University Education is Rs. 51 crore. The actual expenditure incurred under this head during the Seventh Plan was of the order of Rs. 78.27 crore. For the Eighth Plan an outlay of Rs. 22911.00 lakh and for the Annual Plan an outlay of Rs. 4303 lakh has been proposed. It also includes an outlay of Rs. 2101.00 lakh and Rs. 453.00 lakh on account of Centrally Sponsored Schemes proposed to be transferred to State Plan for Eighth Plan and Annual Plan 1991-92 respectively. Details of these expenditure/outlays are as under:-

Sector/Head/ Sub-Head of Development.	Approved 7th Plan outlay (1985-90)	Actual Exp. 1985-90	Approved outlay 1990-91	Proposed outlay for 1991-92	Proposed outlay for 8th Plan 1990-95
1.	2.	3.	4.	5.	6.

#### I. STATE SECTORS

##### 1. Elementary Education:

i) Class-I-V	970.90	1861.46	520.00	590.00	3310.00
ii) Class-VI-VIII.	1277.20	1757.13	767.74	837.52	5065.30

	1.	2.	3.	4.	5.	6.
2. Secondary Education.	2025.20	3190.36	1493.36	1838.63	9526.70	
3. Adult Education.	53.45	77.86	43.55	38.30	204.00	
4. Sanskrit Education.	23.00	2.83	2.48	4.80	19.00	
5. University	574.30	741.76	356.73	430.50	2350.00	
6. Sports	56.75	57.51	19.80	24.45	128.00	
7. General	67.00	52.55	13.32	20.30	128.00	
8. Art and Culture.	52.20	85.26	13.90	15.10	78.00	
9. Publicity	-	0.38	0.38	0.40	1.00	
<b>TOTAL:</b>	<b>5100.00</b>	<b>7827.10</b>	<b>3231.00</b>	<b>3850.00</b>	<b>20810.00</b>	

## II. Centrally Sponsored Schemes:

1. Operation Black Board ..		310.35	156.64	250.00	1161.00	
2. Elementary Education.	40.00	17.12	1.00	39.44	185.00	
3. Secondary Education.	10.00	409.68	36.00	148.00	681.25	
4. Adult Education	209.10	231.26	28.34	72.00	360.00	
5. Language Development.	5.90	1.23	0.01	0.56	2.25	
6. General	25.00	38.61	4.76	7.00	36.50	
7. Welfare of Handicapped	5.00	15.82	7.32	8.00	35.00	
<b>TOTAL:</b>	<b>295.00</b>	<b>1024.07</b>	<b>234.70</b>	<b>525.00</b>	<b>2461.00</b>	

The schematic details are as under:-

### I. UNIVERSALISATION OF ELEMENTARY EDUCATION:

#### 1. Opening of Primary Schools/New Primary Schools for Redressal of Regional Imbalances:

An outlay of Rs. 564.83 lakh has been approved for the 7th Plan under this Scheme. This includes continuation of expenditure on 684 Primary Schools, and for 160 New Primary Schools opened during the plan period. The provision includes salary and allowances of teachers and a small amount of contingency required to be provided for the institutions. The actual expenditure incurred under this head during the seventh Plan was of the order of Rs. 577.79 lakh. An outlay

of Rs. 316.26 lakh has been kept for the Annual Plan 90-91 For the 8th Plan and Annual Plan 1991-92 an outlay of Rs. 1912.42 lakh and Rs. 326.18 lakh has been proposed respectively.

2. 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 Plan for continuation of expenditure on 5892 posts of volunteer teachers and 5837 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/- P.M. and Rs. 350 P.M. for Matriculates and Graduates respectively and for part time water carrier Rs. 200/- P.M. The actual expenditure under this scheme for the Seventh Plan was Rs. 349.62 lakh. An outlay of Rs. 135.07 lakh has been kept for the annual plan 1991-92. For the 8th Plan and Annual Plan 1991-92 an outlay of Rs.1010.10 lakh and Rs. 206.24 lakh has been proposed respectively.

3. Strengthening of Administration and Supervision:

1) At Directorate Level:

A sum of Rs. 26 lakh has been approved for the Seventh Plan for meeting the expenditure on 26 Posts provided in the Directorate of Primary Education at the time of its creation. The actual expenditure under this scheme during the Seventh Plan was Rs. 33.83 lakh. An outlay of Rs. 16.71 lakh has been kept for the Annual Plan 1990-91 For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 153.00 lakh and Rs. 41.73 lakh has been proposed respectively.

ii) District and Block Level:

For the Seventh 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. 25.42 lakh has been kept under this scheme for the Annual Plan 1991-92. For the 8th Plan and Annual Plan 1991-92 an outlay of Rs. 95.66 lakh and Rs. 23.76 lakh has been proposed respectively which has been included under item (i) above.

**4. Other Schemes:**

In addition following few more programmes were also under operation during the Seventh Plan:

Schemes	(Rs. in Lakh)				
	Seventh Plan		Appro- ved outlay 1990-91	Proposed outlay	
	Appro ved outl- ays.	Actual Exp.	ved outlay 1990-91	8th Plan 1990-95	Annual Plan 1991-92
	2.	3.	4.	5.	6.
1. Incentive to Students.	32.40	6.34	2.40	20.00	2.00
2. Development/ Upgradation of School Infra-structure.	29.00	30.19	1.70	16.00	2.00
3. In-Service Teachers Training.	4.29	1.90	0.32	37.90	5.00
4. Cold Weather Charges.	-	15.81	12.12	17.00	4.00

**NEW SCHEMES:**

The following new schemes are proposed to be introduced during the Eighth Plan period:

**1. Opening of Primary Schools:**

To achieve the end of universalisation of education by the end of 1995 it is proposed to open seven hundred more Primary Schools for which a sum of Rs. 126.00 lakh has been proposed for Eighth Plan. Keeping in view the meagre amount vis a vis requirement of schools it is proposed that the provision may be suitably enhanced.

**2. Training and other Services:**

Seven hundred Primary Schools are prepared to be opened during the plan period for these an equal number of part time water carriers on fixed pay are proposed to be appointed. For which an outlay of Rs. 17.58 lakh has been proposed for the Plan period.

**CENTRALLY SPONSORED SCHEME:**

**1. Operation Black Board:**

The scheme of operation black board is under operation throughout the pradesh. During the Seventh Plan an expenditure of Rs. 310.35 lakh has been incurred on this scheme. For the Eighth Plan and Annual Plan 1991-92 an

outlay of Rs. 1161.00 lakh and Rs. 250.00 lakh has been proposed.

#### ELEMENTARY EDUCATION (CLASSES VI-VIII)

##### II. Continuing Scheme:

Under this sector provision has been made for the 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 School Education, 307 Middle Schools, Drinking Water facility in 1340 Middle Schools, GIA to Himachal Pradesh Education Society and completion of on-going works. An outlay of Rs. 4800.00 lakh and Rs. 875.95 lakh has been proposed for the 8th Plan and Annual Plan 1991-92.

##### NEW SCHEME:

Due to inadequacy of resources, only 471 teacher 3 legal Assistants for Zones could be included during 8th Plan out of which 150 teachers and 3 legal Assistants are proposed to be provided during Annual Plan 1991-92. These new programmes will cost Rs. 265.30 lakh during 8th Plan & only 11.57 lakh during Annual Plan 1991-92. These 471 C&V teachers are to be provided to those schools where these could not be provided in the past in certain years even as per norms, as a measure of extreme economy. There is persistent demand from Schools for early provision of these teachers so that instructional work is carried satisfactorily in these Schools. There is also huge rush of Court cases and there is no expertise agency of the Department to tackle these cases below the Directorate level. It has therefore, been proposed to provide one post of Legal Asstt. to each of the three Educational Zones in the State.

#### SECONDARY EDUCATION:

##### Continuing Scheme:

Provision under this sector has been made for the continuance of staff for Administration and Supervision, Vocationalisation of Education, Talent Search Scholarship Scheme, 3000 Education Project, Community Science Centre, Supply of equipment to schools, maintenance of school buildings, Additional teachers for High Schools and Sr. Secondary Schools,

323 High Schools, 150 Senior Secondary Schools, Drinking Water facility in 252 Secondary School, 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. An outlay for all these programmes for Eighth Plan and Annual Plan 1991-92 has been proposed of the order of Rs.9469.75 lakh during 8th Plan and 1834.68 lakh during Annual Plan 1991-92.

#### NEW SCHEME:

New Programmes included in the 8th Plan and 39 Lecturers for Senior Secondary Schools, 50 Lab Attndts. for High Schools out of which 39 Lecturers and 10 Lab Attendants are proposed to be provided during 1991-92. 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 8th Plan out of which 10 will be covered during 1991-92. Central Zone Mandi is facing acute shortage of staff. Some relief (5 posts) proposed to be provided to this Zone during 8th Plan. All these new programmes will require a negligible sum of Rs. 56.95 lakh during the Eighth Plan and 3.95 lakh during Annual Plan 1991-92. Accordingly this outlay has been proposed for approval.

#### UNIVERSITY AND HIGH EDUCATION:

##### 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/ Addl. subjects in Colleges, additional staff (47 posts) for Colleges, Assistance to Non-Government Colleges, Faculty improvement programme, lifting of UGC assistance, completion of on-going works, Maintenance of buildings, supply of equipment, An outlay of Rs. 2347.00 lakh has been proposed during 8th Plan and Rs.430.50 lakh during Annual Plan 1991-92.



NEW SCHEME :

New programme included in this sector is provision of additional staff (20 Posts) to Colleges where these are urgently and essentially required. For this an outlay of Rs. 3.00 lakh has been proposed during 8th Five Year Plan.

ADULT EDUCATION:

Continuing Schemes:

Provision under this sector 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. The continuance of these programme will require an outlay of Rs. 204.00 lakh during 8th Plan and 38.30 lakh during Annual Plan 1991-92 under State sector scheme.

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. 19.00 lakh during 8th Plan and Rs. 4.80 lakh during Annual Plan 1991-92 has been proposed for this scheme.

GENERAL:

Continuing Schemes:

Provision under this sector has been made for the continuance of staff for ACR Cell, Planning Branch, Accounts Services, Computer Cell. The continuance of these items entails an expenditure of Rs. 100.00 lakh during 8th Plan and 19.60 lakh during Annual Plan 1991-92.

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 East. The deficiency of staff is adversely effecting efficiency and quality of work. It is, therefore, proposed to provide only 23 new posts to the Directorate during 8th Plan of which 11 are proposed to be provided during Annual Plan

1991-92. It is also proposed to provide PBX facility in the Directorate to improve communication system. For this an outlay of Rs. 28.00 lakh during 8th Plan and 0.70 lakh during Annual Plan 1991-92 has been proposed.

#### SPORTS AND PHYSICAL EDUCATION:

Provision under this sector has been made for the continuance of National Physical Efficiency Drive, Sports Scholarships, Grant to HP Schools Sports Association, 5 Sports Hostel, strengthening of Physical Education(2 APTs) GIA to Bharat Scouts Sports Association and Additional staff for NCC (2 posts) for this an outlay of Rs. 123.00 lakh and Rs. 24.45 lakh during Eighth Plan and Annual Plan 1991-92 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 8th Plan. Owing to difficult financial position, these officers will first be provided contingent paid clerks. An outlays of Rs. 5.00 lakh during whole 8th Plan has been proposed under this scheme.

#### 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 Mohun Roy Library Foundation, Supply of journals/magazines, Furniture/eqpt. to libraries, Rural Libraries at Theog, and Sihunta, Library at Shimla, Library in the Directorate, completion of on-going works and part time water carrier for library at Killar. An outlay of Rs. 73.00 lakh and Rs. 15.10 lakh has been proposed for this scheme during Eighth Plan and Annual Plan 1991-92.

#### PUBLICITY:

##### Continuing Scheme:

For this scheme an outlay of Rs. 1.00 lakh for 8th Plan and Rs. 0.40 lakh for Annual Plan 1991-92 has been proposed.

**CENTRALLY SPONSORED SCHEME:**

An outlay of Rs. 1300.00 lakh and Rs. 275.00 lakh has been proposed for the continuation of various Centrally Sponsored Schemes of 7th Plan during 8th Five Year Plan and Annual Plan 1991-92, respectively. These schemes are:-

- 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 Schemes.
- ix) Upgradation of merit of SC/ST students.
- x) Integrated Education of Handicapped
- xi) Adult Education.
- xii) Environmental Education.

## TECHNICAL EDUCATION:

To make Technical Education in the State more powerful and effective to help in the National Development, National Integration and reduction of un-employment, great stress and importance has been given for strengthening of Directorate of Technical Education, State Board of Technical Education, Development of Infrastructure in the Institution, opening of new course in the emerging areas of Technology; Education for Women and Handicapped, Enterprenureship Development programme, continuing Education, Net-Work schemes, Industries- Institutes Intesraction, Modernisation and Removal of obsolescence of Equipment and Machinery in the Labortories and Workshops, Strenghening of Laboratories and learning re-sources, Rural Development etc. etc. from the year 1991-92 for which Project for strengthening of Technical Education in the State with the aid of World Bank Project has been prepared for Rs. 1994.49 lakhs out of which Rs. 391.72 lakhs are proposed to be carried over to 9th Plan. Actual requirement for 8th Five Year Plan has been worked out to Rs. 1602.77 lakhs, out of which 70% will be reimbursed by Government of India/ Wor-ld Bank. as per schemes Rs. 1287.23 lakhs has been proposed during 8th Five Year Plan, for continuing scheme such as payment of Salaries, Purchase of Equipments and completion of building works started, Payment of Scholarships to the students, payment of grant to State Board of Technical Education and Regional Engineering College to meet 50% recurring expenditure and providing land including development of the same. Total outlay proposed for 8th Plan is Rs. 2890.00 lakhs and for Annual Plan 1991-92 is Rs. 423.00 lakh inclusive of Centrally Sponsored Schemes.

### ACHIEVEMENTS DURING 7TH PLAN PERIOD:

During the 7th Five Year Plan, the Department established two Polytechnics, at Rohroo & Kandaghat and one Regional Engineering College at Hamirpur. The Polytechnic at Kandaghat is exclusively for Women.

The workshops and Laboratories were strengthened and Directorate was provided with more staff. An Audio-Visual

Cell was established at Government Polytechnic, Sundernagar. Government of India 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 4 Polytechnics were deputed for short term as well as long term training programme in Technical Teachers Training Institute, Chandigarh and Himachal Institute of Public Administration, Shimla and Summer Schools arranged in various Polytechnics of the country. A number of teachers have undergone training resulting in improvement in the standard of education being imparted to the students.

Under the scheme of community polytechnic, Govt. Polytechnics, Sundernagar and Government Polytechnic, Hamirpur in Himachal Pradesh have been identified as Community Polytechnics to act at focal points to solve the technological problems of masses and to promote transfer of technology to rural community.

The amount spent on various schemes during the 7th Five Year Plan is give below:-

Sr.No.	Scheme of Expenditure	Approved 7th Plan	(Rs. in Lakh) Actual Expenditure in 7th Plan.
1.	2.	3.	4.
1.	Strengthening of Directorate including staff salary & setting up of State Board of Tech. Education.	25.00	32.25
2.	Technical School.	37.00	21.82
3.	Polytechnics.	348.00	371.37
4.	Engg. College.	90.00	447.22
<b>TOTAL:</b>		<b>500.00</b>	<b>872.66</b>

**EIGHTH PLAN**  
**Continuing Schemes:**

During the Eighth Plan following schemes will be implemented brief writeup of these schemes is as below:-

### 1. Direction and Administration:

To implement the scheme of Technical Education, Engineering Education and payment of salaries etc. to the staff, appointed against posts created during 7th Plan, a sum of Rs. 35.00 lakh has been proposed during 8th Five Year Plan. Rs. 6.23 lakh has been provided during 1990-91 and Rs. 7.00 lakh is proposed for 1991-92.

### 2. Technical School:

To complete the works in progress in Junior Tech. School Kangra and for purchase of Machinery & Equipment funds to the tune of Rs. 4.70 lakh ( 0.20 and 4.50) lakh have been provided during 1990-91. The Junior Technical School, Kangra is proposed to be upgraded to Polytechnic under the Project for strengthening of Technician Education with World Bank assistance for which funds are being proposed under new schemes. Rs. 4.70 lakh has been kept for 8th Five Year Plan.

### 3. Polytechnics:

To make the payment of salaries for the posts created during 7th Five Year Plan and purchase of Machinery and Equipment Rs. 332.60 lakh have been proposed during 8th Plan, out of which Rs. 52.25 lakh has been provided for 1990-91 and Rs. 60.00 lakh has been proposed for the year 1991-92. This also includes provision of Centrally Sponsored Scheme proposed to be transferred to State Plan.

### 4. Buildings and Residences:

To complete the Building works in progress in different institutes for which rough cost estimates is about Rs. 557.40 lakh out of which Rs. 252.47 lakh has already been spent during 7th Five Year Plan, a sum of Rs. 304.93 lakh is needed, so provision of Rs. 304.93 lakh has been made during 8th Five Year Plan. Rs. 75.95 lakh have been provided during 1990-91 and Rs. 32.56 lakh have been proposed for 1991-1992.

### 5. Scholarships:

The department is awarding Scholarships to the students of Degree and Diploma in Engineering Course for which expenditure during 7th Five Year Plan has been included in the expenditure shown against strengthening of Directorate. A sum

of Rs. 25.00 lakh has been proposed during 8th Five Year Plan. Keeping in view the approximate expenditure of Rs. 5.00 lakh has been provided for 1990-91 and Rs. 5.00 lakh has been proposed for 1991-92.

#### 6. Examinations:

The State Board of Technical Education has been set up during the 7th Plan. Keeping in view expansion of the State Board of Technical Education and Expenditure being incurred for conducting the examinations, the grant-in-aid is being provided to the board to the extent of difference of income and expenditure. Under this scheme Rs. 19.85 lakh has been incurred during 7th Plan as assistance to the Board, Rs. 85.00 lakh has been proposed to be provided during 8th Plan and Rs. 8.00 lakh for Annual Plan 1991-92 as Grant-in-aid to meet the expenditure for the conduct of examinations, strengthening of SBTE providing buildings offices, and staff residences etc. to the Board.

#### 7. Regional Engineering College:

The State Government has incurred an expenditure of Rs. 447.22 lakh for purchase of land and its development and for meeting the 50% recurring expenditure. Provision of Rs. 500.00 lakh has been proposed for 8th Five Year Plan and Rs. 100.00 lakh is proposed for 1991-92. For the Annual Plan 1990-91 an outlay of Rs. 85.00 lakh has been kept.

#### New Scheme:

A World Bank assisted Project for Strengthening of Technical Education in the Pradesh is proposed to be implemented in the State from 1991-92. The total cost of the Project is Rs. 1994.49 lakh out of which only Rs. 1602.77 lakh would be spent during the Eighth Plan period and an amount of Rs. 391.72 lakh would spill over to Ninth Plan; under this project 70% of the cost will be reimbursed by the Government of India/ World Bank. The emphasis on the Project will be on three components of capacity expansion, Quality improvement and Efficiency improvement. The component wise detail of the project is given below:

#### 1. Capacity Expansion:

The total cost of this component is Rs. 1021.30

lakh out of which Rs. 589.99 lakh is for Capital outlay.

2. Quality Improvement:

The total cost of this component is Rs. 772.78 lakh out of which Rs. 158.99 lakh is for Capital outlay.

3. Efficiency Improvement:

The total cost of this component is Rs. 200.41 lakh out of which Rs. 42.33 lakh is for capital outlay.

Out of the total cost of above three components, which is Rs. 1994.49 lakh the expenditure of Rs. 391.72 lakh is to be carried over to 9th Five Year Plan. So the proposed outlay for 8th Five Year Plan has been kept at Rs. 1602.77 lakh. The breakup of the proposed outlay of each institution is given as under:-

	<u>(Rs. in Lakh)</u>
1. Directorate	223.42
2. Technical School, Kangra	318.70
3. Govt. Polytechnics Sundernagar	311.23
4. Govt. Polytechnic Hamirpur.	245.15
5. Govt. Polytechnic Rohroo.	209.17
6. Govt. Polytechnic for Women Kandaghat	240.96
7. State Board of Technical Education.	52.14
TOTAL:-	<u>1602.77</u>

Rs. 210.44 lakh has been proposed for 1991-92 as per break up shown against each institutions:-

	<u>(Rs. in Lakh)</u>
1. Directorate	25.56
2. Jr. Technical School Kangra	12.60
3. Govt. Polytechnic Sundernagar	37.79
4. Govt. Polytechnic Hamirpur.	51.38
5. Govt. Polytechnic Kohroo.	39.41
6. Govt. Polytechnic for Women Kandaghat	41.59
7. State Board of Technical Education.	2.21
TOTAL:-	<u>210.44</u>

CRAFTSMAN TRAINING:

The main aim of the craftsman training scheme is to impart Vocational Training through Industrial Training Institutes and to make available skilled craftsmen in different trades, in accordance with the demand of industry.



It has great potential for adding value to industrial products and services 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 sea 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 make it more purposeful and effective to accelerate the process of National Development, National Integration and reduction of un-employment. 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/ technology, Industry Institute Interaction Modernisation and 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 terms 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 ITI for Physically Handicapped, 14 Industrial Training Institutes for Women. These Institutes are imparting craftsmen level training in different engineering and non-engineering trades. These institutes are located at Mandi, Solan, Chamba, Shahpur, Shamshi, Shimla, Jubbal, Rampur, Nadaun, Neharmpur, Nalagarh, Bilarpur, Pauntasahib, Una, Recong Peo and Sundernagar Industrial Training Institute 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, Deeg, Kasauli, Bilaspur, Una, Recong Peo and Dharmshala,

#### ACHIEVEMENTS DURING THE 7TH PLAN:

Keeping in view the importance of craftsmen training the Seventh Plan outlays under Craftsmen Training scheme was six times more than the 6th Plan allocation

The major thrust during 7th Plan has been to rationalised the training programme to take care of the man-power requirement in the public and private sectors of the State. Seventh Plan mainly highlighted the consolidation and updating of the training programmes. The major achievement in the State was that all the technical institutes in the State such as Industrial Training Institutes which were so far functioning under different departments of Industry and labour employment and training department were fused together and brought under one umbrella and the existing department of Technical Education was redesignated as department of Technical Education, Vocational and Industrial Training.

Rural Industrial Training Institute and Girls Industrial Training Institutes were redesignated as 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 physical Handicapped was established during the beginning of the 7th Plan.

Training of staff, removal of obsolescence and deficiencies of machinery and equipment, Introduction of new trades and providing additional accommodation to the Institute was taken care of during the period with the funds available. Against the 7th Five Year Plan approved outlay of Rs. 100 lakh which also includes Rs. 15 lakh, for Tribal sub-Plan, expenditure of Rs. 295.93 lakh including Rs. 34.01 lakh for Tribal Sub-Plan was incurred during 7th Plan as per scheme wise detail given below:-

	<u>(Rs. in Lakh)</u>
1. Strengthening of Directorate (Training Wing)	4.01
2. Craftsmen Training Scheme:	
i) Salary Rs. 44.80 lakh.	257.91
ii) C/O Building 141.57 lakh.	
iii) Purchase of equipment 71.54	34.01
TOTAL:	<u>295.93</u>

As per Guide Lines for formulation of 8th Five Year Plan 1990-95 and Annual Plan 1991-92, the emphasis has been to provide funds on on-going schemes and to complete the

Construction works in progress which have been started during 7th Plan. The new schemes have been introduced under the World Bank Assistance for Strengthening of ITI's for which World Bank shall provide the expenditure on 50:50 basis. Accordingly 8th Plan has been proposed for continued schemes Rs. 1360.00 lakh. The brief write-up of the schemes is as given below:-

**1. Training Wings:**

**i) Strengthening of Directorate of Technical Education:**

Due to upgradation of all RITIs and GITIs into Industrial Training Institutes and Industrial Training Institutes for Women and their affiliation with National Council of Vocational Training, the work load of Craftsmen Training Wing of the Directorate which exercises the control over 31 Institutions has increased many folds. An expenditure of Rs. 4.01 lakh was incurred on salary of the posts which were created during 7th Five Year Plan. These posts are to continue in the 8th Five Year Plan. To meet the expenditure of these posts during 8th Plan, Rs. 7.20 lakh has been kept 1990-91 and Rs. 1.78 lakh has been proposed for the year 1991-92.

**2. Craftsmen Trainings:**

**1) Salaries:**

The expenditure of Rs. 44.88 lakh was incurred during 7th Plan for the posts created during this period. To meet the expenditure on these posts an outlay of Rs. 101.75 lakh has been proposed during 8th Plan, Rs. 10.61 lakh has been provided for the year 1990-91 and Rs. 12.35 lakh has been proposed for the year 1991-92.

**ii) Buildings, Residences and Hostels, etc. in different ITIs:**

The approximate cost for the completion of Buildings, Residences and Hostels etc. where the work is in progress is about Rs. 679.00 lakh. Out of which Rs. 141.51 lakh has been spent during 7th Plan. Balance amount of Rs. 538.43 lakh has been proposed for the 8th Plan so that all the works are completed during 8th Plan. Accordingly Rs. 83.45 lakh have been provided during the year 1990-91 and Rs. 79.36 lakh proposed for the year 1991-92. This outlay also includes outlay on Centrally Sponsored Schemes for upgradation and

modernisation of ITI's.

iii) Purchase of deficit equipment and modernisation:

About Rs. 500.00 lakh are required to purchase of deficit equipment for modernisation of different ITIs. Out of which Rs. 71.54 lakh have been spent during 7th Plan. The assistance for replacement of machinery and equipment is being provided under World Bank Scheme on 50:50 basis for which proposal is being included in new schemes. For purchase of deficit equipment a provision of Rs. 201.73 lakh have been proposed during 8th Plan out of which Rs. 11.00 lakh has been provided during the year 1990-91 and no budget provision is being proposed for the year 1991-92 as funds are required to be provided for modernisation and other schemes under World Bank Assistance. The funds provided to the tune of Rs. 11.00 lakh will also be met to meet the 50% liability under World Bank Scheme for the year 1989-90 as State Share. A provision of Rs. 200.00 lakh on account of Centrally Sponsored Scheme has also been built for the Eighth Plan under this scheme for being transferred to the State Plan.

3. Imparting of Vocational Training & ITI level and Strengthening of existing ITIs under World Bank Aided Projects:

The schemes approved to be implemented with the assistance of the World Bank, by the Director General of Employment and Training Government of India, Ministry of Labour New Delhi include schemes are improving the quality of training and for expansion of the training facilities and the expenditure on the schemes under World Bank Aided Project/ is to be shared on 50:50 basis by State and Centre Government. The total cost of the project works out to Rs. 517.64 lakh which also includes Rs. 81.30 lakh spent during 7th Plan under the Central Assistance received from the Government of India. It is proposed to spend Rs. 436.64 lakh during 8th Plan out of which 50% share of Rs. 218.32 lakh have been proposed for 1990-95 which includes Rs. 11.54 lakh for strengthening of Directorate for establishing State Project implementation Unit in the Directorate, Rs. 1.62 lakh provided during 1990-91 for setting up of State Project Implementation Unit in the Directorate and Rs. 52.22 lakh for other schemes of Craftsmen Training under this scheme Rs. 2.94 lakh for SPIU and Rs. 41.57 lakh for other proposed schemes for 1991-92 which is

50% share of Rs. 89.01 lakh approved by the Government of India for the year 1991-92.

**4. Buildings:**

ITI's for Women Kasauli is at present functioning in Inn. The building is in a dilapidated condition and causing danger to the trainees and the staff. For the running of the institute, it is absolutely necessary to provide new building. The department has already procured land for the purpose. To start the work Rs. 2.00 lakh has been provided during 1990-91 against the total estimated cost of Rs. 13.12 lakh of proposed building which is proposed for 8th Plan a provision of Rs. 5 lakh has been proposed for the year 1991-92.

**Tribal Sub-Plan:**

To provide Vocational Training to the students of Tribal Areas of the State one ITI has been established at Recong Peo in District Kinnaur and for students belonging to other Tribal Areas i.e. Lahaul-Spiti, Pangi and Bharmour, the additional seats have been provided at ITI Shamshi, Shahpur, Chamba, and ITI for Women Dharmsala Rs. 34.01 lakh were spent during 7th Plan while a provision of Rs. 79.45 lakh has been kept for 8th Plan. Out of which Rs. 18.00 lakh has been provided for 1990-91 and Rs. 18.00 lakh for the year 1991-92.

## YOUTH SERVICES AND SPORTS.

The separate department of Youth Services and Sports came into being in the year 1982-83. Prior to it the activities under this head were being attended to by the Education Department. At the time of its transfer a total number of twenty four posts were created including that of a Director. Thereafter fifty four 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 :-

### 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 coordination 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.

### SPORTS:

- a) To provide infrastructure facilities for sports in the rural and urban areas.
- b) To provide winder 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. 400.00 lakh the actual expenditure reported is of the order of Rs. 427.53 lakh. With this investment ten stadium were built, one hundred and fourteen play fields prepared and one District Youth Centre established. In fact the physical programme under this head was achieved during Seventh Plan only. Prior to it, the activities of the department were confined only to headquarter level.

To keep up the pace of development and to complete the ongoing works as well as to start new works an outlay of Rs. 875.00 lakh and Rs. 130.00 lakh has been proposed for the eighth plan and Annual Plan 1991-92. It also includes an outlay of Rs. 65 lakh and Rs. 15.00 lakh for eighth plan and Annual plan 1991-92 on account of the provision of Centrally Sponsored Scheme being built the State Plan. For the Annual Plan 1990-91 an outlay of Rs. 65.00 lakh has been kept.

With the above proposed outlay the following activities will be taken up under this head :-

**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, a provision of Rs 102.20 lacs has been kept during the 8th Plan period, of which Rs. 19.00 lakh has been proposed for the Annual Plan 1991-92. For the Annual Plan 1990-91 an outlay of Rs. 7.98 lakh has been kept under this scheme.

## 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 8th 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 plan period.
- c) 100 participants per district will be coached in the year 1991-92. With effect from 1992-93 the number of participants will be increased to 160 per district.



A provision of Rs. 32.80 lakh has been kept for this purpose during the 8th Plan of which Rs. 4.15 lakh has been proposed for Annual Plan 1991-92. For the Annual Plan 1990-91 an outlay of Rs. 4.15 lakh has been kept.

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 7th five year plan. During the 8th Five Year Plan period it is proposed to provide stipend to 15 trainees undergoing training at National Institute of Sports, Patiala @ Rs. 200/- per month for 12 months. A provision of Rs. 30,000/- per year has been provided during the 8th Plan of which Rs. 0.30 lakh has been proposed for Annual Plan 1991-92.

4. Sports Scholarships to Non-Students:

So far outstanding players studying in Educational Institutions have been getting sports scholarships from Education Department. But the deserving players who were non-students were deprived of this facility. In order to accommodate these non-student players, the department has instituted sports scholarships for them in order to cater to their requirements of diet. No provision has been made in the annual plans 1990-91 and 1991-92 for this scheme on account of resource constraint, but for the eighth plan an outlay of Rs. 3.60 lakh has been proposed which will be spent in the last three years of the plan period.

5. Run for Fun (Cross Country Races)

During first 3 years of the 7th 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 had 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 8th plan period in a big way. The main features of the scheme will be :-

- a) Races will be organised in 3000 meters and 5000 meters for boys and girls in the age groups of 13-16 years 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 plan period. The daily will be enhanced to Rs. 40/- per head per day for the last 2 years of the plan period.

75 persons per district will be covered during the year 1991-92 & 1992-93 and in the last 2 years of the plan period 100 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. 12.35 lakh is proposed for the eighth plan, of which Rs. 2.40 lakh is for Annual Plan 1991-92.

6. Mobile Coaching Camps:

A provision of Rs. 2.40 lakh is proposed to be utilised during the eighth Plan and Rs. 0.60 lakh for the Annual Plan 1991-92 for giving incentives to upcoming players for attending mobile coaching camps. For the plan period the incentive is proposed to be given @ Rs. 5/- per head per day. Under this scheme each Coach will organise at least one mobile coaching camp for 10 days duration in a year for 15 participants.

7. Construction of District & Utility Stadia:

Presently 29 stadia/gymnasias/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 lacs by the Centre. The state component of Rs. 95.40 lakh for the eighth plan and Rs. 14.00 lakh for the Annual Plan 1991-92 has been kept for approval.

8. Construction of playfields:

The department has a scheme to construct playfields primarily in the rural areas and for schools. In the 8th Five Year Plan, the Department proposes to impose a condition that the playfield will be constructed where a school exists. The idea is to make the existing structure of land fit for playing without raising a heavy infrastructure in terms of tiers, pavilion etc. The students and the youth of the area should get some level land to play. During the 8th Plan period, it is proposed to construct one playground in each district of the Pradesh at a cost of Rs. 30,000/- each. A total provision of Rs. 14.40 lakh is proposed for the 8th Plan and Rs. 3.60 lakh for the Annual Plan 1991-92.

9. Purchase of Sports Equipments:

The department has established District Sports Coaching Centres in every district hqrs. with a view to providing coaching facilities to the talented sports persons of the distt. 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 enrol for coaching in these Centres. The demand of sports equipment to these centres is increasing. It is proposed to spend Rs. 17.15 lakh on this scheme during 8th Plan of which Rs. 2.75 lakh has been proposed for Annual Plan 1991-92.

10. State liability on account of High Altitude Training Centre at Shilaroo:

The Sports Authority of India is constructing a High Altitude Training Centre at Shilaroo. This is an ambitious project comprising of 400 meters athletic track, a hockey field a hostel with capacity of 100 beds and 2 indoor halls. As per the agreement between the Department of Youth Services & Sports and the Sports Authority of India the State Govt. will share the cost on account of the lift water supply scheme which is likely to cost Rs. 17,06,000/- , of this the State has to provide Rs. 7,06,000/-. Out of this an amount of Rs. 5 lacs has already been released to the IPH department and it is proposed to provide Rs. 2,06,000/- during the year 1991-92. For the eighth Plan period an outlay of Rs.3.06 lakh has been proposed under this head.

YOUTH SERVICES

11. 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 the National Youth Days at 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.

It is proposed to provide a grant of Rs.41.30 lacs to the Board during the 8th Plan period and a grant of Rs. 7.00 lakh during 1991-92.

12. 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. 9.74 lakh and Rs. 1.95 lakh has been proposed for eighth plan and Annual Plan 1991-92.

13. Organisation of Work Camps:

The Department has introduced this scheme with the following objectives in mind :-

- 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 8th Five Year Plan period.

A total provision of Rs. 14.80 lacs is proposed for the 8th Plan of which Rs. 2.50 lakh is for Annual Plan 1991-92

14. Construction of Youth Centre-cum-sports and cultural Complex, Shimla:

The department has taken up the construction of Indira Youth Centre-cum-Sports and Cultural Complex in Shimla town. The centre will be provided with the facilities of an Auditorium equipped with modern acoustics having capacity of 1000 seats, conference hall, a gymnasium. 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 crores. Of this Rs. 1.16 crores has already been released to the Public Works Department. Assuming a completion span of 5 years with 15% escalation on the balance amount of Rs. 3 crore. A sum of Rs. 80 lacs is to

be provide every year with effect from 1991-92. However, it is not possible for the Department of Youth Services & Sports to meet the expenditure entirely with its own budget. Hence an outlay of Rs. 69.00 lakh has been proposed for Eighth Plan of which Rs. 17.00 lakh is for Annual Plan 1991-92

15. Construction of District Youth Centres:

The Department has taken up the construction of Youth Centres at Bilaspur and Dharamsala. The construction of Dharamsala Youth Centre has been taken up at the estimated cost of Rs. 20 lakh in the year 1989-90. No funds could be provided for this during 1990-91. It is also proposed to take up the construction of a Youth Centre at Mandi which will begin in the year 1993-94 and will be completed in the year 1994-95. For this work an outlay of Rs. 46.54 lakh has been proposed for the Eighth Plan of which Rs. 2.00 lakh is for Annual Plan 1991-92.

16. Publicity:

The department feels it necessary to give publicity to its programmes. It is proposed to keep a provision of Rs.0.40 lakh during the 8th Plan period.

17. Purchase of Camping Equipments-cum-Track suits:

The department organises scheme which involves participation of number of youth and sports-persons at one particular place. Arrangements for the boarding and lodging have to be made. The department spends a lot of money on paying rent for providing shamianas, daris, utensils for cooking, public address system etc. It is proposed that the District Sports Officers should have sufficient camping equipment for 100 persons at a given point of time in their stock. The items which have been listed as essential for a Centre on this account are as detailed below :-

1. Shamiana
2. Daris
3. Public Address System
4. Musical Instruments
5. Utensils
6. Trunks
7. Sleeping bags.

A provision of Rs. 6.30 lacs is proposed for this purpose for the eighth plan.

18. National Service Scheme:

This scheme is implemented through the Colleges affiliated to Himachal Pradesh University, Himachal Pradesh Agriculture University and Himachal Pradesh Horticulture University. Its objective is to enable the 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 and an outlay of Rs. 16.09 lakh has been proposed under this scheme of which Rs. 3.29 lakh is for the Annual Plan 1991-92.

19. Direction & Administration:

A provision of Rs. 158.77 lakh has been proposed under this head 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. 28.70 lakh has been proposed for Annual Plan 1991-92.

20. Rural Sports Centres:

This scheme was being run with the assistance of the Govt. of India during the 7th Five Year Plan. It is proposed to run the centres in the rural areas at the Block hqs during 8th Plan as well, out of the state budget. Under the scheme the Coachess (both the departmental and NIS) who will be the Incharge of the centre will be provided equipment for running of the centre. An outlay of Rs. 12.05 lakh has been proposed for Eighth Plan of which Rs. 2.60 lakh is for Annual Plan 1991-92.

B. New Schemes :

The following new schemes are proposed to be undertaken during 8th Plan for which an outlay of Rs. 150.45 lakh has been proposed.

1. Maintenance, operation and provision of staff for Youth Hostels, Dalhousie, Manali and Bilaspur:

As per the existing scheme of the Government of India Youth Hostels are constructed at important places in the State.



The total construction of the cost is borne by the Central Govt. as also the salaries of the Warden and Asstt. Warden. Further the recurring expenses on maintaining them are to be borne by the State Govt. The Youth Hostel at Dalhousie is already functional. The construction of the Youth Hostel at Bilaspur has been started and is likely to be completed by mid of 1991-92. The construction of Youth Hostel at Manali will be taken up during 1990-91 and will be completed in a span of 1/2 year. An outlay of Rs. 4.81 lakh has been proposed under this scheme for Eighth Plan.

2. Construction of Sports Hostel at Nahan:

The Sports Authority of India has a scheme to set up a Sports Hostel for every State. The idea is to provide specialised training to sports persons. The scheme was started a few years back in the year 1985-86 and the Sports Authority of India approached the H.P. Govt for starting a Sports Hostel. The immediate possibility was to house it in the existing building of the Dist Youth Centre at Bilaspur. Activities of Sports Hostel, Bilaspur had increased and the accommodation available in the District Youth Centre is inadequate. It has been administratively approved to shift the Sports Hostel of the Sports Authority of India to Nahan. As per the agreement the State Government is to provide the land and building and the Sports Authority of India is to provide the staff and the recurring expenses including charges on account of boarding of the sports-persons admitted to the Hostel. The site has been selected at Nahan and the work for constructing the Sports Hostel is to be taken in hand. A total provision of Rs. 50 lacs is proposed for this purpose during the Eighth Plan.

3. Establishment of Sports Project Development Area:

This is again the scheme of Sports Authority of India. It is proposed to provide a sports project development area over 100 blocks. It has been decided to locate the sports project development area in Kangra. As per the norms the total cost on SPDA comes to Rs. 1 crore. Of this Rs. 50 lacs is State share and the balance Central share.

Neither of these above 2 schemes i.e. Sports Hostel at Nahan and establishment of Sports Project Development Area are to be constructed under the centrally sponsored schemes. Its liability is to be transferred to the State Plan on account of carry out of the work to the 8th Five Year Plan. They will continued to be implemented as per the existing norms as per the specified ratio between the Central and the State Govt. Accordingly an outlay of Rs. 50.00 lakh has been proposed for Eighth Plan.

4. Construction of Indoor Ice Skating Rink in Shimla:

Shimla has the distinction of being one of the only city in the country to have an Ice Skating rink. Skating season is available for 2-3 months in a year. Himachal has the possibility of taking good care of Ice Skating, while the activity of the sports of skiing is being taken care of by the Mountaineering Institute, Manali. It is proposed to set up an Indoor Ice Skating Rink at Shimla with all facilities such as snow machines etc. in order to provide training/attraction for tourists all the year. It is proposed to make the provision of Rs. 30.49 lakh during the 8th Five Year Plan under this scheme.

5. Setting up of Sports Wings:

It is necessary to offer specialised training to selected sports persons to achieve the objective excellence in sports. The Education Department has already set up Sports Hostels in schools at some places. However, when the students pass out from the schools, there is no specialised position in the Colleges. To bridge this gap and provide training the Sports Department proposes to open up sports wings in colleges at Shimla, Mandi and Dharamsala. The Sports Wing at Shimla will provide coaching in the disciplines of volleyball and boxing for 30 sports persons. At Kangra in Basketball and Hockey (Women) to 40 persons and at Mandi in Athletic and Cricket to 45 persons. The department will meet the expenses on account of boarding, providing equipment, kit etc. The lodging will be provided by the concerned Institution. The total liability on this account is estimated to Rs. 15.15 lakh which is proposed to be approved for Eighth Plan.

### C. Centrally Sponsored Scheme:

Presently 29 stadia/gymnasias and 7 playfields are under construction. The Stadiums are being constructed with the financial assistance from the Government 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. Of these 36 schemes 7 works i.e. construction of stadia at Nahan, Lehana, Chopal, Suni, Rajgarh, Sultanpur and Nurpur have been taken up solely out of the State budget. This implies that construction of 22 stadia/gymnasias/swimming pool and 7 playfields has been taken up under the Centrally Sponsored Scheme for providing infrastructure in the State. The total amount due as share of the Centre to complete these works on the basis of estimated cost of completion is Rs. 81,20,174/- . However, a provision of Rs. 65 lakh only has been kept in order to meet the liability on account of transfer of centrally sponsored schemes continuing into the 8th Five Year Plan period.

ART AND CULTURE

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.

During the 7th Plan 1985-90, an outlay of Rs. 300 lakh was approved, against which the expenditure incurred during the 7th Plan was Rs. 511.78 lakh. An outlay of Rs.98.00 lakh has been approved for the Annual Plan 1990-91. For 8th Plan and Annual Plan 1991-92 an outlay of Rs.675.00 lakh and Rs. 115.00 lakh has been proposed respectively. This also includes a provision of Rs.22.00 lakh for 8th Plan and Rs. 4.50 lakh for Annual Plan 1991-92 on account of Central share build in the 8th Plan for its being transfer to State Sector.

1. Promotion of Languages:

The 7th Plan outlay under this head of Gov. was Rs. 76 lakh. Against this the ex. incurred during 7th Plan was Rs. 96.35 lakh. An outlay of Rs. 23.34 lakh has been kept for the Annual Plan 1990-91. For the 8th Plan and Annual Plan 1991-92 an outlay of Rs. 172.70 lakh and Rs. 27.20 lakh has been proposed respectively. The schematic financial details under this head is depicted in the following table:

(Rs. in Lakh)

Scheme	7th Plan		Approved outlay 1990-91	Proposed outlay	
	outlay	Exp.		1991-92	8th Plan
1.	2.	3.	4.	5.	6.
1. Direction & Administration	10.00	50.09	25.34	17.20	106.00
2. Awards.	5.00	3.60	1.00	1.00	6.70

1.	2.	3.	4.	5.	6.
3. Grants-in-aid to literary Institution.	1.50	2.35	-	-	-
4. Publications (Monographs)	7.00	12.72	4.00	4.00	20.00
5. Celebration of Hindi/Sanskrit/Urdu diwas.	5.00	4.86	1.00	1.00	6.00
6. Introduction of modern techniques and implements.	1.50	1.78	0.50	0.50	4.00
7. Writers homes at Dharamsala/Mahdi/Solan & Una.	2.00	1.57	0.50	1.00	9.00
8. Sanskrit Bhawan at Shimla.	32.00	-	1.00	1.00	5.00
9. Directorate Buildings.	2.00	14.00	3.50	-	5.00
10. Language & Cultural Survey (creative chair History of Freedom fighters)	2.00	5.38	1.00	1.00	6.00
11. Winters home at Shimla.	-	-	0.50	0.50	5.00
<b>TOTAL:-</b>	<b>76.00</b>	<b>96.35</b>	<b>28.34</b>	<b>27.20</b>	<b>172.70</b>

## 2. Promotion of art and cultures

The Seventh Plan outlay under this head of development was Rs. 37 lakh. Against this, the actual expenditure incurred during the plan period was Rs. 261.99 lakh. An outlay of Rs. 13.13 lakh has been kept for annual plan 1990-91. For the 8th Plan and Annual Plan 1991-92 an outlay of Rs. 168.35 lakh and Rs. 29.78 lakh has been proposed respectively. The schematic details under this head is depicted in the following table:- (Rs. in Lakh)

Scheme	7th Plan outlay	8th Plan Exp.	Approved outlay 1990-91	Proposed outlay 1991-92	8th Plan
1.	2.	3.	4.	5.	6.
1. Staff.	5.00	0.14	0.67	0.82	10.00
2. Grant-in-aid to H.P. Academy of Art & Culture.	2.00	30.26	8.00	12.00	70.00

1.	2.	3.	4.	5.	6.
3. Exp. on festivals (cosmopolitan cities)	5.00	5.88	1.00	2.00	8.00
4. All India Level festivals.	2.00	6.35	1.00	2.00	10.00
5. Celebration of fairs.	1.75	4.16	1.00	1.00	9.00
6. Inter State Exchange of Cultural Troupes.	2.00	7.85	0.50	1.00	5.00
7. Scholarships.	3.85	2.20	0.40	0.50	4.00
8. Competitions.	3.95	5.36	0.70	1.50	6.00
9. Maintenance of Kala Kendras.	1.00	0.90	0.40	0.50	3.00
10. C/O Kala Kendra Dharamsala	2.00	7.25	0.25	0.25	2.00
11. Cultural Troupes to Foreign countries.	1.00	0.37	-	0.50	4.00
12. Grant-in-aid to Art & Cultural Organisation.	3.00	32.34	-	-	-
13. Workshops performing Art/Plastic Art/Fine Art.	-	5.62	0.40	0.60	6.00
14. Films on culture of H.P.	2.50	-	-	-	-
15. Assistance to Artists in indigent circumstances.	-	0.27	0.10	0.10	0.80
16. Children Doll Museum/Library and Film.	-	2.15	0.30	0.50	3.00
17. Sponsored Programme.	-	0.23	-	1.00	4.00
18. North Zone culture Centre.	-	99.00	1.00	1.00	2.50
19. Renovation of Gaiety Theatre.	-	46.66	0.50	1.00	11.00
20. Chair on Performing Art/Naritya Natike.	-	5.00	0.70	1.00	5.00
21. Setting up of Kachna Gram at Andereta/Shimla.	-	-	-	0.50	1.05

1.	2.	3.	4.	5.	6.
22. Mini Bus for Artists and equipments.	2.00	-	1.00	1.00	2.00
23. C/O Kala Kendra Mandi.	-	-	0.25	0.50	2.00
24. Centrally Sponsored Scheme Assistance to persons in indigent circumstances.	0.26	-	1.01	0.21	1.05
<b>TOTAL:</b>	<b>37.00</b>	<b>261.99</b>	<b>18.17</b>	<b>29.27</b>	<b>168.35</b>

### 3. Archaeology:

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 outlay of Rs. 17.27 lakh has been kept for Annual Plan 1990-91. For 8th Plan and Annual Plan 1991-92 an outlay of Rs. 106.00 lakh and Rs. 18.63 lakh has been proposed respectively. The schematic details under this head is depicted as under:

Schemes	(Rs. in Lakh)				
	7th Plan outlay	7th Plan Exp.	Approved outlay 1990-1991	Proposed outlay 1991-92, 8th Plan	
1.	2.	3.	4.	5.	6.
1. Staff.	5.00	12.62	6.54	7.40	45.00
2. Film on objects of Archaeological importance.	2.50	-	-	-	-
3. GIA to temples for upkeep.	8.00	2.94	1.00	1.00	8.00
4. Exploration and excavation.	7.00	3.20	1.50	1.00	8.00
5. Repairs of old historical Temple and Monuments.	63.00	20.38	5.00	5.00	30.00
6. Monographs on Archaeology.	4.00	0.70	0.25	0.50	2.00
7. Jenuka Development Board.	-	2.00	1.00	0.40	5.00
8. GIA to Shima Kali Temple.	-	3.54	1.18	1.18	6.00

1.	2.	3.	4.	5.	6.
9. Installation of Statues.	-	22.03	0.80	2.00	2.00
<b>TOTAL:</b>	<b>89.50</b>	<b>67.41</b>	<b>17.27</b>	<b>18.48</b>	<b>106.00</b>

#### 4. Archives:

The Seventh Plan outlay under this head of development was Rs. 22.50 lakh, against this, the expenditure incurred during the 7th Plan was Rs. 10.80 lakh. An outlay of Rs. 5.72 lakh has been kept for Annual Plan 1990-91. For the 8th Plan and Annual Plan 1991-92 an outlay of Rs. 77.95 lakh and Rs. 10.54 lakh has been proposed respectively. The schematic details under this head is depicted as follow:

Schemes	(Rs. in Lakh)				
	7th Plan outlay	7th Plan Exp.	Approved outlay 1990-91	Proposed outlay 1991-92 8th Plan	
1.	2.	3.	4.	5.	6.
1. Staff.	5.00	3.74	2.42	3.25	22.00
2. Preservation of Records.	6.00	2.27	0.45	0.50	5.00
3. Preservation of manuscripts.	2.50	2.22	0.25	0.40	5.00
4. Setting up of library.	-	0.59	0.10	0.20	4.00
5. C/O Archives Buildings	7.00	-	1.00	-	5.00
6. Seminars on Archives.	-	0.64	0.20	0.40	5.00
7. Slide Archives.	2.00	0.34	0.30	0.50	5.00
8. Material for Dev. of Archives	-	1.00	1.00	1.00	6.00
9. Centrally Sponsored Scheme Material for Dev. of Archives.	-	-	-	4.29	20.95
<b>TOTAL:-</b>	<b>22.50</b>	<b>10.80</b>	<b>5.72</b>	<b>10.54</b>	<b>77.95</b>

#### 5. Museums:

The Seventh Plan outlay under this head of development was Rs. 28.00 lakh, against this, the expenditure incurred during the Seventh Plan was Rs. 46.48 lakh. An outlay of



Rs. 10.50 lakh has been kept for Annual Plan 1990-91. For the 8th Plan and Annual Plan 1991-92 an outlay of Rs.77.00 lakh and Rs. 12.30 lakh has been proposed respectively. The schematic details under this development head is depicted in the following table:

Schemes	7th Plan outlay	7th Plan Exp.	Approved outlay 1990-91	Proposed outlay 1991-92	8th Plan
1.	2.	3.	4.	5.	6.
1. Staff.	8.00	8.94	5.80	6.70	38.00
2. Art objects for Himachal State Museums.	3.00	2.44	0.20	0.30	4.00
3. Art objects for Bhuri Singh Museum Chamba.	1.00	1.78	0.20	0.30	4.00
4. Art objects for Art Gallery Dharamasala.	3.00	1.90	1.00	1.00	8.00
5. Fellowship in Museum.	-	0.54	-	-	-
6. Documentation of Art objects.	3.00	-	0.30	1.00	5.00
7. A/A Art Gallery Dharamasala.	5.00	24.48	1.00	1.00	5.00
8. A/A to Administrative Block of Bhuri Singh Museum Chamba.	5.00	2.25	1.00	1.00	4.00
9. A/A to Himachal State Museum.	-	4.15	1.00	1.00	5.00
10. Sight Museums at various places in the State.	-	-	-	-	4.00
<b>TOTAL:</b>	<b>28.00</b>	<b>46.43</b>	<b>10.50</b>	<b>12.30</b>	<b>77.00</b>

#### 6. Tribal Sub-Plan:

The Seventh Plan outlay under this head of development was Rs. 47.00 lakh against this the expenditure incurred during the Seventh Plan was Rs. 56.24 lakh. An outlay of Rs.18.00 lakh has been kept for Annual Plan 1990-91. For the 8th Plan and Annual Plan 1991-92 an outlay of Rs 110.00 lakh and Rs. 15.50 lakh has been proposed respectively. The schematic

details under this development head is depicted in the following table:

Schemes.	(Rs. in Lakh)				
	7th Plan outlay	7th Plan Exp.	Approved outlay 1990-91	Proposed outlay	
				1991-92	8th Plan
<b>A. LANGUAGE DEVELOPMENT:</b>					
1. Dev. of Hindi.	9.50	2.07	1.11	1.20	10.00
2. Language and Culture Survey.	0.50	2.02	-	0.10	2.00
<b>B. PROMOTION OF ART AND CULTURE</b>					
1. Exp. on Archaeological Cell.	11.50	12.38	2.39	3.30	18.00
2. Grant-in-aid to Himachal Academy of Arts and Culture Fairs and Festivals.	15.00	10.58	5.55	3.70	28.00
3. Exp. on Archives/ Preservation of old Historical Traditions.	3.50	2.85	0.95	1.00	6.00
4. Exp. on Museum/ Art Gallery	7.00	-	2.00	0.20	5.00
5. Sight Museums in Tribal Areas.	-	-	1.00	1.00	6.00
6. Terraces at Manimahesh.	-	2.00	0.50	1.00	5.00
7. C/O Kala Kendra at Kaza.	-	-	0.60	0.50	5.00
8. Dev. of Beas Temple.	-	4.30	-	-	-
9. Beautification of Chaurasi Temple.	-	7.30	1.00	0.50	5.00
10. Bachat Bhawan at Recong Peo.	-	6.40	-	-	-
11. Kala Kendra at Recong Peo/	-	3.50	1.40	1.50	5.00
12. Dev. of Durga Temple at Kothi.	-	0.90	-	-	-
13. Dev. of Durga Temple Ropa.	-	1.00	-	-	-
14. Repair of Kamroo Fort.	-	0.94	0.50	0.50	5.00

1.	2.	3.	4.	5.	6.
15. Repair of Moorang Fort.	-	-	0.50	0.50	5.00
16. Beautification of Tabo Monastery.	-	-	0.50	0.50	5.00
<b>TOTAL:</b>	<b>47.00</b>	<b>56.24</b>	<b>18.00</b>	<b>15.50</b>	<b>110.00</b>

**7. Centrally Sponsored Schemes:**

For the Eighth Plan following Centrally Sponsored Schemes have been proposed for approval. The expenditure incurred during 7th Plan and proposals for the Eighth Plan has been depicted in the following table:

Schemes	(Rs. in Lakh)			
	7th Plan Exp.	Approved outlay 1990-91	Proposed outlay 1991-92	8th Plan
1.	2.	3.	4.	5.
1. Assistance to persons in indigent circumstances.	0.26	-	0.21	1.05
2. Material for Development of Archives.	-	-	4.28	20.95
<b>TOTAL:</b>	<b>0.26</b>	<b>-</b>	<b>4.50</b>	<b>22.00</b>

OTHERS:

a) Mountaineering and Allied Sports:

The Seventh Plan approved outlay under this head of development was Rs. 100.00 lakh against which an amount of Rs. 116.81 lakh was spent. The approved outlay during 1990-91 is Rs. 40.00 lakh for the 8th Plan and Annual Plan 1991-92 an outlay of Rs. 270.00 lakh and Rs. 50.00 lakh has been proposed respectively. The schematic details are as under:-

(Rs. in Lakh)						
Sr.No.	Name of Scheme	Seventh Plan		Approved outlay 1990-91	Proposed outlay	
		Outlay	Exp.		1991-92	8th Plan
1.	2.	3.	4.	5.	6.	7.

A. Continuing Schemes:

1.	Augmentation of Directorate of Mountaineering & Allied Sports Manali Himachal Pradesh.	45.00	56.41	14.79	40.00	20.00
2.	Strengthening of Regional Mountaineering Centre Dharamsala.	13.00	10.73	3.05	26.00	3.90
3.	Strengthening of High Altitude Trekking-cum-skiing centre at Narkanda & Dalhousie.	8.00	4.32	2.77	28.45	4.10
4.	Hang gliding scheme	8.00	8.16	1.00	-	-
5.	Augmentation of Regional Water Sports Centre Pongdam & sub Centre Bilaspur.	6.00	18.22	10.39	115.55	16.00
6.	Strengthening of mountain Rescue and Training scheme at Jispa, Khoksar/Bharmour.	28.00	18.92	8.00	25.00	8.00
<b>TOTAL:</b>		<b>100.00</b>	<b>116.81</b>	<b>40.00</b>	<b>235.00</b>	<b>52.00</b>

(Rs. in Lakh)

B. NEW SCHEMES:

Sr.No.	Name of Scheme	Proposed outlay	
		8th Plan 1990-95	Annual Plan 1991-92
1.	2.	3.	4.
1.	Augmentation of Ski scheme at Sslang Nallah.	25.00	3.00
2.	Opening of New Mountaineering & Rescue Centre at Dalpa.	2.50	1.00

1.	2.	3.
3. Regulation of Trekking and Mountaineering in Himachal Pradesh.	2.50	1.60
4. Opening of Trekking and skiing centre at Kupand.	2.50	1.50
5. Opening of HAT and Skiing Centre at Chamma Hatti.	2.50	1.50
<b>TOTAL:</b>	<b>35.00</b>	<b>3.00</b>
<b>GRAND TOTAL A + B :</b>	<b>270.00</b>	<b>60.00</b>

b) GAZETTEERS:

Under this head an outlay of Rs. 20. lakh had been approved for the Seventh Five Year Plan. Against this, an expenditure of Rs. 19.20 lakh was incurred during the Seventh Plan. The approved outlay under this head for the year 1990-91 is Rs. 7.00 lakh. The proposed outlay for the 8th Plan 1990-95 and Annual Plan 1991-92 has been proposed Rs. 30.00 lakh and Rs. 6.00 lakh respectively.

## HEALTH:

### 1. ALLOPATHY:

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 onerous 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 3,000 in plains and 2,000 in tribal & hilly areas by 2000 AD and
- c) Establishment of one Community Health Centre for population of one lakh or one CD Block by 2000 AD.
- d) Apart from this, under the National Health Policy of the Government, it has been proposed to provide health for all by 2000 AD.

During the Seventh Plan an outlay of Rs. 1775.00 lakh was approved under this head against which the actual expenditure has been of the order of Rs. 3194.74 lakh. For the Eighth Plan & Annual Plan 1991-92 an outlay of Rs. 10248.00 lakh and Rs. 1530.00 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 905.00 lakh has been kept. The schematic details of the programmes to be undertaken during the plan period are depicted as under:-

### MINIMUM NEEDS PROGRAMME:

1. Construction of Health Sub-Centres/ Primary Health Centres and Community Health Centres with staff quarters.

The following buildings under construction during the

7th Five Year Plan 1985-90 have been spilled over to 8th Five Year Plan 1990-95:-

Spilled over Works under MNP:

1. Health Sub-Centres	- 150
2. Primary Health Centres	- 52
3. Community Health Centres	- 8
4. Rural Hospitals	- 2

The funds provided during the current financial year have been allocated for these continuing works. New construction of these buildings will be taken up in three Districts only viz; Kangra, Sirmour and Hamirpur. The New Health Sub-Centres, PHCs, CHCs and Rural Hospitals in other Districts will be constructed under UNFPA Project sanctioned under External aided Programme.

1. The Seventh Plan actual expenditure under this scheme was Rs. 390.37 lakh. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 400.00 lakh and Rs. 80.00 lakh has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 80.83 lakh has been kept.
2. Construction of Doctors Quarters at PHCs.  
102 Doctors Quarters at Primary Health Centres have been constructed under this Programme the funds for which were provided under Eighth Finance Commission Award. No funds for the such construction works have been provided during the Eighth Five Year Plan.
3. Provision for Minor Works:  
Special provision for urgent repairs of buildings etc. have been provided during the Eighth Five Year Plan. Under this scheme only such Buildings will be repaired which have been damaged due to natural devastation, such as storms, floods etc. There was no provision for this scheme during Seventh Plan. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 12.50 lakh and Rs. 2.50 lakh has been proposed. For the Annual Plan 1990-91 a provision of Rs. 2.50 lakh has been kept.
4. Construction of Health Sub-Centres/Primary Health Centres/Community Health Centres/ Rural Hospitals etc. under UNFPA Project. In the 1st Phase buildings of Primary Health Centres/ CHCs/Rural Hosps/ Health Sub-Centres were constructed in three Distt. viz Kangra, Hamirpur and Sirmour under USAID Area Development Project. Now in the Second phase another Area Project under

UNFPA has been sanctioned in April, 1990. Under this Project the following buildings in the remaining 9 Districts of the Pradesh will be constructed during Eighth Plan period:-

1. Health Sub-Centres	- 600
2. Primary Health Centres	- 45
3. F.H. Training Schools.	- 2
4. F.W. Training Centres	- 27
5. Regional FW Training Centres	- 1

The total project cost of this project is Rs. 3500 lakh. The State share of the Project is 10 percent. Accordingly a provision of Rs. 350.00 lakh has been proposed for the Eighth Plan. An outlay of Rs. 82.30 lakh has been proposed for Annual Plan 1991-92. For the Annual Plan 1990-91 an outlay of Rs. 54.00 lakh has been kept.

**5. UNFPA PROJECT Revenue Section(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. necessary provision has been made in the Eighth Five Year Plan 1990-95.

**6. Opening of Health Sub-Centres:**

The Health Sub-Centres opened under State Plan before 6th Five Year Plan are continuing under State Plan and have been spilled over to 8th Five Year Plan 1990-95. An expenditure of Rs. 199.27 lakh has been incurred under this scheme during Seventh Plan. An outlay of Rs. 260.00 lakh for Eighth Plan and Rs. 52.00 lakh for Annual Plan 1991-92 has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 49.64 lakh has been kept.

**7. Opening of Primary Health Centres:**

The Primary Health Centres opened during Sixth and Seventh Year Plan period (36 PHCs during 1980-85 and 79 during the Seventh Five Year Plan 1985-90) have been spilled over to 8th Five Year Plan. During Seventh Plan an expenditure of Rs. 328.56 lakh has been incurred. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 800.00 lakh and Rs. 144.20 lakh has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 131.27 lakh has been kept.

**8. Opening of Community Health Centres:**

The Community Health Centres opened during 6th Five Year Plan and Seventh Five Year Plan have been spilled over to 8th Five Year Plan. During Seventh Plan an expenditure of Rs. 109.92 lakh has been incurred. For the Eighth Plan and Annual Plan 1991-92 an



outlay of Rs. 226.00 lakh and Rs. 40.70 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 37.06 lakh has been kept.

**9. Strengthening of Services at PHCs (including Staff transferred from USAID)**

Additional posts sanctioned for the PHCs and the staff transferred from the USAID PROJECT are being paid under this Scheme. During the Seventh Plan an expenditure of Rs. 49.03 lakh has been incurred. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 83.00 lakh and Rs. 15.00 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 13.65 lakh has been kept.

**10. Continuing Expenditure on PHC-Bharmour;**

Primary Health Centre Bharmour was upgraded as Rural Hospital under Special Central Assistance for Tribal Area. During the Seventh Five Year Plan 1985-90 the Government of India did not agree for it under Special Central Assistance Programme. Therefore it has to be included in the State Plan. During Seventh Plan an expenditure of Rs. 15.00 lakh was incurred for this dispensary. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 32.50 lakh and Rs. 5.90 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 5.37 lakh has been kept.

**11. Multipurpose Workers Scheme under State Plan;**

The Health Sub-Centres are being opened under Family Welfare Programme, for which Female Health Workers are provided. But as per Govt. of India norms 2 Workers (LFHW and 1 MHW) are essential in the Health Sub-Centre for its smooth functioning. Therefore the salary of the Male Health Workers are being charged under this Scheme. During Seventh Plan an expenditure of Rs. 300.24 lakh has been incurred under this scheme. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 813.00 lakh and Rs. 146.40 lakh has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 133.23 lakh has been kept.

**II. OTHER THAN MINIMUM NEEDS PROGRAMME;**

**HOSPITALS AND DISPENSARIES;**

**1. Construction of District Hospitals/Hospitals and Civil Dispensaries Buildings with Staff Quarters;**

The following Buildings under Construction during the 7th Year Plan 1985-90 have been spilled over to 8th Five Year 1990-95;

**1. District Hospitals**

2. Civil Hospitals = 6  
 3. Civil Dispensaries =27

During the Seventh Plan an expenditure of Rs.503.03 lakh was incurred. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 211.00 lakh and Rs. 38.00 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 34.90 lakhs has been kept.

2. Provision for Minor Works: Necessary provision for Minor Works viz; Special repairs etc. of Hospitals and Dispensaries has been started with effect from 1990-91. Therefore a provision of Rs. 10.00 lakh has been made for Eighth Plan. For Annual Plan 1991-92 it has been proposed to the tune of Rs. 2.00 lakh.

3. Establishment of Civil Dispensaries: One Civil Dispensary opened under this Scheme during 1985-86 is continuing. Necessary provision for Salary, Materials & Supplies & Machinery & Equipments and Rent Rate Taxes etc. has to be made for the Eighth Plan as well. An Exp. of Rs.13.50 lakh has been incurred on this dispensary during the 7th Plan. For the 8th Plan and Annual Plan 1991-92 an outlay of Rs. 13.70 lakh and Rs. 2.50 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 2.14 lakh has been kept.

4. Providing of Additional Staff in Dental Clinics: Additional staff was provided in the Dental Clinics to provide better Dental services to the people. To meet with the financial provision under this scheme an outlay of Rs. 13.70 lakh and Rs.2.50 lakh has been proposed for 8th Plan & Annual Plan 1991-92. For the Annual Plan 1990-91 an outlay of Rs. 2.18 lakh has been kept.

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 amount of Rs. 14.26 lakh has been spent on this scheme during the 7th Plan period. An outlay of-Rs. 44.50 lakh and Rs. 8.00 lakh has been proposed for this scheme. For the 8th Plan & Annual Plan 1991-92. For the Annual Plan 1990-91 an outlay of Rs. 7.50 lakh has been kept under this scheme.

6. Strengthening of Services at District Hospitals/Hospitals and Zonal Hospitals:

Under this scheme the expenditure on additional sanctioned posts in Zonal hospitals/ District and Civil Hospitals is met. During the Seventh Plan period an amount of Rs. 209.42 lakh has been spent. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs.495.00

lakh and Rs. 91.00 lakh has been proposed. For the year 1990-91 an outlay of Rs. 83.24 lakh has been kept.

**7. Providing of additional staff/ Machinery & Equipments to Rural Hospitals;**

Under this Scheme necessary Machinery and Equipments are being provided to the Hospitals located in Rural Areas of the Pradesh. During Seventh Plan an amount of Rs. 10.75 lakh has been spent for the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 52.10 lakh and Rs. 9.00 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 8.55 lakh has been kept.

**III. TRAINING;**

The Schools of General Nurses and Male Health Workers have been opened under this Scheme. To meet expenditure under this head an amount of Rs. 37.81 lakh has been spent during Seventh Plan. For Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 105 lakh and Rs. 19.00 lakh has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 17.27 lakh has been kept.

**IV. OTHER PROGRAMME;**

**1. Establishment of Composite Testing Laboratory at Kandaghat;**

Composite Testing Laboratory has been established at Kandaghat. To meet the expenses of this laboratory an expenditure of Rs. 55.15 lakh has been incurred during Seventh Plan. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 67.00 lakh and Rs. 12.00 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 11.18 lakh has been kept.

**2. Strengthening of Services at Health Centre for Handicapped;**

A Health Centre for handicapped has been opened at Sunder Nagar. Necessary staff for Physiotherapy exercises has been provided in this centre. To meet its expenditure an amount of Rs. 1.83 lakh was incurred during Seventh Plan. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 3.20 lakh and Rs. 0.60 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlays of Rs. 0.55 lakh has been kept.

**3. Establishment of Drug Cell in the Health Directorate;**

A separate Drugs Cell has been established in the Health and Family Welfare Directorate. For meeting the expenditure on staff amount of Rs. 2.30 lakh spent during Seventh Plan. For the 8th Plan and Annual Plan 1991-92 an outlay of Rs. 7.00 lakh and 1.25

has been proposed respectively. For the Annual Plan 1990-91 outlay of Rs. 1.14 lakh has been kept.

Continuing Expenditure on the Directorate Staff:

Continuing provision for the staff sanctioned to Health Directorate under A.R. Units Report has been made for the 8th Five Year Plan as well. During Seventh Plan an amount of Rs. 25.80 lakh has been spent. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 88.00 lakh & Rs. 16.00 lakh has been kept.

Strengthening of Services at Civil Registration and Vital Statistics:

Vital Registration and Vital Statistics Cell has been opened in the Health Directorate which keeps the Accounts of Births and Deaths etc. in the Pradesh. Under this scheme an expenditure of Rs. 8.69 lakh has been incurred. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 20.28 lakh & 3.60 lakh has been proposed. For Annual Plan 1990-91 an outlay of Rs. 3.28 lakh has been kept.

Establishment of Mobile Units under Control of Blindness:

Two Mobile Units (One Each at Dharmshala and Bilaspur) were sanctioned under 100% CSS Scheme. These Units have been transferred to State Plan during the 7th Five Year Plan period. During the Seventh Plan an expenditure of Rs. 65.80 lakh was incurred under this head. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 129.32 lakh and Rs. 23.75 lakh has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 21.61 lakh has been kept.

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 with the expenditure under this scheme an amount of Rs. 22.33 lakh was spent. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 100.39 lakh and Rs. 18.00 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 16.39 lakh has been kept.

Establishment of Research, Monitoring and Evaluation Cell in the 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. On this cell an amount of Rs. 2.14 lakh was spent during Seventh Plan. For the Eighth Plan and Annual Plan

1991-92 an outlay of Rs. 5.00 lakh and Rs. 0.90 lakh has been proposed. An outlay of Rs. 0.83 lakh has been kept for 1990-91.

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 Head-quarters at Kalpa was established during the 6th Five Year Plan period 1980-85, for Touring the Areas as under:-

Pangi and Lahaul Areas - During Summer  
Kinnaur and Spiti Areas - During Winter Season.

Under this scheme an amount of Rs. 5.17 lakh was spent during Seventh Plan. For Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 10.00 lakh and Rs. 1.75 lakh has been proposed. For the Annual Plan 1990-91 a provision of Rs. 1.60 lakh is under this scheme.

10. Establishment of Transport Workshop at Tanda:

A Transport Work Shop of the Department was sanctioned under USAID Area Development Project at Tanda. This Workshop has now been transferred to State Plan. On this transport Workshop an amount of Rs. 3.03 lakh was spent during Seventh Plan. For 8th Plan and Annual Plan 1991-92 an outlay of Rs. 16.47 lakh and Rs. 3.00 lakh has been proposed. The likely expenditure would be Rs. 2.67 lakh during 1990-91 under this scheme.

11. Establishment of Audiovisual Services in Tribal Areas:

Audiovisual Services are being provided in the Tribal Areas by posting Projectionists with Head-quarters at Keylong and Kalpa. To meet salaries expenditure of the head an amount of Rs. 2.09 lakh was spent during Seventh Plan. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 3.48 lakh and Rs. 0.65 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 0.58 lakh has been kept.

12. Continuation of Expenditure on Leprosy Control Programme:

This Scheme has been transferred to State Plan from 100% CSS Scheme. Under this scheme an expenditure of Rs. 5.70 lakh was incurred during Seventh Plan. For Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 50.36 lakh and Rs. 9.00 lakh has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 8.36

lakh has been kept.

13. Providing of additional incentives under Family Welfare Programme by the State Government;

The Himachal Pradesh Government have floated a Scheme to provide additional incentives to the couples adopting FP methods after 1/2 Female Children. Under this incentive scheme an exp. of Rs 169.54 lakh was incurred during Seventh Plan. For Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 75.00 lakh and Rs. 16.50 lakh has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 15.00 lakh has been kept.

14. Providing of Grant-in-aid to Indian Red Cross Society;

Grant in Aid was given to Indian Red Cross Society during the 7th Five Year Plan and Annual Plan 1990-91 for the construction of Red Cross Bhawan and etc. No provision has been made for 1991-92. For Eighth Plan an outlay of Rs. 11.00 lakh has been proposed against the expenditure of Rs. 2.00 lakh in 7th Plan.

15. Decretar Charges awarded by the Court in respect of Case No. 71/85 (Sh. Tej Ram Vs State of H.P)

These charges of Rs. 0.55 lakh were made during the Seventh Five Year Plan and were defrayed as well. No provision has been proposed for the 8th Five Year Plan.

16. Provision for Publicity;

Provision for the Publicity of Health advertisements has been kept. Against the Seventh Plan expenditure of Rs. 1.00 lakh an outlay of Rs. 2.50 lakh has been proposed for Eighth Plan.

V. ESI DISPENSARIES;

1. Estt. of ESI Dispensaries;

This is a continuing scheme spilled over from 7th Five Year Plan. Under this scheme an expenditure of Rs. 25.18 lakh was incurred. An outlay of Rs. 41.50 lakh and Rs. 7.50 lakh has been proposed for Eighth Plan and Annual Plan 1990-91 respectively. For the Annual Plan 1990-91 an outlay of Rs. 6.62 lakh has been kept.

VI. CSS ON 50:50 Sharing Basis;

1. National Malaria Eradication Programme;

This is a continuing Scheme for the eradication of Malaria.

In meeting 50% share of the scheme under State Plan an amount of Rs. 378.82 lakh was spent during Seventh Plan. For the 8th Plan and Annual Plan 1991-92 an outlay of Rs. 376.00 lakh and Rs. 71.00 lakh has been proposed respectively for meeting the state part of this scheme. During 1990-91 an outlay of Rs. 64.97 lakh has been kept under this scheme.

## 2. National T.B. Control Programme:

This is also a Continuing Scheme for the control of TB. Under this necessary provision for meeting the cost of Drugs supplied by the Government of India has been made. An expenditure of Rs. 109.97 lakh has been incurred during Seventh Plan. For Eighth Plan and Annual Plan 1991-92 the State component of Rs. 121.50 lakh and Rs. 22.00 lakh has been proposed respectively. An outlay of Rs. 20.00 lakh has been kept for Annual Plan 1990-91.

## NEW SCHEMES:

The following new schemes are proposed to be introduced in the Pradesh for providing better health care services during Eighth Plan period under MNP & other than MNP programmes.

### I. MINIMUM NEEDS PROGRAMME:

#### 1. Opening of Primary Health Centres:

In order to achieve the Target of Health for All by 2000 AD, it has been proposed to open 52 New Primary Health Centres in the Pradesh during the Eighth Five Year Plan 1990-95 as under:

1. 1990-91	- 25
2. 1991-92	- 9
3. 1992-93	- 9
4. 1993-94	- 9
5. 1994-95	- -
	<hr/>

TOTAL: 52

This will further reduce the distance which the patients have to travel at present to get medical aid and provide better Health Care facilities to the Rural population nearer to their destinations. Accordingly a provision of Rs. 323.00 lakh and Rs. 20.00 lakh has been proposed for Eighth Plan and Annual Plan 1991-92 respectively.

#### 2. Opening of Community Health Centres:

Community Health Centres are at present being provided One per 1 lakh population or to cover the population of 4 Primary Health Centres. It has therefore been proposed to open 15

Community Health Centres in the Pradesh during the Eighth Five Year Plan period 1990-91 as under:-

1990-91	- 5
1991-92	- 4
1992-93	- 3
1993-94	- 3
1994-95	- -
Total:-	<u>15.</u>

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. 137.00 lakh and Rs. 8.00 lakh has been proposed for Eighth Plan and Annual Plan 1991-92.

3. Multipurpose Workers Scheme (State Plan) Providing of 335 Male Health Workers in Health Sub-Centres:

Each Sub-Centre 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. During the year 1989-90 there was a provision to open 235 Health Sub-Centres in the Pradesh which has been achieved but the posts of Male Health Workers have not been sanctioned so far. There is also a Target to open 100 Health Sub-Centres during the 8th Five Year Plan 1990-95. Thus 335 Male Health Workers are required to be posted. Hence necessary provision for these has been proposed during the Eighth Five Year Plan and Annual Plan 1991-92, of the order of Rs. 322.00 lakh and Rs. 56.00 lakh respectively.

4. Conversion of 17 Rural Hospitals into Community Health Centres:

There are at present 17 Rural Hospitals functioning in the Pradesh which were opened before 1980. Since the beginning of Sixth Five Year Plan 1980-81, the Government of India changed this concept and decided to open community Health Centres in place of Rural Hospitals, and also added Specialities in the Community Health Centres viz Medicines, Surgery, Gyn-

ecology and Obstetrics. In Himachal Pradesh Only 2 Specialities in Medicines and Surgery are being provided in CHCs at present, which are not available in the Rural Hospitals. It has therefore 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 Five Year Plan 1990-95:-

1990-91	-
1991-92	- 4 RHs to be converted into CHCs
1992-93	- 4 RHs to be converted into CHCs
1993-94	- 4 RHs to be converted into CHCs
1994-95	- 5 RHs to be converted into CHCs
TOTAL:-	<u>17</u>

Additional Posts required in each Rural Hospital :

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;	<u>7 Posts</u>

Accordingly, an outlay Rs. 96.00 lakh and Rs. 7.00 lakh has been proposed for the Eighth and Annual Plan 1991-92 respectively.

**5. Strengthening of Services at Primary Health Centres/Community Health Centres (PHCs-50 and CHCs-9):**

25 Primary Health Centres have been sanctioned in the Pradesh during 1989-90 and 25 PHCs are being opened during the current financial Year viz, 1990-91. But no posts have been sanctioned/ provided in Budget Estimates for the current financial Year 1990-91. Therefore necessary provision for Posts for these PHCs/ CHCs have been made for 1991-92 and Eighth Five Year Plan 1990-95. Accordingly, an outlay of Rs. 740.00 lakh and Rs. 38.00 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92 respectively.

**II. OTHER THAN MINIMUM NEEDS PROGRAMME:**

**1. Opening of ESI Dispensaries in the Pradesh:**

Industrial Towns are fast coming up in the Pradesh. It is therefore, essential to provide Medical facilities to the Industrial Workers. 3 New ESI Dispensaries have therefore been proposed to be opened during the Eighth Five Year Plan as under;

1. 1990-91	= 1
2. 1991-92	= 1
3. 1992-93	= 1
4. 1993-94	= 1

5. 1994-95 = .

TOTAL:- 3

For these dispensaries an outlay of Rs. 10.00 lakh and Rs. 1.00 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92 respectively.

## 2. Strengthening of services at Blood Banks:

The Government of Himachal Pradesh have started Blood Banks at each District Head-quarter 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 Eight District Head Quarter Blood Banks:-

- |   |           |
|---|-----------|
| 1. HPHS-II (Blood Transfusion Officers) | = 8 Posts |
| 2. Blood Transfusion Assistant          | = 8       |
| 3. Laboratory Attendants                | = 8       |
| 4. Receptionist-cum-Clerk               | = 8       |
| 5. Peons.                               | = 8       |

For these posts a provision of Rs. 10.00 lakh and Rs. 2.00 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92. These posts will be filled up in a phased manner.

Centrally Sponsored Plan Schemes proposed to be transferred to State Plan During the Eighth Five Year Plan Period.

### I. 50:50 Sharing Schemes:

#### 1. Multipurpose Workers Scheme:

This scheme was for the training of Multipurpose Workers. The Training has been completed. Now only continuing staff is being charged under this Scheme. The Government of India have discontinued this scheme with effect from 1.4.1990. This scheme has now been merged in the Multipurpose Workers Scheme (State Plan)

#### 2. National Malaria Eradication Programme:

Under this Scheme Insecticides are provided by the Govt. of India. An outlay of Rs. 376.00 lakh and Rs. 71.00 lakh has been proposed for the Eighth Plan and Annual Plan 90-92 under this scheme. For Annual Plan 1990-91 an outlay of Rs. 64.97 lakh has been kept.

### 3. National T.B. Control Programme:

Under this scheme T.B. Drugs are supplied by the Government of India for distribution to the T.B. patients free of cost. An outlay of Rs. 121.50 lakh and Rs. 22.00 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92 under this scheme. For Annual Plan 1990-91 an outlay of Rs. 20.00 lakh has been kept.

### 4. CSS On 100% Central Share:

#### 1. National Family Welfare Programme:

This Programme was being implemented with 100% Central Assistance. Under this Programme, the couples are being motivated to adopt Family Planning methods to curtail the growth in population and to have well planned small families. Under this scheme an expenditure of Rs. 2961.77 lakh was incurred during Seventh Plan. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 2633.00 lakh and Rs. 612.00 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 678.12 lakh has been kept.

#### 2. Training of Multipurpose Workers (Male)

Under this programme one school for the 1-1/2 Year Training of MPW (Male) is functioning with a capacity of 40 Students. The MP-Ws after training are posted in the Health Sub-Centres. An expenditure of Rs. 7.80 lakh was incurred under this scheme during Seventh Plan. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 16.50 lakh and Rs. 3.00 lakh has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 2.70 lakh has been kept.

#### 3. National Health Guide Scheme

Under this scheme the Government of India provides Honorarium to the Health Guides @ Rs. 50/- P.M. posted in villages. There are about 3721 Health Guides at present. An expenditure of Rs. 211.22 lakh was incurred under this scheme during Seventh Plan. To give Honorarium to Health Guide during 8th Plan an outlay of Rs. 100 lakh has been proposed and the Annual Plan 1991-92 it has been proposed to the tune of Rs. 23.00 lakh. For the Annual Plan 1990-91 it has been kept at Rs. 38.73 lakh.

#### 4. Training of Medical and Para-Medical Workers:

Under this Scheme Medical and Para-Medical Workers such as Laboratory Technicians, Pharmacists were to be trained. The Government of India have now discontinued this Scheme w.e.f. 1.4.1990. Therefore no provision for the Scheme has been proposed under State Plan for the Eighth Five Year Plan 1990-95.

#### 5. Providing of Laboratory facilities at PHCs:

Under this scheme Microscopes are to be provided to the PHCs. The Scheme has now been discontinued.

#### 6. National School Health Services:

Under this Scheme the School Children are being medic-ally examined periodically examined by the Medical Team and are given free medicines and treatment. An outlay of Rs. 5.00 lakh and Rs. 1.00 lakh has been proposed under this scheme for the Eighth Plan and Annual Plan 1991-92. The Seventh Plan expenditure under this schemw was Rs. 2.54 lakh. The Annual Plan 1990-91 provision is Rs. 1.20 lakh.

#### 7. National Goitre Control Programme:

Under this Programme Iodised Salt is being distributed to the Goitre infected patients. An outlay of Rs. 5.00 lakh and Rs. 1.00 lakh has been proposed under this scheme for the Eighth Plan and Annual plan 1991-92. The Seventh Plan exp. under this scheme was Rs. 1.20 lakh. The Annual Plan 1990-91 provision is Rs. 1.00 lakh.

#### 8. National Programme for Control of Blindness:

Under this Programme District Mobile Units are being opened which tour the whole District and hold Camps for Eye Operations. An outlay of Rs. 61.50 lakh and Rs. 11.00 lakh has been proposed under this scheme for Eighth Plan and Annual Plan 1991-92. The Seventh Plan expenditure under this scheme is Rs. 42.08 lakh. The Annual Plan 1990-91 provision is Rs. 10.94 lakh.

#### 9. National Leprosy Control Programme:

Under this Programme Leprosy Control Units are being opened. The Seventh Plan expenditure under this scheme is Rs.40.99 lakh. For the Eighth Plan and Annual Plan 1991-92 an outl of Rs. 26.49 lakh and Rs. 5.00 lakh has been proposed. For the

Annual Plan 1990-91 the provision is Rs. 5.49 lakh.

10. Strengthening of Blood Bank Systems

With the object of providing safe and quality Blood, it is proposed to strengthen the Blood Banks by providing essential equipments consumables and reagents. During the current financial year 1990-91 there is a token provision for this Scheme of Rs. 0.01 lakh. For the Eighth Plan and Annual Plan 1991-92 a provision of Rs. 1.01 lakh and Rs. 1.00 lakh has been proposed respectively.

## 2) AYURVEDA, INDIAN SYSTEM OF MEDICINE & HOMOEOPATHY:

The aim and objective of the Ayurveda department during the Eighth Plan will be as under:-

- (1) Promotion of Indian System of Medicine by providing better and improved facility;
- (2) To improve the standard of the medical and para-medical staff working in the department by providing them facilities from in-service training, refresher courses, conferences and services;
- (3) To improve the condition of only 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.

The Seventh Plan expenditure of the department was Rs. 422.28 lakh against the approved outlay of Rs. 250 lakh. The expected expenditure of the department was met by way of enhancing its successive annual plans. With the investment, the department added one Ayurvedic Hospital, 95 Ayurvedic Dispensaries, Two Homoeopathic Dispensaries, Two Panchkarma Units, one Nature Cure unit and 85 buildings.

For the Eighth Plan and Annual Plan 1991-92, an outlay of Rs. 1500 lakh and Rs. 290 lakh has been proposed, respectively. The Annual Plan 1990-91 size of the Department is Rs. 145 lakh. The proposed outlay

of Rs. 1500 lakh would be spent as 1385.88 lakh as Revenue expenditure and Rs. 114.45 lakh as Capital expenditure.

The main thrust of the department during the Eighth Plan will be on to:-

**1. GENERAL PLAN:**

- i) Establish three Hospitals at Mandi, Solan and Lahaul and Spiti;
- ii) To appoint fifty Block Ayurvedic Chikitsa Adhikaries to cover fifty out of a total of sixty nine blocks in the State;
- iii) A two year training course of ANM at State Ayurvedic College, Paprola.

**2. TRIBAL SUB-PLAN:**

The expenditure on 11 Ayurvedic Dispensaries and one hospital opened in the Tribal Areas will continue to be met, for which an outlay of Rs. 116 lakh has been proposed for the Eighth Plan.

**3. BACKWARD AREA SUB-PLAN:**

The expenditure on 34 Ayurvedic Dispensaries opened in the Backward areas of the Pradesh will continue to be met. A sum of Rs. 208.50 lakh has been proposed under the plan for the Eighth Plan.

**4. SPECIAL COMPONENT PLAN FOR SCHEDULED CASTES:**

Under this plan, 26 ayurvedic dispensaries, two Homoeopathic dispensaries and to provide better medical care, an outlay of Rs. 219.50 lakh has been proposed under this head.

### 3) MEDICAL EDUCATION:

The Indira Gandhi Medical College came into being in the year 1965-66 as a part of the developmental 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 stand 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.

2. 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 level of the Medical College, adequate financial provisions need to be made during the period of eighth five year plan 1990-95 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.



3. Against an approved outlay of Rs. 600 lakh for the Seventh Plan, an expenditure of Rs. 729.63 lakh was incurred. During the Eighth Plan ongoing activities from the Seventh Plan will be taken up apart from starting new programmes. Accordingly, an outlay of Rs. 1500 lakhs for Eighth Plan and Rs. 270 lakhs for annual plan 1991-92 has been proposed. An outlay of Rs. 215 lakh has been kept for 1990-91.

4. 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 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 protency 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 8th 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 prostatic were purchased but even then we have to provide more equipments and other amenities to strength 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 fully developed for want of adequate funds and other facilities. Since Indira Gandhi Hospital building is like to come up very shortly and thus it has been proposed to provide all the basic need during the period of 8th 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 a 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 type 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 during the period of Seventh Plan, we will still <sup>be</sup> 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 alternatively like to take career in the laboratory, etc. With a view, therefore, to improve further these facilities 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 items 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 8th Plan. In order to, therefore, to make up these deficiencies, necessary provision of adequate funds and staff 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 proposed to purchase such machinery for the development of following facilities for the smooth working and welfare of the patients:-

- (1) Cardiology/Gastroenterology/Neurology/Nephrology/Respiratory Medicine/Endocrinology and Nuclear medicines;
- (2) Establishment of full fledged Radio-Immunoassay unit;
- (3) Provision for CI-Scan(Total Body, Magnetic resonance imaging and PET facilities);
- (4) Establishment of fully developed respiratory Laboratory;
- (5) Echocardiography with doppler facilities, provision for Nuclear Cardiology;
- (6) Expansion of gastroenterology services to provide facilities for ERCP and other endoscopic procedure;
- (7) Strengthening of Dialysis Unit under Nephrology unit;
- (8) Establishment of fully endocrinologic 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, therefore, 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 lakhs and another Rs. 40 lakhs during the year 1987-88 and Rs. 30 lakhs in 1989-90 and Rs. 40 lakhs 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, therefore, to meet the problems of accommodation, sufficient funds are required so that the execution of buildings works 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 mileage and usually remains off the road. This truck has to be used for bringing medical gases from outside the State and other material relating 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 the period of the above plan;

**(b) Para-Medical Personnel Trg:**

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 objects of the programme for the control of blindness.

**DETAIL OF THE PHYSICAL TARGETS TO BE ACHIEVED**

Item	1990-91	1991-92	1992-93	1993-94	1994-95	Total
<b>Admission:</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.

## XII WATER SUPPLY, HOUSING, URBAN DEVELOPMENT AND SANITATION

### (A) Urban Water Supply

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.	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
Total		1	2	5	9	29	46

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.

During the Seventh 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 expenditure incurred was of the order of Rs. 701.50 lakh.

#### Eight Plan 1990-95 :

All the 46 towns of Himachal Pradesh need some level of augmentation due to growth in urbanisation. The situation is more complex in respect of Shimla town which faces acute shortage of drinking water particularly in tourist season. The condition gets aggravated during summer with the tourist influx. According to the present estimates over Rs. 70.00 crores are required to complete the ongoing schemes and to replace part of the country old distribution system besides taking up work on source augmentation by creating pondage in the nearby streams.

To supplement the resources, an assistance of Rs. 465 lakh for Nahan, Solan and Rampur towns from HUDCO has been arranged.

The details of estimated cost, and the loan assistance town wise are as under:

			Rs. in Lakh
Towns	Estimated cost of the scheme	Loan assistance for HUDCO	
1. Solan	387.30	202.59	
2. Nahan	396.61	208.93	
3. Rampur	101.05	53.58	
<b>Total</b>	<b>994.96</b>	<b>465.10</b>	

Under the Integrated Urban Development Project, which has already been posed for World bank assistance, the six towns covered are Shimla, Dharamsala, Mandi, Manali, Chamba and Solan for improving the present water supply service levels and through new schemes. The project report covers water supply component to the tune of Rs. 57.30 crore. During the 8th Five Year Plan a provision of Rs. 20 crore has been made for this component.

The proposed Eighth Plan outlay (1990-95) for Urban Water Supply Schemes is Rs. 50.00 crore. Against the approved plan outlay of Rs. 717 lakh during 1990-91, the proposed outlay for 1991-92 is Rs. 600 lakh. The schematic details are as under :

				Rs. in Lakh
Urban Water Supply	8th Plan Proposed outlay	Approved outlay 1990-91	Proposed outlay 1991-92	
i) Direction and Administration	370.00	60.00	66.00	
ii) Maintenance and Repairs	1500.00	250.00	250.00	
iii) Repayment of HUDCO loans	586.00	2.00	112.00	
iv) Works				
i) IUDP Works	2000.00	307.00	100.00	
ii) other Works	544.00	98.00	72.00	
<b>Total</b>	<b>5000.00</b>	<b>717.00</b>	<b>600.00</b>	

During the Eighth Five Year Plan, it is proposed to implement on going schemes. Special emphasis shall be laid for the augmentation of water supply schemes of Nahan, Solan and Rampur towns which are covered under loan assistance obtained from HUDCO. It is also proposed to take up the implementation of augmentation of water supply schemes of six other towns viz. Dharamsala, Mandi, Manali, Chamba, Solan and Hamirpur under water supply and sewerage project by arranging World Bank assistance.

During 1991-92 Rs. 600 lakh has been kept which contains capital component of Rs. 284 lakh. The capital component includes Rs. 112 lakh for repayment of HUDCO loans.

**B. Rural Water Supply :**

In Himachal Pradesh there are 16807 villages out of which 11887 villages are problem and 4920 are easy villages. Till 31st March, 1990 drinking water supply facilities are likely to be provided to 15255 villages (10780 problem and 4475 easy villages). Thus by the terminal year of the Seventh Plan, the spill over villages are 1552 (1151 problem villages and 401 easy villages).

The plan wise share of investments in respect of water supply sector is indicated as under:-

Sr.No.	Year	Investment on water supply (Rs. in lakh)
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)	1280.42
8.	6th Plan	7087.39
9.	<u>7th Plan</u>	
	1985-86	1325.27
	1986-87	1500.67
	1987-88	1720.76
	1988-89	1836.87
	1989-90	1701.97
Total		17,903.31

**Accelerated Rural Water Supply Programme :**

In order to supplement the efforts of the State Govt. in providing drinking water to the villages, Govt. of India provides hundred percent grant under Accelerated Rural Water Supply Programme. The grant received since the inception of planning era are as under:

Sr.No.	Plan Period	Investment (Rs.in lakh)
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
(allotment) Total		8149.47

1. Under this Centrally Sponsored scheme a grant of Rs. 630.00 lakh is expected during the Annual Plan 1990-91. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 4050.00 lakh and Rs. 910.00 lakh has been proposed under this programme to be transferred to State Plan. With this proposed outlay 370 villages in Eighth Plan and 164 villages in Annual Plan 1991-92 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 '90 Rs. 173.00 lakh for this work. As a result of this investment 36 problem villages have been provided safe drinking water facilities upto March 1990.

#### Seventh Five Year Plan 1985-90 :

The approved outlay of Seventh Five Year Plan was Rs. 7625 lakh. The provision of Rs 75 lakh, allocated to Rural Development Department was also transferred to the Irrigation and Public Health Department. Thus Rs. 7700 lakh were available for rural water supply programme during the Seventh Plan. Against this outlay, the expenditure incurred was to the tune of Rs.8085.54 lakh.



**Eighth Five Year Plan 1990-95 :**

The proposed Eighth Plan outlay for rural water supply schemes is Rs. 257.50 crore. Against the approved Annual Plan outlay of Rs. 23.08 crore during 1990-91, the proposed outlay for Annual Plan 1991-92 is Rs. 44.10 crore. The schematic details are as under :

Head of Expenditure	Rs. in Lakh			Proposed Outlay 1991-92
	Proposed Eighth Plan outlay	Approved Outlay	Likely Exp.	
1. Direction and Administration	3935.00	646.00	646.00	711.00
2. Machinery and Equipment	60.00	10.00	10.00	15.00
3. Maintenance and Repair	2250.00	450.00	450.00	450.00
4. Minor Works	510.00	46.00	46.00	100.00
5. Training and Research	20.00	2.00	2.00	3.00
6. Suspense	50.00	1.00	1.00	10.00
7. Testing Laboratory	25.00	2.00	2.00	5.00
8. Remodelling & Reconstruction of Rural Development schemes	250.00	15.00	15.00	50.00
9. Provision of taps in rural households	6000.00	200.00	200.00	1100.00
10. Replacement of pumping machinery	100.00	--	--	20.00
11. Works (i) State Scheme	8500.00	936.00	936.00	1036.00
(ii) ARWSP	4050.00	--	--	910.00
<b>Total</b>	<b>25750.00</b>	<b>2308.00</b>	<b>2308.00</b>	<b>4410.00</b>

**Physical Targets :**

The spill over villages to be covered during Eighth Plan under safe drinking water is 1552 villages. It is proposed to cover 370 villages under centrally sponsored scheme of ARWS during Eighth Plan. During Annual Plan 1990-91, the target of covering 350 villages (210 villages in the State sector and 140 villages in the Central sector) is likely to be achieved in full. Besides these, private connections to 8000 household shall be provided. The proposed target for Annual Plan 1991-92 is to cover 354 villages (190 villages in the State sector and 164 villages under CSS of ARWSP sector). It is proposed to provide 275 household connections as well during 1991-92 and 1.5 lakh connections in Eighth Plan.

## Partilly Covered Villages :

There are about 7169 partially covered villages in the Pradesh which have 15240 sub villages/hamlets without drinking water supply facilities. During 8th Five Year Plan it is proposed to cover 1000 partially covered villages, for which adequate provision has been made in the 8th Plan.

## 2. Sewerage and Sanitation :

### (a) Sewerage .

As a result of increasing emphasis on enviromental 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 Plan period was Rs. 114.47 lakh. The proposed Eighth Five Year Plan outlay for sewerage sector is Rs. 22.50 crore. Against the approved plan outlay of Rs. 90.00 lakh during 1990-91, the proposed outlay for Annual Plan 1990-91 is Rs. 100.00 lakh. The schematic break up as proposed is as under :-

Programmes	8th Plan 1990-95 Proposed Outlay	Annual Plan		Proposed Annual Plan Outlay 1991-92
		Approved Outlay	Likely Exp.	
1. Direction and Administration	40.00	5.00	5.00	6.00
2. Maintenance and Repair	10.00	1.00	1.00	2.00
3. Works				
(i) IUDP	1750.00	52.00	52.00	22.00
(ii) Other Works	450.00	32.00	32.00	70.00
Total	2250.00	90.00	90.00	100.00

The works plan outlay for 8th Five Year Plan of Rs. 22.00 crore covers Rs. 17.50 crore for Integrated Urban Development Project posed for World Bank assistance. The provision of Rs. 92.00 lakh proposed for Annual Plan 1991-92 in respect of works component covers Rs. 22 lakh for Integrated Urban Development Project as well.

(b) Rural Sanitation :

Most of the people in the rural area of the country have a tradition to have their call of nature in open place. It was also preferred because the people enjoy the morning walk which is suitable for health. But due to increasing population, extension of basties and bringing the barren and vacant land into agriculture use, the vacant places in the villages are becoming scarce. On the other hand, deforestation has also caused the scarcity of covered land which were found most suitable for using to have a call of nature by rural sites. On the other hand, due to deforestation the environment in the village has been effected to a large extent and the people have to cover a long distance to have their call of nature. The atmosphere is polluted while going to latrine in the open places, which cause dangerous diseases in the area. About 90% rural population suffer from such a disease.

To overcome the problem of having stool and urine in the rural areas, latrines have been constructed but in our State the people are not much aware of the pucca latrines which are being constructed to avoid the bad effects in the environment. In our State, to provide better sanitation facilities in the rural areas, a programme of Rural Sanitation is in operation which was started during 1982-83. It was emphasised in the 7th Plan to provide sanitation facilities to atleast 25% of the rural population. But not much could be done due to financial hardships. Efforts are required to be made to achieve the objective during 8th plan. Besides, in rural areas sanitation is the basic problem especially for the women of the Pradesh. Apart from the Rural Sanitation Programme Central Govt. was providing funds for the implementation of Central Rural Sanitation Programme. Every year normally our deptt. was getting funds to the tune of Rs. 30.00 lakh under this programme. During the 1988-89 the funds were discontinued by the Centre Govt. as the policy for the implementation of this programme was being reviewed by Govt. of India. This programme is likely to continue during next year hence the funds provision for this programme for 8th Plan is also being made.

During 8th Plan period it is proposed to construct 52,083 latrines, out of which 10,416 latrines will be constructed during annual plan 1991-92. An outlay of Rs. 625.00 lakh and 125.00 lakh has been proposed under this scheme for 8th plan and Annual Plan 1991-92 respectively.

(c) Low Cost sanitation :

The scheme of Low Cost Sanitation aims at conversion of dry latrines into flush latrines. It is a centrally sponsored scheme with 50 per cent subsidy from the Central Government and 50 per cent loan by the State Government without interest to be recovered over a period of ten years. Initially this scheme was started in the Sixth Plan and is continued in the

Seventh Plan. In the Seventh Plan a provision of Rs. 125.00 lakh was made. The expenditure incurred during the Seventh Plan was Rs. 92.47 lakh. The proposed Eighth Plan outlay under this scheme is Rs. 100 lakh which also includes Rs. 90 lakh of Central sector. Against the approved plan outlay of Rs. 15 lakh for 1990-91, an outlay of Rs. 38 lakh has been proposed for 1991-92 which also includes Rs. 18 lakh of Central sector.

### 3. Housing Including Police Housing :

In Himachal Pradesh, the programme of housing activities is being carried through Public Works Deptt. and Housing Board through the following schemes :

- a) Pooled Government housing schemes.
- b) Housing Department/ Housing Board.
- c) Loans to Government employees through house building advances.
- d) Police Housing schemes.

The schematic details are as under:-

#### (a) Pooled Government housing :

Himachal Pradesh being a hilly area, the housing problem is more acute in all the towns of the Pradesh. Housing problem in the Districts and Sub-Divisional headquarters is very acute as there has practically been no growth in the construction of houses in private sector. With the expansion of developmental activities, creation of new administrative units, opening of new offices, the number of employees has increased. As per norms laid down by the Government of India, housing satisfaction to at least 40 percent at Shimla, 55 percent in district towns and 70 percent in remote areas has to be provided. Against this the present satisfaction level of Shimla is 13 percent and the overall satisfaction level is 5 percent.

The spill over schemes during the Seventh Plan envisages construction of 410 housing units. Although demand for construction of houses is great, a sum of Rs. 580.00 lakh was earmarked for the Seventh Plan including Police housing, against which an expenditure of Rs. 1805.02 lakh was incurred.

An outlay of Rs. 220.00 lakh has been kept for Annual Plan 1990-91. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 1350.00 lakh and Rs. 235.00 lakh has been proposed respectively. For Police housing an outlay of Rs. 150 lakh has been proposed for Eighth Plan and for Annual Plan 1991-92 it has been proposed to Rs. 25.00 lakh. For the year 1990-91 it has been kept at Rs. 77.00 lakh.

(b) Housing Department :

The State Government under this head provides housing loans/subsidy for the construction of houses and development of house sites under the following schemes:-

- i) Provision of house sites to the landless.
- ii) Subsidy for replacing wooden roofs by tin sheets.
- iii) Interest subsidy on banking loan for purchase of tin sheets.
- iv) Irrecoverable loans written off.
- v) Rental Housing Scheme for Government employees.
- vi) Repayment of HUDCO loan.
- vii) Grant of loans to economically weaker sections in urban areas.
- viii) Loans under Village Housing Project Scheme.
- ix) Loans to Himachal Pradesh Housing Board.
- x) Loans under Low Income Group Housing Scheme.
- ix) Loans under MIGH.

In the Seventh Plan 1985-90, a provision of Rs. 390 lakh was approved. The expenditure incurred during this plan period was Rs. 561.06 lakh.

**Eighth Plan 1990-95 :**

The proposed Eighth Five Year Plan (1990-95) outlay is Rs. 964.00 lakh. Against the approved Annual Plan 1990-91 outlay of Rs. 175 lakh, the proposed outlay for 1991-92 is Rs. 214.00 lakh. The schematic details are as under :

(Rs. in lakh)

Schemes	8th Plan Proposed Outlay 1990-95	Proposed Outlay 1991-92
1. Police rental housing scheme Repayment of HUDCO loans	35.00	6.00
2. Rental Housing Scheme Repayment of HUDCO loans	65.00	17.36
3. Loans to Housing Board	450.00	86.75
4. Relief Scheme through HUDCO	170.00	35.00
5. Tribal Housing Scheme	5.00	1.00
6. Economically Weaker Sections	14.00	3.00
7. Loans under LIGH schemes	125.00	40.00
8. Loans under MIGH schemes	100.00	25.00
Total	964.00	214.00

**(c) Loans to Government Employees :**

There is a great demand of loans for the construction of houses by the Government employees. The State Government in its efforts to provide better service conditions to its employees, have to see that they have their own houses. In order to achieve this end, advances are being provided to the Government servants for the construction of houses, repair of houses, purchase of plots, already built houses and for addition and alteration.

**(d) Rural Housing :**

Rural Housing known as Two Room Tenement scheme was launched in the State during 1984-85. Under this scheme Rs. 6000.00 as subsidy is given to the houseless beneficiary for the construction of his houses. 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 are 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) & (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.

During the Eighth Plan it is proposed to construct 2083 two room tenements to the houseless persons in the State. For this purpose an amount of Rs. 125.00 lakh has been proposed in this Plan period. In the Annual Plan 1991-92 Rs. 20.00 lakh has been proposed to construct 333 houses.

**4. Urban Development :**

**(a) Town and Country Planning :**

There are 46 small and medium towns in Himachal Pradesh. In order to check/control large scale haphazard growth coming in the towns, of the Pradesh, Towns & 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 Bushahr, 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. Special Area of Reckong Peo, Kaza, Keylong, Pangl and Bharmour has been constituted and special Area Development Authorities for these special Areas have already been notified by the Government under 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 and Sujampur Tihra towns is under consideration of 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 and Rampur Bushahr 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 land use 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 of 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 newer 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, Sujampur Tihra, Kangra, Dharamsala, Palampur, Kullu, Manali, Kalpa, Mandi, Shimla, Kasauli and Nahan. Where ever development plans ensured that building and areas of historical importance is suitably preserved.

The approved Seventh Plan outlay under this head is Rs. 275.00 lakh against which expenditure reported is of the order of Rs. 242.80 lakh. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 500.00 lakh and Rs. 70.00 lakh has been proposed respectively. An outlay of Rs. 55.00 lakh has been kept for Annual Plan 1990-91.

**(c) Environmental Improvement of Urban Slums :**

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 who have been identified upto 1989, out of which 66,390 slum dwellers have been benefitted upto March, 1990. During Eighth Plan 60,000 persons are targetted for giving benefit under the scheme.

Against the Seventh Plan approved outlay of Rs. 75.00 lakh, the actual expenditure reported is rs. 102.00 lakh. For the Eighth Plan and Annual Plan 1991-92 and outlay of Rs. 180.00 lakh and Rs. 48.00 lakh has been proposed respectively. For the Annual Plan 1990-91 an outlay of Rs. 40.00 lakh has been kept.

(c) Grant-in-Aid to Local Bodies and Directorate of U L B :

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.

Against the Seventh Plan approved outlay of Rs. 300.00 lakh the actual expenditure incurred is Rs. 328.50 lakh. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 1075.00 lakh and Rs. 218 lakh has been proposed which also includes an outlay of Rs. 475.00 lakh and Rs. 105.00 lakh on account of Centrally Sponsored Schemes proposed to be transferred to State Plan. The schematic financial provisions proposed are given as under :

Name of Schemes	7th Plan Expenditure	1990-91 Approved Outlay	(Rs. in lakh)	
			8th Plan	Proposed Outlay Annual Plan 1991-92
<b>I State Schemes :</b>				
1. Direction and Adm.	29.20	11.00	70.00	12.00
2. Urban Development		10.00	210.00	29.00
3. Water Supply	262.20	10.00	93.00	22.00
4. Roads and Bridges		10.00	60.00	15.00
5. Nehru Rozgar Yojna	26.84	30.00	125.00	25.00
6. Urban Basic Service	10.25	9.00	42.00	10.00
<b>Sub Total</b>	<b>328.59</b>	<b>80.00</b>	<b>600.00</b>	<b>113.00</b>
<b>II Centrally Sponsored Schemes :</b>				
1. Urban Basic Service	--	4.50	25.00	5.00
2. Nehru Rozgar Yojna	--	120.00	450.00	100.00
<b>Sub Total</b>	<b>--</b>	<b>124.50</b>	<b>475.00</b>	<b>105.00</b>
<b>Grand Total</b>			<b>1075.00</b>	<b>218.00</b>

d) Urban Development Authority :

The Approved Seventh Plan outlay under urban development was Rs. 150.00 lakh. Against this outlay, the expenditure has been of the order of Rs. 231.00 lakh. During the 8th Five Year Plan, a provision of Rs. 250.00 lakh has been proposed. The approved Annual Plan outlay for 1990-91 was of the order of Rs. 60 lakh which is likely to utilised in full. The proposed outlay for Annual Plan 1991-92 is Rs. 50.00 lakh.



### XIII. INFORMATION AND PUBLICITY;

Publicity in Himachal Pradesh poses peculiar problems due to various factors such as difficult terrain, illiteracy, remote and isolated villages, existence of a number of dialects in sparsely populated area of 55,673 square kilometres, lack of means of communications etc. The written word can be read by only 42 per cent of the population. The circulation of news papers is very limited. Mass approach at one instance in any area of the Pradesh is hardly feasible as possibilities of mass gatherings are a few. The local fairs, no doubts attract lot of people but number would be insignificant as compared to gatherings in similar fairs in the plains.

The Department as such feels that the potent field publicity media viz, radio listening, television viewing, film shows, songs and drama, exhibitions etc. should be strengthened for meeting needs of the Department. While difficulties of the communications, terrain and illiteracy have to be faced by the publicists, they are, however, not altogether at a disadvantage in reaching the people who are much more receptive to the new ideas than literate people. They are not as sceptical as are the people in the town or in the plains below. The written word or speech reaching the intelligentsia and the audio visual methods of education and information finding their way to the masses in groups are comparatively received well. Conventional methods of publicity are, therefore, not of much avail in the Pradesh.

During the Seventh Plan an outlay of Rs. 100.00 lakh has been approved under this head, against this an expenditure of Rs. 336.10 lakh was incurred. The approved outlay for the annual plan 1990-91 is of the order of Rs. 100.00 lakh which is likely to be spent in full. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 330.00 lakh and Rs. 105.00 lakh has been proposed respectively.

The following schemes are proposed to be implemented under this head during the Eighth Plan and Annual Plan 1991-92.

#### 1. COMMUNITY VIEWING TELEVISION SCHEME; VIDEO AND TELEVISION COVERAGE UNIT 'ENG' SCHEME;

A very practical and ambitious plan has been drawn up by the Government of India to cover 70% area of the country un-

television. The greatest boom has come up with the successful launching of the Indian National Satellite INSAT-IB. As per direction received from the Government of India, Ministry of Information and Broadcasting this medium has to be exploited to the maximum to educate and inform the masses.

With a view to achieve this objective, the television scheme was approved to be included in the Seventh Plan and decided to be continued in Eighth Plan.

It is proposed to provide 100 Direct Reception sets under the Eighth Plan period for ensuring television in such areas where television reception is not available. In addition to it 100 television sets are proposed to be distributed in the backward villages inhabited by the scheduled castes. For Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 170.00 lakh and Rs. 20.00 lakh has been proposed respectively.

## 2. ADVERTISING AND VISUAL PUBLICITY SCHEME: (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.

Against the Seventh Plan outlay of Rs. 18.00 lakh the actual expenditure incurred is Rs.132.47 lakh which also includes an expenditure of Rs. 91.52 lakh on advertisement given on behalf of other departments. For the Annual Plan 1990-91 an outlay of Rs. 6.34 lakh has been kept. An outlay of Rs. 45.00 lakh for the Eighth Plan and Rs. 10.00 lakh for Annual Plan 1991-92 has been proposed.

## 3. PUBLICATION SCHEME:

To strengthen the administration in the publication cell which looks after production of publicity literature besides the weekly newspaper Giriraj and the monthly magazine Himprastha. It is intended to purchase modern publication equipment like electronic typewriter and other gadgets to efficiently

bring out publication at short notice. To meet the financial requirement of this scheme an outlay of Rs. 20.00 lakh and Rs. 5.00 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92 respectively. For the Annual Plan 1990-91 an outlay, of Rs. 2.67 lakh has been kept for this scheme.

#### 4. EXHIBITION SCHEME:

In order to strengthen the exhibition unit which is another powerful media of publicity, which organise exhibitions in the fairs, festivals and other far flung areas of the Pradesh, a provision of Rs. 4.00 lakh has been approved in the Seventh Plan period against which the expenditure incurred is Rs. 12.11 lakh. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 15.00 lakh and Rs. 2.50 lakh has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 1.38 lakh has been kept.

#### 5. PUBLICITY SCHEME:

To cope with the challenge of mass communication which ultimately will increase the work of department as also the manifold increase in the activities of the department, the Directorate has got inadequate supervisory and ministerial staff. With the strengthening of various media the activities of the department need more supervisory and ministerial staff to organise the work efficiently.

Against the Seventh Plan approved outlay of Rs. 15.00 lakh actual expenditure reported during the plan period has been Rs. 30.61 lakh. An outlay of Rs. 15.62 lakh has been kept for 1990-91 plan. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 90.00 lakh and Rs. 20.00 lakh has been proposed respectively.

#### 6. PRODUCTION OF VIDEO FILMS:

The department has got a continued film production programme under which documentaries/news reels are produced covering different aspects of development and social life besides important events of the Pradesh.

To equip this unit with software and new machinery required with the advancement in technology an outlay of Rs. 10.00 lakh for the Eighth Plan and Rs. 2.00 lakh for Annual Plan 1991-92 has been proposed. For Annual Plan 1990-91 an outlay of

Rs. 1.00 lakh has been kept for this scheme.

**7. PUBLICITY SCHEME;**

For the various important events within State/Inter State/ National and International level, folk dance parties are arranged, which at the same time help and promote the cultural heritage of the State.

Against the Seventh Plan approved outlay of Rs. 3.00 lakh actual expenditure has been Rs.4.87 lakh. For the Annual Plan 1990-91 an outlay of Rs. 1.53 lakh has been kept. An outlay of Rs. 10.00 lakh for the Eighth Plan and Rs. 2.50 lakh for the Annual Plan 1991-92 has been proposed.

**8. MOBILE CINEMA SCHEME/VIDEO DISPLAY 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 Antyoday Programme launched recently and the achievements made there-under 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 32 cinema units 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 Govt. and to launch special publicity campaigns as and when deemed necessary.

To achieve this and the department has set up video display units one each at every block headquarters. During the Seventh Plan an expenditure of Rs. 7.73 lakh was incurred under this scheme. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 20.00 lakh and Rs. 4.00 lakh has been proposed. An outlay of Rs. 3.28 lakh has been kept for this scheme during 1990-91.

#### 9. CONSTRUCTION OF BUILDINGS:

There was no approved outlay for the construction of buildings during the Seventh Plan. However an expenditure of Rs. 20.47 lakh was incurred under this scheme.

To complete work on on-going buildings as also to start work at new sites an outlay of Rs. 50.00 lakh has been proposed for Eighth Plan of which Rs. 14.00 lakh has been for Annual Plan 1991-92. For the plan of 1990-91 an outlay of Rs. 8.00 lakh has been kept.

#### 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 there areas which interalia includes;

1. Community Viewing Television Scheme.
2. Video Display Unit.
3. Song and Drama Scheme.
4. Publicity Programme.

For this purpose an outlay of Rs. 6.00 lakh has been approved for the Seventh Plan against which expenditure of Rs. 41.37 lakh has been incurred for the Seventh Plan. The approved outlay under this Sub-Plan for the year 1990-91 is Rs. 25.00 lakh which is likely to be spent in full. An outlay of Rs. 17.00 lakh has been proposed for the year 1991-92 and Rs. 60.00 lakh for the Eighth Plan.

#### 11. PHOTO SERVICES:

There was no provision of fund for the Photo services

during the Seventh Plan. However an expenditure of Rs.0.60 lakh was incurred during 1988-89 under this scheme. For the Annual Plan 1991-92 an outlay of Rs. 2.00 lakh and for Eighth Plan Rs. 10.00 lakh has been proposed under this scheme.

NEW SCHEME:

1. PRESS INFORMATION BANK SCHEME:

This is a new scheme attempted to be introduced during Eighth Plan. Under this scheme following three activities are to be undertaken;

1. Release of press notes/ feature.
2. Preparation of press Clippings.
3. Facilities to the press man.

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 outlay of Rs.30.00 lakh has been proposed for Eighth Plan of which Rs. 6.00 lakh has been for Annual Plan 1991-92.

WELFARE OF SCHEDULED CASTES | SCHEDULED TRIBES / OTHER  
BACKWARD CLASSES.

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 sections are still landless. Whatever little land they have is mostly unirrigated and poorly developed. The owners are compelled as a result to <sup>resort to</sup> 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 lakhs there are 18.54 lakhs Sch. Castes and 1.97 lakhs Sch. Tribes 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 3 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.

2. The Seventh Plan approved outlay under this head was Rs. 352.00 lakh against which an expenditure of Rs. 393.64 lakh was incurred. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 1200.00 lakh and Rs. 219.00 lakh has been proposed respectively which also includes an outlay of Rs. 02.75 lakh and Rs. 9.03 lakh on account of Centrally Sponsored Scheme share of the Government of India build in the plan. For the Annual Plan 1990-91 an outlay of Rs. 160.00 lakh has been kept.

The schematic details of the programmes to be undertaken during the Eighth Plan is as under:-

1. DIRECTION AND ADMINISTRATION:

The department has proposed <sup>a</sup> provision of Rs. 18.00 lakh in the Annual Plan 1991-92 under this programme. The scheme envisaged expenditure on the continuing staff as also <sup>of</sup> 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 two old vehicles in the Directorate and also to provide vehicles to the field officers in a phased manner. For the Eighth Plan an outlay of Rs. 90.00 lakh has been proposed under this scheme.

2. CONSTRUCTION OF OFFICE BUILDING:

For this purpose a provision of Rs. 11.00 lakh have been proposed in the Annual Plan 1991-92 and Rs. 50.00 lakh for the Eighth Plan. The Department 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 building suited to the requirements is not available on rental basis. Therefore, land for the construction of building has already been purchased and process to construct the departmental building is underway.



## WELFARE OF SCHEDULED CASTES:

### 1. Economic betterment of 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 Sch. Tribes Development Corporation on easy terms. For Eighth Plan Rs. 30.00 lakh and for the Annual Plan 1991-92 a sum of Rs. 4.00 lakh are proposed.

### 2. Award for Inter Caste Marriages:

<sup>a</sup>  
It is/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. 6,000/- 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. For Eighth Plan an outlay of Rs. 19.00 lakh and for the Annual Plan 1991-92 Rs. 3.00 lakh has been proposed under this scheme.

### 3. Environment/ Improvement of Harijan Basties:

Under this scheme, it is proposed to provide Pucca lanes, drains and pavements etc. in the basties having pre-dominance of Scheduled Castes so as to ensure proper hygienic living for them. Small schemes based on the plan estimation of the PWD and Block Authorities are sanctioned under this programme. Accordingly a provision of Rs. 60.00 lakh for the Eighth Plan and Rs. 8.00 lakh for Annual Plan 1991-92 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. Scholarships to the children of those who are engaged in unclean occupation.

These schemes are financed by the State and Central Government on 50:50 basis. For all the four schemes an outlay of Rs. 24.75 lakh and Rs. 3.13 lakh as State share has been proposed for the Eighth Plan and Annual Plan 1991-92.

**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. 15.00 lakh and Rs. 2.50 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92.

**6. Electrification of House of Scheduled Castes & 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, a provision of Rs. 25.00 lakh and Rs. 4.00 lakh has been proposed for the Eighth Plan and Annual Plan 1991-92.

**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. @ of 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 in-sufficient to provide desired incentives to the trainees. Therefore, upward revision of this rate is under consideration of the Govt. For this scheme a provision of Rs. 30.00 lakh for Eighth Plan and Rs. 4.40 lakh for Annual Plan 1991-92 has been proposed.

**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/<sup>of</sup> 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. 200/- is paid to them. For the Annual Plan 1991-92 Rs. 1.00 lakh and for Eighth Plan Rs. 8.00 lakh has been proposed.

#### 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 basis amenity to the Scheduled Castes a provision of Rs. 8.00 lakh for the Annual Plan 1991-92 and Rs. 60.00 lakh for the Eighth Plan has been proposed.

##### 10. Housing/ House sites:

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 cannot expect any person not to have 4 walls with a suitable roof for his residence. The Department, to meet this requirement 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 damages. For this purpose therefore, Rs. 40.00 lakh in the Annual Plan 1991-92 has been proposed for Scheduled Castes and Rs. 5.50 lakh for the vulnerable groups in the Annual Plan 1991-92. For the Eighth Plan Rs. 200.00 lakh and Rs. 53.00 lakh has been proposed respectively, where the applicants do not have si-

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. a sum of Rs. 5.00 lakh has been proposed in the Annual Plan 1991-92 and Rs. 25.00 lakh for the Eighth Plan.

**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 Programmes which would in terms alleviate the poor Scheduled Caste from various miseries apart from generating awareness regarding their rights etc. A sum of Rs. 3.50 lakh for the Annual Plan 91-92 and Rs. 21.50 lakh for the Eighth Plan has been proposed.

**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. A sum of Rs. 3.40 lakh for the Annual Plan 1991-92 and Rs. 15.00 lakh for the Eighth Plan has been proposed.

**2. Economic Betterment to Scheduled Tribes:**

This scheme is also similar to the one provided for the Scheduled Castes mentioned in the foregoing chapter.

A provision of Rs. 1.50 lakh for the Annual Plan 1991-92 and Rs. 9.00 lakh for the Eighth Plan has been proposed.

3. Housing Subsidy/House Sites:

On the same pattern as mentioned for the Sch. Castes, this scheme is being implemented for Sch. Tribes for which a provision of Rs. 20.00 lakh has been proposed for Annual Plan 1991-92 and Rs. 120.00 lakh for the 8th Plan respectively.

4. Girls Hostels:

It is a centrally Sponsored scheme on 50:50 basis, accordingly a sum of Rs. 4.00 lakh and Rs. 23.00 lakh as a state share has been proposed for the Annual Plan 1991-92 and Eighth Plan respectively. The scheme will be implemented on the same pattern as mentioned under the Sch. Caste Programmes.

5. Ashrams Schools:

The Department proposed to set up 5 Ashram Schools for the children mainly of nomadic gujjars with a view to providing suitable education for their chi-

ldren so that they leave the habit of nomadism & receive proper education. Boarding and lodging expenditure also borne by the Department. For this purpose an outlay of Rs. 11.00 lakh for the Annual Plan 1991-92 and Rs. 26.00 lakh for the Eighth Plan has been proposed.

WELFARE OF OTHER BACKWARD CLASSES:

1. Technical Scholarships:

Technical Stipends to the trainees belonging to the other backward classes at the rate mentioned in the scheme for the Sch. Castes are also provided for which a provision of Rs. 4.40 lakh for the year 1991-92 and Rs. 30.00 lakh for the Eighth Plan has been proposed.

2. Sch. Castes, Sch. Tribes Development Corporation:

Under the State Legislation the department has set up a Corporation namely Sch. Caste/ Sch. Tribes development corporation with an authorised capital of Rs. 10.00 Crores with the main aim of economic upliftment of Sch. Castes and Sch. 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, a provision of Rs. 40.00 lakh for the Annual Plan 1991-92 and Rs. 200.00 lakh for the Eighth Plan has been proposed.

## XV. LABOUR AND LABOUR WELFARE

### 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 Agr. and Industry.
2. Fully implement laws abolishing bonded labour.
3. Involve voluntary agencies in programmes for the rehabilitation of bonded labour.

An outlay of Rs 50.00 lakh has been approved for the Seventh Plan 1985-90 under this head against which actual expenditure incurred during the Seventh Five Year Plan is Rs. 105.45 lakh. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 295.00 lakh and Rs. 58.00 lakh has been proposed which also includes and outlay of Rs. 15.00 lakh and Rs.3.00 lakh on Centrally sponsored schemes proposed to be transferred to State Plan.

### A. LABOUR :

Labour Department is responsible for 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.

The schematic description of the proposals are described as under:

**1. LABOUR :**

**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 thirteen posts of ministerial staff during the Eighth Plan. Besides at present there are only two vehicles at the Headquarter. 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 Hqrs during the year 1991-92.

An outlay of RS. 2.00 lakh is proposed for the year 1991-92 and Rs. 5.00 lakh for the Eighth Five Year Plan period.

**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 Zone, Labour Officers offices and Labour circles by providing twenty nine posts of different categories of ministerial category.

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. Therefore an outlay of Rs. 82.00 lakh for Eighth Plan and Rs.14.70 lakh for the Annual Plan 1991-92 has been proposed. For the Annual Plan 1990-91 an outlay of Rs.3.50 lakh has been kept.

**(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. 23.00 lakh is proposed for the Eighth Five Year Plan and Rs. 4.00 lakh for the Annual Plan 1991-92 against approved outlay of Rs. 3.50 lakh for the year 1990-91.

**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. 33.00 lakh. Expenditure to the extent of Rs. 16.11 lakh has already been incurred upto 31.3.90. The balance amount of Rs. 16.89 lakh will be incurred during the Eighth Five Year Plan Period. Provision is also required to be made for the acquisition of land and or construction of buildings of the Directorate building and filed offices which are housed in rented buildings. Due to paucity of funds token outlay of Rs. 20.00 lakh for the Eighth Five Year Plan Period and Rs. 6.00 lakh for the Annual Plan 1991-92 is proposed against approved outlay of Rs. 5.76 lakh for the year 1990-91.

**4. Strengthening of Inspectorate of Factories :**

There are 1278 Factories (as on 31.12.1989) 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 headquarters 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 laboratories and acquiring instruments required.

Token provision of Rs. 5.20 lakh is proposed for the Eighth Five Year Plan Period and Rs. 0.90 lakh for the year 1991-92 against the approved outlay of Rs. 0.80 lakh for the year 1990-91.

The following new schemes under Labour Welfare are proposed to be introduced during the Eighth Plan :

1. Direction and Administration :

The details of this scheme has been discussed in the continuing schemes. However, thirteen posts of different ministerial categories besides, two vehicles are proposed to be purchased during the plan period. For which an outlay of Rs. 3.00 lakh for the Eighth Plan and Rs. 0.45 lakh has been proposed for the Annual Plan 1991-92.

2.a) Inspectorate of Factories :

The details of this scheme has been discussed in continuing scheme. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 2.80 lakh and Rs. 0.60 lakh has been proposed respectively.

b) Setting up of Inspectorate of Boilers at the Headquarters :

To ensure implementation of the provisions of the Indian Boilers Act/ 1923 in the factories the Inspectorate of Boilers is required to be set up at the Hqrs. with the minimum of four staff members. For which an outlay of Rs. 1.00 lakh for Eighth Plan and Rs. 0.20 lakh for the Annual Plan 1991-92 has been proposed.

3. 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. 1.00 lakh is proposed for the Eighth Plan period and Rs. 0.10 lakh for the Annual Plan 1991-92.

4. Setting up of Women Cell at the Headquarters :

To look after the welfare of the Child Labour and Women Workers it is proposed to set up Women Cell at the Headquarters by providing one post of Deputy Labour Commissioner and five posts of other ministerial supporting staff.

An outlay of Rs. 1.00 lakh is proposed for the 8th Plan period and Rs. 0.30 lakh for the Annual Plan 1991-92 under this scheme.

5. Scheme for establishment of Labour Welfare Fund :

There is a proposal for establishment of the Labour Welfare Fund for the benefit of the Labourers. For implementation of the scheme it is proposed to provide additional separate staff viz. one post each of the Labour Welfare Officer, Assistant and Peon to start with. Token outlay of Rs. 1.00 lakh for the Eighth Plan period and Rs. 0.20 lakh for the Annual Plan 1991-92 is proposed under this scheme.

## 6. 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. 0.90 lakh for the Eighth Five Year Plan period and Rs. 0.05 lakh for the Annual Plan 1991-92 is proposed.

## 7. 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. 1.00 lakh for the Eighth Five Year Plan period and Rs. 0.30 lakh for the Annual Plan 1991-92 is proposed for the scheme.

## II MANPOWER AND EMPLOYMENT SERVICE SCHEMES:

### Continuing Schemes :

#### 1. 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 at least 6 posts of clerk additionally in single handed sub-office Employment Exchanges at Jubbal, Chopal, Suni, Rajgarh, Nagrota Surian, Chowari and during the year 1991-92. For continuance of the above posts an outlay of Rs. 100.40 lakh is proposed for the Eighth Five Year Plan period and Rs. 18.50 lakh for the Annual Plan 1991-92 against approved outlay of Rs. 15.82 lakh for the year 1990-91.

#### 2. Collection of Employment Market Information.

One post of Computer Operator is proposed to be created during the current financial year (1990-91). To continue it an outlay of Rs. 0.40 lakh is proposed for the Eighth Plan and Rs. 0.10 lakh for the year 1991-92 against approved outlay of Rs. 0.10 lakh for the year 1990-91.

#### 3. Vocational Guidance and Employment Counselling.

One Vocational Guidance Unit at Regional Employment Exchange, Mandi is functioning under Plan. For its continuance an outlay of Rs. 5.00 lakh is proposed for the Eighth Plan and Rs. 1.05 lakh for the year 1991-92 against an approved outlay of Rs. 0.91 lakh for the year 1990-91.

4. University Employment Information and Guidance Bureau, Palampur.

University Employment Information and Guidance Bureau has been set up at Agriculture University Palampur under Plan. To continue it, outlay of Rs. 5.00 lakh is proposed for the Eighth Plan period and outlay of Rs. 0.90 lakh is proposed for the year 1991-92 against an approved outlay of Rs. 0.80 lakh for the year 1990-91.

5. Special Employment Exchange for Scheduled Castes.

Under this scheme one post of Deputy Director Employment is being created. To continue it, an outlay of Rs. 1.00 lakh for Eighth Five Year Plan and an outlay of Rs. 0.20 lakh for the year 1991-92 against approved outlay of Rs. 0.18 lakh for the year 1990-91 is proposed.

6. Flow to Tribal Area Sub Plan.

Outlay of Rs. 20.00 lakh for the Eighth Five Year Plan and Rs. 4.50 lakh for the year 1991-92 is proposed against an approved outlay of Rs. 4.00 lakh for the year 1990-91 for continuance of one post of Asstt. already created for District Employment Exchange, Keylong and additional posts under creation for Strengthening of Employment Service in the tribal area and provision of separate machinery for ensuring implementation of various labour laws in the Tribal Areas.

**NEW SCHEME :**

1. Direction and Administration :

Staff at Headquarters :

The Directorate of Employment is proposed to be strengthened by providing nineteen posts of different ministerial category. It is also proposed to set up a enforcement cell at the Directorate for ensuring enforcement of the Compulsory Notification of Vacancies Act in the establishment in Public and Private Sector. For its proper implementation a post of Joint Director and three posts of supporting staff is required. For these posts and outlay of Rs. 5.00 lakh for Eighth Plan and Rs. 0.80 lakh for Annual Plan 1991-92 has been proposed as a new scheme.

**Centrally Sponsored Schemes :**

An outlay of Rs. 15.00 lakh for the Eighth Plan and Rs. 3.00 lakh for the Annual Plan 1991-92 has been proposed on account of transfer of Centrally Sponsored Schemes to State Plan. The following two schemes are proposed for transfer, description of which is as given below :

1. Continuance of the Special Employment Exchange for Physically Handicapped Persons :

This is a continuing scheme on which 100 percent expenditure is reimbursed by the Govt. of India. During the Seventh Plan and expenditure of Rs. 2.19 lakh was incurred under this scheme. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 6.00 lakh and Rs. 1.00 lakh has been proposed. An outlay of Rs. 0.98 lakh has been kept for it during Annual Plan 1990-91.

2. Computerisation of Regional and District Employment Exchanges.

During the Eighth Five Year Plan it is proposed to computerise Regional / District Employment Exchanges, out of which one is proposed to be computerised during the year 1991-92. Under this scheme the expenditure on cost of equipment is to be reimbursed by the Govt. of India and the other expenditure for operating the equipment, site development, Floppy discs. etc. is to be borne by the State Govt. Against the Seventh Plan expenditure of Rs. 2.00 lakh an outlay of Rs. 9.00 lakh for the Eighth Plan and Rs. 2.00 lakh for the Annual Plan 1991-92 has been proposed for this scheme.

## SOCIAL WELFARE AND NUTRITION:

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 <sup>a</sup>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 sociocultural 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:-

Against the approved Seventh Plan outlay of Rs. 170.00 lakh the actual expenditure reported is Rs. 268.27 lakh. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 4650.00 lakh and Rs. 910.00 lakh has been proposed respectively. An outlay of Rs. 100.00 lakh has been kept for the Annual Plan 1990-91.

### I. WELFARE OF HANDICAPPED:

#### 1. Stipend-s 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. For Eighth Plan an outlay of Rs. 5.00 lakh and for Annual Plan 1991-92 a sum of Rs. 1.25 lakh has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 2.10 lakh has been kept.

**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, tricycles and crutches 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 a sum of Rs. 1.00 lakh for Annual Plan 1991-92 and Rs. 5.00 lakh for Eighth Plan has been proposed. For the Annual Plan 1990-91 provision of Rs. 0.55 lakh has been kept.

**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. 1.00 lakh for the annual plan 91-92 and Rs. 10.00 lakh for Eighth Plan has been made. For the Annual Plan 1990-91 an outlay of Rs. 0.50 lakh has been kept.

**4. Matching grants of Centrally Sponsored Schemes:**

There are following Centrally Sponsored Schemes for which matching provision under the State sector has been proposed:-

Sr.No. Name of Scheme	Provision for	
	1991-92	8th Plan
1. Home for Deaf and Dumb	0.20	1.00
2. Colony for Patients of Leprosy	1.00	10.00
3. Home for Physically Handicapped	0.25	1.50



Sr.No.	Name of Scheme	Provision for	
		1991-92	8th Plan
4.	Petrol Subsidy	0.05	0.50

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. Detailed schemes in this behalf is being worked out sperately. A sum of Rs. 2.00 lakh for Annual Plan for 1991-92 and Rs. 50.00 lakh for the Eighth Plan has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 1.00 lakh has been kept.

**6. Staff for Home for Handicapped Sundernagar:**

A building to set up a Home for Handicapped at Sunder nagar 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. 5.50 lakh for the Annual Plan 91\_92 and Rs. 29.00 lakh for Eighth Plan, has been proposed. For Annual Plan 1990-91 an outlay of Rs. 1.00 lakh has been kept. For the building of handicapped an outlay of Rs.7.00 lakh has been proposed for Eighth Plan.

**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 a sum of Rs. 15.50 lakh for Annual Plan for 1991-92 and Rs. 150.00 lakh for Eighth Plan has been proposed. For the Annual Plan the provision is Rs. 14.00 lakh.

### 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 sum of Rs. 2.50 lakh for Annual Plan 1991-92 and Rs. 11.00 lakh for Eighth Plan has been proposed. For Annual Plan 1990-91 the provision is Rs. 2.25 lakh.

## 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 the department has proposed Rs. 3.00 lakh for Annual Plan 1991-92.

### 2. Rehabilitation of inmates of Bal/Balika Ashrams including Assistance for Vocation 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 time 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. 3.00 lakh in our Annual Plan for 1991-92 and Rs. 20.00 lakh for the Eighth Plan has been proposed. An outlay of Rs. 2.88 lakh has been kept for Annual Plan 1990-91.

### 3. Hostel 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. 2.90 lakh for Annual Plan 1991-92 and Rs. 15 lakh for Eighth Plan has been proposed. For Annual Plan 1990-91 an outlay of Rs.2.05 lakh has been kept.

**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. 5.00 lakh for annual plan 1991-92 and Rs. 25.00 lakh for Eighth Plan has been proposed. An outlay of Rs. 6.50 lakh has been kept for Annual Plan 1990-91.

**5. Home for the Children in need of care and protection:**

Under this scheme for which central assistance is also forthcoming, two Home 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. Therefore, a sum of Rs. 150 lakh to Annual Plan for 1991-92 and Rs. 5.00 lakh for Eighth Plan has been proposed.

**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. 12.00 lakh in the Annual Plan for 1991-92 and Rs. 60.00 lakh for Eighth Plan has been proposed. A provision of Rs. 8.50 lakh is for Annual Plan 1990-91.

**7. Balwadies:**

The voluntary organisations are running 190 Balwadis through the State at such place, where such facilities are not other-wise available. This facility is serving a useful purpose of pre-school education among the children below 6 years of age. A sum of Rs. 50.00 lakh for Annual Plan for 1991-92 and Rs. 200 lakh for Eighth Plan has been proposed. A provision of Rs. 25.00 lakh is for Annual Plan 1990-91.

**III. SOCIAL DEFENCE:**

**1. Staff under Juvenile Justice Act:**

The Juvenile Justice Act has come into force throu-

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. 1.00 lakh in the Annual Plan 1991-92 and Rs. 10.00 lakh for Eighth Plan has been proposed.

## 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. 10.00 lakh in the Annual Plan for 1991-92 and Rs. 60.00 lakh for Eighth Plan has been proposed. A provision of Rs. 1.94 lakh is for Annual Plan 1990-91.

## 3. Counselling Centres for Children and Women:

At present the women and children do not have any guidance/ counselling centres in the State so as to tackle their problems, two such counselling centres would be set up in the state through which proper guidance to the women and the children would be given in case of dowry, immoral traffic, maltreatment of women and children and other exploitation etc. These centre would also help the suffering women/ Children to get redressals at appropriate levels. For this purpose a sum of Rs. 3.00 lakh in Annual Plan for 1991-92 and Rs. 20.00 lakh for Eighth Plan has been proposed.

## WOMEN WELFARE:-

### 1. Women Welfare 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 authorised capital of Rs. 500.00 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 therefore a sum of Rs. 5.00 lakh

in Annual Plan 1991-92 and Rs. 25.00 lakh for Eighth Plan has been proposed.

## 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 Govt. 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 2.50 lakh in the Annual Plan for 1991-92 and Rs. 25.00 lakh for the Eighth Plan has been proposed. An outlay of Rs. 2.00 lakh has been approved for 1990-91.

## 3. STATE HOMES:

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. 5.00 lakh in the Annual Plan for 1991-92 and Rs. 15.00 lakh for Eighth Plan has been proposed.

## 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 is to be paid on Annual basis. In this Centre training in Shawl making is being provided to about 20 ladies. To meet the expenditure on this Centre an amount of Rs. 1.00 lakh in Annual Plan 1991-92 and Rs. 8.00 lakh for Eighth Plan has been proposed. A provision of Rs. 0.70 lakh has been kept for 1990-91.

## 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 and for this purpose an amount of Rs. 30.00 lakh for Eighth Plan has been proposed. A provision of Rs. 1.25 lakh has been kept for 1990-91.

## 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. 5.00 lakh in our Annual Plan 1991-92 and Rs. 35.00 lakh for Eighth Plan has been proposed. A provision of Rs. 1.00 lakh is for Annual Plan 1990-91.

## 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. 4.25 lakh in our Annual Plan 1991-92 and Rs. 20.00 lakh for Eighth Plan has been proposed. A provision of Rs. 3.75 lakh is for Annual Plan 1990-91.

## 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. 0.50 lakh has been proposed for Annual Plan 1991-92 and Rs. 1.00 lakh for Eighth Plan. An outlay of Rs. 0.15 lakh is for Annual Plan 1990-91.

## 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. 2.00 lakh in Annual Plan 1991-92 and Rs. 20.00 lakh for Eighth Plan has been proposed Rs. 1.00 lakh is for Annual Plan 1990-91.

## 3. Old Age/ Widow Pension:

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 the rate of pension form Rs. 60/- to Rs. 100/- PM per beneficiary and also to increase the beneficiaries as per guidelines of the Government of India. As such a provision of Rs. 3750.00 lakh has been proposed for 1990-95 and Rs. 750.00 lakh has been proposed for Annual Plan 1991-92. During 1990-91 a provision of Rs. 750.00 lakh has been kept.

## Centrally Sponsored Schemes:

An outlay of Rs. 23.00 lakh for Eighth Plan and Rs. 4.00 lakh for Annual Plan 1991-92 on account of Centrally Sponsored scheme to be transferred to State Plan has been build in the Plan on following schemes:-

Name of Scheme	(Rs. in Lakh)	
	8th Plan	Annual Plan 91-92
1.	2.	3.
1. Scholarship of handicapped	5.00	2.10
2. Home for children in need of care of protection.	5.00	0.25
3. Home for deaf and dumb	1.00	0.30.
4. Colony for patients of Leporeisy	10.00	1.00
5. Home for physically handicapped	1.50	0.30
6. Petrol subsidy.	0.50	0.05
TOTAL:	<u>23.00</u>	<u>4.00</u>

## B. SPECIAL NUTRITION PROGRAMME (INCLUDING ICDS)

Under this programme against an approved Seventh Five Year Plan outlay of Rs. 282.00 lakh an expenditure of Rs. 603.53 lakh was incurred. For the Eighth Plan and Annual Plan 1991-92 an outlay of Rs. 2900.00 lakh and Rs. 485.00 lakh has been proposed. For the Annual Plan 1990-91 an outlay of Rs. 225.00 lakh has been kept. Following two programmes are taken up under this programme.

### Integrated Child Development Services:

Integrated Child Development Services scheme aims 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 objectives:

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 25 community development blocks while in 9 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 Programmes

At present there are 23 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 9 more projects have 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.



(C) General Services:

1. Jails

For the Eighth Plan 1990-95, an outlay of Rs. 325 lakh has been proposed. The proposed outlay for 1991- 92 Plan is Rs.45 lakh. Prior to this, the construction , activities used to be taken care of by the successive Finance Commission awards to upgrade the standards of administration. The proposed schematic details are as under:-

Schemes	8th Plan Proposed outlay 1990-95	(Rs. in Lakh)
		Annual Plan 1991- 92 proposed outlay
1. Construction of Model Central Jail Shimla (Kanda)	290.00	42.00
2. Administrative block at Sub Jail Mandi	9.00	0.80
3. Electricity renovation at Nahan, Una, Hamirpur Jails.	0.80	0.80
4. Additions/alterations at Sub Jail Solan.	1.04	0.70
5. Construction of female ward, dispensary and Office building at Sub Jail Hamirpur.	4.10	1.00
6. Construction of New Jail at Kinnaur.	20.06	-
Total	325.00	45.00

2. Stationery and Printing

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 & Press stores of the department are housed.

The new factory type building (Phase-II) has also been completed.

The main thrust during the 8th Five Year Plan will be on (i) Purchase of machinery and allied equipments and (ii) construction of residential Colony for the staff and (iii) augmentation of staff for optimising the output. Accordingly a provision of Rs.550 lakh has been proposed for the 8th Plan. Against the approved Plan outlay of Rs.60 lakh for the Annual Plan 1990-91, an outlay of Rs. 100 lakh has been proposed for Annual Plan 1991-92. The schematic details are as under .

Schemes	8th Plan Proposed outlay	Anticipated Expenditure for 1990-91	Rs. in lakh
			Proposed outlay for 1991 92
1. Augmentation of staff.	214.00	42.00	45.00
2. Machinery and Equipment	96.00	18.00	35.00
	240.00	-	20.00
3. Residential Colony for Staff.			
<b>Total</b>	<b>550.00</b>	<b>60.00</b>	<b>100.00</b>

### 3. Public Works

#### Pooled Non-Residential Government Buildings

The proposed Eighth Plan outlay for this head of development is Rs.2450 lakh. Against an anticipated expenditure of Rs. 500 lakh during 1990-91, an outlay of Rs. 475 lakh has been proposed for Annual Plan 1991-92. The target for 8th Plan is to construct 85 non-residential Government buildings. Against the likely completion of 19 buildings during 1990-91, 18 buildings are proposed for Annual Plan 1991-92.

### 4. Others:

(A) Himachal Pradesh Institute of Public Administration

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 8th 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.

During the 8th Plan, a provision of Rs. 300 lakh has been proposed. Against the anticipated expenditure of Rs.30 lakh during Annual Plan 1990-91, an outlay of Rs. 50 lakh has been proposed for Annual Plan 1991-92.

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. This scheme is now proposed to be transferred to the State Plan and as such appropriate provision has been made in the Rural Development Plan.

#### 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 Deptt. 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 examination 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. This scheme is also being transferred to the State and accordingly provision has been made in the Welfare Plan.

#### (B) Nucleus Budget for Tribal Areas

During the 8th Plan an outlay of Rs.265 lakh has been proposed. For the annual plan 1991-92, an outlay of Rs. 53.00 lakh has been proposed under this head against the likely expenditure of Rs.53 lakh during 1990-91.

#### (C) Tribal Development Machinery.

The proposed 8th Plan outlay under head Tribal Development Machinery is Rs. 53 lakh. An outlay of Rs. 9.00 lakh has been proposed for Annual Plan 1991-92 against the likely expenditure of Rs. 7.00 lakh during 1990-91.

#### (D) Equity to Ex-Servicemen Corporation:

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.

The proposed 8th Plan outlay is Rs. 175 lakh. The proposed outlay for Annual Plan 1991-92 is Rs. 35 lakh against the likely expenditure of Rs. 26 lakh during Annual Plan 1990-91.

## CHAPTER - VI

### TRIBAL DEVELOPMENT IN HIMACHAL PRADESH

#### Introductory:

Tribal areas in the State comprise the districts of Kinnaur and Lahaul-Spiti and only the Pangli 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 of 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 77 for the State as a whole.

#### 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 7th Plan period from that of 3.65% in 1974-75; that proposed for the 8th 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-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 Pangl 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 ITDPs also and the DC/ADC there has been made analogous to the R.C. Pangl. 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. 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 at one station. 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 the posts in the tribal areas.

### **Protective and Anti-exploitative Measures:**

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 the H.P. Transfer of Land(Regulation)Act, 1968. Moneylending is regulated under the H.P. Registration of Moneylenders Act, 1976 which prescribes registration of moneylenders and procuring of licences by them for doing the moneylending 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 projects are located in the tribal areas.

## Excise Policies

Under the excise policy followed by the State, the locals are allowed to brew/distill 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 561 Primary schools; 65 Middle schools; 49 High schools; 3 Senior Secondary schools and 1 Navodaya school. Likewise, there are 4 Hospitals; 15 PHCs; 6 CHCs and 67 Dispensaries.

100% revenue villages are electrified and 92% 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 when 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 Pangli 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 Pangli.



**SEVENTH PLAN - APPROVED OUTLAYS**

Sector	State Plan	S.C.A.	Tribal Pockets	Dispersed Tribes	Total
1.-----	2.-----	3.-----	4.-----	5.-----	6.-----
A.ECONOMIC SERVICES	7,561.00	643.00	63.00	-	8,267.00
B.SOCIAL SERVICES	1,574.00	332.00	10.00	-	1,916.00
C.GENERAL SERVICES	315.00	225.00	-	-	540.00
<b>TOTAL:</b>	<b>9,450.00</b>	<b>1,200.00</b>	<b>73.00</b>	<b>-</b>	<b>10,723.00</b>

**1989-90 - PRE-ACTUAL EXPENDITURE**

A.ECONOMIC SERVICES	1,659.45	212.94	7.00	8.00	1,887.39
B.SOCIAL SERVICES	557.66	83.12	2.00	6.00	648.78
C.GENERAL SERVICES	114.34	101.00	-	-	215.34
<b>TOTAL:</b>	<b>2,331.45</b>	<b>397.06</b>	<b>9.00</b>	<b>14.00</b>	<b>2,751.51</b>

**1990-91 - ANTICIPATED EXPENDITURE**

A.ECONOMIC SERVICES	2,350.00	146.00	7.00	10.00	2,513.00
B.SOCIAL SERVICES	770.00	58.00	3.00	10.00	841.00
C.GENERAL SERVICES	120.00	60.00	-	-	180.00
<b>TOTAL:</b>	<b>3,240.00</b>	<b>264.00</b>	<b>10.00</b>	<b>20.00</b>	<b>3,534.00</b>

**EIGHTH PLAN 1990-95 PROPOSED OUTLAYS**

A.ECONOMIC SERVICES	18,506.00	869.00	40.00	60.00	19,475.00
B.SOCIAL SERVICES	8,081.00	306.00	20.00	60.00	8,467.00
C.GENERAL SERVICES	608.00	350.00	-	-	958.00
<b>TOTAL:</b>	<b>27,195.00</b>	<b>1,525.00</b>	<b>60.00</b>	<b>120.00</b>	<b>28,900.00</b>

**1991-92 PROPOSED OUTLAYS**

A.ECONOMIC SERVICES	3,311.50	149.00	8.00	10.00	3,478.50
B.SOCIAL SERVICES	1,298.50	66.00	3.00	10.00	1,377.50
C.GENERAL SERVICES	128.50	60.00	-	-	188.50
<b>TOTAL:</b>	<b>4,738.50</b>	<b>275.00</b>	<b>11.00</b>	<b>20.00</b>	<b>5,044.50</b>

**Poverty Alleviation:**

For the 7th 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.6,400 per household per annum in rural areas and Rs.7,300 per household per annum in urban areas (Calory intake at 2,400 calories for rural households and 2,100 calories for urban households per person per day remaining unchanged for poverty-line determination).

Therefore, together with backlog of the Sixth Plan (23% of the beneficiaries are reported to have crossed the rubicon of poverty during the 6th Plan period according to a survey conducted by the R.D. Department), the target and achievement under point 11(b) of the 20-Point Programme has been as under :-

**TARGETS/ACHIEVEMENTS UNDER POINT 11(B) OF 20-POINT PROGRAMME**

Period 1:-----	Targets 2:-----	Achievements 3:-----
1985-90 (Seventh Plan)	18,466	..
1984-85 (Based Year)	3,720	5,218
1985-86	2,631	3,705
1986-87	2,650	5,274
1987-88	3,000	3,899
1988-89	2,614	3,797
1989-90	2,614	3,998
1990-91	2,134	619 (upto 9/90)

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 results.

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

SI.No.	Item	Unit	Period	Tribal Areas	Total
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	%	1985-86	126.23	167.12
5.	Proportion of gross irrigated area to cropped area	%	-do-	48.14	17.41
6.	Area under fruit crops	'000 Hect.	1988-89	6.84	149.28
7.	Fruit production	'000 MT	-do-	11.25	197.36
8.	Area under Forests	%	1986-87	22.43	38.30
9.	Banking Institutions per lakh of population	No.	1988-89	38	19
10.	Educational Institutions per lakh of population	No.	-do-	510	221

1.	2.	3.	4.	5.	6.
11.	Medical institutions per lakh of population	No.	1988-89	69	21
12.	Beds available per lakh of population	No.	-do-	247	175
13.	Vety.institutions per lakh of livestock population	No.	-do-	36	15
14.	Villages electrified	%	1989-90	100	100
15.	Installed capacity	MW	1987-88	4.214	153.57
16.	Villages provided piped water supply	%	1988-89	92	89
17.	Road Density :				
	a)per '00 sq.km.of area	km.	-do-	5.27	29.76
	b)per '000 of population	km.	-do-	9.32	3.87
18.	Average size of operational holding	Hect.	1985-86	1.29	1.30

Statements TSP-I and TSP-II are appended.

**TRIAL SUB-PLAN**  
 DRAFT 6TH FIVE YEAR PLAN, 1990-95 AND DRAFT ANNUAL PLAN, 1991-92  
 FLOW FROM THE OVERALL STATE PLAN

Table P-1  
 (in lakh)

Sector/Head/Sub-Head of Development	1990-90 Pre-actual Expenditure			Annual Plan, 1990-91			6th Plan (1990-95)			Annual Plan, 1991-92			
	Total	Flow to TSP	%age	Total	Flow to TSP	%age	Total	Flow to TSP	%age	Total	Flow to TSP	%age	
	1	2	3	4	5	6	7	8	9	10	11	12	13
<b>A. COMMERCIAL SERVICES</b>													
<b>I. AGRICULTURE &amp; ALLIED ACTIVITIES</b>													
1. Crop Husbandry													
a) Agriculture	833.00	37.60	4.54	1097.00	120.00	10.94	7384.00	1350.00	18.28	1453.00	165.00	11.36	
b) Horticulture	567.00	33.13	5.84	586.00	52.00	8.87	5106.00	630.00	12.73	1034.00	75.00	7.12	
c) Dryland Farming	21.00	0.36	1.71	25.00	1.00	4.00	125.00	-	-	25.00	-	-	
2. Soil & Water Conservation													
a) Agriculture	172.00	11.31	6.58	189.00	24.00	12.70	1978.00	150.00	7.58	339.00	40.00	10.80	
b) Forests	98.00	14.21	14.50	125.00	32.00	25.60	4049.00	300.00	7.41	812.00	65.00	8.00	
3. Animal Husbandry	204.00	26.53	13.00	256.00	40.00	15.63	1970.00	250.00	12.69	314.00	46.00	14.65	
4. Dairy Development	98.00	6.30	6.43	100.00	10.00	10.00	625.00	50.00	8.00	115.00	10.00	8.70	
5. Fisheries	111.00	6.10	5.50	118.00	11.00	9.32	800.00	60.00	7.50	150.00	11.00	7.33	
6. Forests	2476.00	135.45	5.47	2670.00	178.00	6.67	22275.00	1780.00	7.46	3850.00	235.00	6.10	
7. Food, Storage and Warehousing	-	-	-	-	-	-	-	-	-	-	-	-	
8. Agrl. Research & Edu.													
a) Agriculture	114.00	4.00	3.51	127.00	6.00	4.72	1025.00	177.00	17.27	174.00	14.00	8.05	
b) Horticulture	122.00	5.00	4.10	127.00	12.00	9.45	975.00	93.00	9.54	170.00	17.00	10.00	
c) Animal Husbandry	71.00	2.90	2.82	83.00	6.00	7.23	475.00	49.00	9.89	90.00	8.00	8.89	

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	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
d) Forests	78.00	2.00	2.56	88.00	-	-	560.00	43.00	7.68	100.00	8.00	8.00
e) Fisheries	6.00	-	-	5.00	7.00	140.00	35.00	6.00	17.14	6.00	1.00	16.67
9. Investment in Agrl. Financial Institutions	118.00	3.00	2.54	133.00	27.00	20.30	200.00	-	-	30.00	-	-
10. Other Agrl. Prog:												
i) Marketing & Quality Control	70.00	-	-	499.00	72.00	14.43	4090.00	190.00	4.64	564.00	37.00	123.33
ii) Loans to cultivators other than Horticulture.	5.00	0.66	13.20	1.00	-	-	5.00	-	-	1.00	-	-
11. Cooperation	185.00	11.45	6.19	397.00	15.00	3.78	2190.00	90.00	4.19	320.00	16.00	5.00
<b>Total - I - Agr. &amp; Allied Services</b>	<b>5349.00</b>	<b>299.30</b>	<b>5.60</b>	<b>6626.00</b>	<b>614.00</b>	<b>9.27</b>	<b>59427.00</b>	<b>5235.00</b>	<b>9.45</b>	<b>9967.00</b>	<b>748.00</b>	<b>7.82</b>
<b>II. RURAL DEVELOPMENT</b>												
<b>1. Special Programme for Rural Development.</b>												
a) INDP	255.00	7.00	2.75	136.00	13.00	9.56	1900.00	125.00	8.33	280.00	20.00	7.14
b) INEP	69.00	9.00	13.04	70.00	20.00	28.57	570.00	215.00	37.72	118.00	30.00	25.42
c) Antodya	-	-	-	-	-	-	425.00	-	-	105.00	-	-
2. Rural Employment KAREP/JRY	231.00	10.00	4.33	254.00	20.00	7.87	7014.00	160.00	2.28	1517.00	35.00	2.31
<b>3. Land Reforms</b>												
a) Cadastral Survey & Record of Rights.	222.00	1.00	0.45	245.00	-	-	1540.00	-	-	290.00	-	-
b) Supporting Services	1.00	-	-	1.00	-	-	5.00	-	-	1.00	-	-
c) Consolidation of holdings	120.00	-	-	138.00	-	-	886.00	-	-	154.00	-	-
d) Strengthening of Pry. & Supervisory LRA	74.00	5.98	8.08	80.00	12.00	15.00	730.00	70.00	9.59	135.00	13.00	9.63

	1	2	3	4	5	6	7	8	9	10	11	12	13
e) Revenue Housing	19.00	4.32	22.74	5.00	1.00	20.00	60.00	5.00	8.33	10.00	1.00	10.00	
f) Forest Settlement	27.00	3.00	11.11	31.00	-	-	190.00	-	-	35.00	-	-	
4. Community Dev.	105.00	10.00	9.52	185.00	12.00	6.49	750.00	60.00	8.00	127.00	12.00	9.45	
5. Panchayats	62.00	7.06	11.39	71.00	10.00	14.08	780.00	60.00	7.68	150.00	12.00	8.67	
<b>TOTAL-II-RURAL DEV.</b>	<b>1185.00</b>	<b>57.36</b>	<b>4.84</b>	<b>1216.00</b>	<b>88.00</b>	<b>7.24</b>	<b>14450.00</b>	<b>695.00</b>	<b>4.81</b>	<b>231.00</b>	<b>123.00</b>	<b>4.23</b>	
<b>III. SPECIAL AREA PROG.</b>													
1. D.D.P.							1500.00	1500.00	100.00	100.00	100.00	100.00	
<b>Total-III-Spl. Area Prog.</b>							<b>1500.00</b>	<b>1500.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	
<b>IV-IRRIGATION AND FLOOD CONTROL</b>													
1. Major & Medium Irrig.	207.00	-	-	270.00	-	-	1765.00	60.00	3.40	307.00	15.00	4.89	
2. Minor Irrigations:													
a) IPH Deptt.	1713.00	144.92	8.46	2225.00	176.00	7.91	11000.00	1600.00	14.55	3330.00	225.00	6.72	
b) RDD	30.00	-	-	-	-	-	200.00	20.00	10.00	35.00	3.50	10.00	
3. Command Area Dev.	30.00	-	-	40.00	-	-	410.00	-	-	84.00	-	-	
4. Flood Control	88.00	7.24	8.23	90.00	10.00	11.11	600.00	72.00	12.00	100.00	15.00	15.00	
<b>Total-IV-Irrig. &amp; Flood Control</b>	<b>2068.00</b>	<b>152.16</b>	<b>7.36</b>	<b>2625.00</b>	<b>186.00</b>	<b>7.02</b>	<b>13975.00</b>	<b>1732.00</b>	<b>12.54</b>	<b>3676.00</b>	<b>258.50</b>	<b>6.67</b>	
<b>V-ENERGY</b>													
1. Power	5347.00	638.00	11.93	6150.00	614.00	9.98	56000.00	2412.00	4.31	8000.00	879.00	10.99	
2. Biogas Dev.	80.00	0.97	1.21	85.00	1.00	1.18	811.00	-	-	171.00	-	-	
3. N.R.S.E.	15.00	3.00	20.00	5.00	2.00	40.00	260.00	30.00	11.54	59.00	6.00	10.91	
4. Smokeless Chullahs							100.00			40.00			
<b>Total-V-Energy</b>	<b>5442.00</b>	<b>641.97</b>	<b>11.80</b>	<b>6240.00</b>	<b>617.00</b>	<b>2.89</b>	<b>57251.00</b>	<b>2442.00</b>	<b>4.27</b>	<b>8256.00</b>	<b>885.00</b>	<b>10.71</b>	

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	1	2	3	4	5	6	7	8	9	10	11	12	13
<b>VI-IND. &amp; MINERALS</b>													
1. Vill. & Small Ind.	314.00	27.14	8.64	420.00	50.00	11.90	14410.00						
2. Large & Medium Ind.	589.00	1.66	0.28	650.00	10.00	1.54		1192.00	8.05	2824.00	222.00	7.86	
3. Mining	18.00	1.00	5.56	30.00	10.00	33.33	400.00						
<b>Total-VI-Ind. &amp; Minerals</b>	<b>921.00</b>	<b>29.80</b>	<b>3.24</b>	<b>1100.00</b>	<b>70.00</b>	<b>6.77</b>	<b>14810.00</b>	<b>1192.00</b>	<b>8.05</b>	<b>2824.00</b>	<b>222.00</b>	<b>7.86</b>	
<b>VII-TRANSPORT</b>													
1. Civil Aviation	57.00	8.00	14.04	25.00	5.00	20.00	300.00	37.00	12.33	40.00	5.00	12.50	
2. Roads & Bridges	5526.00	402.84	11.42	3800.00	505.00	13.29	27250.00	3080.00	11.30	3000.00	260.00	112.00	
3. Road Transport	678.00	31.65	4.67	755.00	80.00	10.60	7431.00	900.00	12.11	938.75	110.00	10.65	
4. Inland Water Tpt.	3.00	-	-	2.00	-	-	25.00	-	-	5.00	-	-	
5. Other Tpt. Services:													
1) Ropeways/Cableways	26.00	10.50	40.38	25.00	10.00	40.00	250.00	50.00	20.00	50.00	10.00	20.00	
ii) Tele -Com.	-	-	-	50.00	10.00	20.00	350.00	160.00	45.71	60.00	24.00	40.00	
iii) Int Studies	1.00	-	-	5.00	-	-	300.00	-	-	35.00	-	-	
<b>Total-VII-Transport</b>	<b>4291.00</b>	<b>452.99</b>	<b>10.56</b>	<b>4662.00</b>	<b>610.00</b>	<b>13.08</b>	<b>25006.00</b>	<b>4227.00</b>	<b>11.77</b>	<b>6128.75</b>	<b>709.00</b>	<b>11.97</b>	
<b>VIII-COMMUNICATIONS</b>													
<b>IX-SCIENCE, TECHNOLOGY &amp; ENVIRONMENT</b>													
1. Scientific Research (including SST)	20.00	-	-	16.00	2.00	12.50	600.00	15.00	2.50	100.00	3.00	3.00	
2. Forensic Lab.	-	-	-	-	-	-	200.00	-	-	50.00	-	-	
3. Ecology & Environment	4.00	-	-	5.00	1.00	20.00	100.00	5.00	5.00	15.00	1.00	6.66	
4. Water & Air Pollution prevention	10.00	-	-	15.00	-	-	150.00	-	-	25.00	-	-	
<b>Total-IX-Sc., Tech., &amp; Environment</b>	<b>34.00</b>	<b>-</b>	<b>-</b>	<b>36.00</b>	<b>3.00</b>	<b>32.50</b>	<b>1050.00</b>	<b>20.00</b>	<b>7.50</b>	<b>190.00</b>	<b>4.00</b>	<b>2.11</b>	

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X-GEN. FOOD SERVICES												
1. Sect. Eco. Services												
60.00	-	-	68.00	-	-	400.00	-	-	60.00	-	-	80.00
2. Tourism												
140.00	11.10	7.93	215.00	20.00	9.30	2325.00	180.00	7.74	400.00	40.00	40.00	10.00
3. Survey & Statistics												
14.00	0.10	0.71	15.00	1.00	6.67	90.00	6.00	6.67	47.60	1.00	1.00	5.68
4. Civil Supplies												
62.00	7.33	11.82	557.00	140.00	25.13	3665.00	1250.00	34.11	750.00	140.00	140.00	19.18
5. Other General Eco. Services												
5.00	1.00	20.00	7.00	1.00	14.29	47.00	6.00	12.77	9.00	1.00	1.00	11.11
b) Other (Institutional Finance & Public Enterprises)												
5.00	-	-	6.00	-	-	50.00	-	-	10.00	-	-	-
e) Dist. Planning												
500.00	-	-	637.90	-	-	5038.00	-	-	653.65	-	-	-
Total X-Gen. Eco. Services												
786.00	19.53	2.48	1532.00	162.00	10.57	16615.00	1442.00	12.41	1900.25	182.00	182.00	9.38
TOTAL ECONOMIC SERVICES												
50076.00	1653.11	8.23	24037.00	2350.00	9.78	303384.00	18508.00	8.98	33843.00	3311.50	3311.50	9.24
B. SOCIAL SERVICES												
XI-EDUCATION, SPORTS, ART & CULTURE												
1. General Education												
2476.00	198.05	8.00	3250.00	235.00	7.23	25871.00	2477.00	10.64	4375.00	370.00	370.00	8.46
2. Technical Education												
315.00	9.75	3.10	425.00	18.00	4.24	4250.00	110.00	2.59	384.00	20.00	20.00	5.42
3. Art & Culture												
96.00	9.60	10.00	98.00	18.00	18.37	675.00	110.00	16.50	115.00	20.00	20.00	17.39
4. Sports & Youth Services												
72.00	8.34	11.58	65.00	10.00	15.38	875.00	108.00	12.34	130.00	20.00	20.00	15.38
5. Others:												
1) Mountaineering & Allied Sports												
33.00	3.90	11.82	40.00	8.00	20.00	270.00	50.00	18.52	60.00	9.00	9.00	15.00
11) Gazetteers												
5.00	-	-	47.00	-	-	30.00	-	-	6.00	-	-	-
6. Health:												
a) Allopathy												
710.00	67.22	9.47	905.00	70.00	7.73	10248.00	1275.00	12.44	1930.00	175.00	175.00	9.07
b) Ayurveda & other ISM												
95.00	11.00	11.11	145.00	15.00	10.34	1500.00	124.00	8.27	290.00	23.00	23.00	7.93
e) Medical Education												
169.00	-	-	215.00	-	-	1500.00	-	-	270.00	-	-	-

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
<b>7. Water Supply, Housing &amp; Urban Development.</b>													
a) Urban Water Supply	177.00	-	-	717.00	-	-	5000.00	-	-	600.00	-	-	-
b) Rural Water Supply	1732.00	116.72	6.55	2308.00	140.00	6.07	25750.00	1800.00	6.99	4410.00	290.00	6.58	-
c) Sewerage	21.00	2.00	9.52	50.00	5.00	5.56	2250.00	70.00	3.11	100.00	5.00	5.00	-
d) Rural Sanitation	25.00	4.00	16.00	20.00	4.00	20.00	625.00	100.00	16.00	125.00	47.00	37.50	-
e) Low Cost Sanitation	10.00	-	-	15.00	-	-	190.00	-	-	38.00	-	-	-
<b>8. Housing:</b>													
a) Pooled Govt. Housing	144.00	42.22	29.32	-	-	34.00	2.90	1350.00	288.00	15.40	235.00	38.00	16.17
b) Housing Deptt.	131.00	5.21	3.98	1172.00	-	12.00	1.02	964.00	65.00	6.53	214.00	11.00	5.14
c) Loans to Govt. employees	5.00	-	-	-	-	35.00	2.99	1500.00	280.00	15.41	300.00	35.00	11.67
d) Rural Housing	20.00	2.34	11.70	-	-	2.00	0.77	125.00	15.00	12.00	20.00	2.50	12.50
e) Police Housing	61.00	5.11	8.28	-	-	5.00	0.43	150.00	25.00	16.67	25.00	9.00	20.00
<b>9. Urban Development:</b>													
a) Town & Country Planning	48.00	4.50	9.38	55.00	-	12.00	21.85	500.00	12.00	2.40	70.00	2.00	2.86
b) Environmental Improvement of slums	30.00	-	-	40.00	-	-	-	180.00	-	-	48.00	-	-
c) G.I.A. to local Urban Bodies	03.00	-	-	80.00	-	-	-	1075.00	-	-	218.00	-	-
d) Urban Dev. Authorities	107.00	-	-	250.00	-	-	-	250.00	-	-	50.00	-	-
<b>10. Information &amp; Publicity</b>													
	81.00	9.00	11.11	100.00	-	25.00	25.00	530.00	100.00	18.67	105.00	17.00	16.19
<b>11. Welfare of SCs/STs/OBCs</b>													
	151.00	29.79	19.73	160.00	-	23.00	14.38	1200.00	350.00	29.17	219.00	75.00	33.33
<b>12. Labour &amp; Labour Welfare</b>													
	39.00	2.75	7.05	45.00	-	4.00	8.89	295.00	24.00	8.14	38.00	4.00	6.90
<b>13. Social Welfare &amp; Nutrition</b>													
a) Social Welfare	103.00	9.00	8.74	850.00	-	45.00	5.29	4690.00	275.00	5.91	910.00	50.00	5.49
b) Nutrition	175.00	23.90	13.43	225.00	-	50.00	22.22	2900.00	315.00	27.75	105.00	100.00	20.62
<b>Total XI - Social Services</b>	<b>7173.00</b>	<b>564.00</b>	<b>7.85</b>	<b>11287.00</b>	<b>770.00</b>	<b>6.85</b>	<b>28192.00</b>	<b>7231.00</b>	<b>8.77</b>	<b>12229.00</b>	<b>1298.50</b>	<b>8.12</b>	<b>8.12</b>
<b>TOTAL - B - SOCIAL SERVICES</b>	<b>7173.00</b>	<b>564.00</b>	<b>7.85</b>	<b>11287.00</b>	<b>770.00</b>	<b>6.85</b>	<b>28192.00</b>	<b>7231.00</b>	<b>8.77</b>	<b>12229.00</b>	<b>1298.50</b>	<b>8.12</b>	<b>8.12</b>

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	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
<b>C. GENERAL SERVICES</b>													
<b>XII-GENERAL SERVICES</b>													
1. Stationery & Ptg.	41.00	-	-	50.00	-	-	550.00	-	-	100.00	-	-	-
2. Public Works	345.00	72.34	20.97	500.00	60.00	12.00	2450.00	275.00	11.22	475.00	65.00	13.68	-
3. Others:													
a) H.I.P.A.	29.00	-	-	30.00	-	-	300.00	-	-	50.00	-	-	-
b) Nucleus Budget	39.00	39.00	100.00	55.00	55.00	100.00	265.00	265.00	100.00	55.00	55.00	100.00	-
c) T.D.M.	3.00	3.00	100.00	7.00	7.00	100.00	55.00	55.00	100.00	9.00	9.00	100.00	-
d) Equity to Ex-Servicemen's Corps	26.00	-	-	26.00	-	-	175.00	-	-	35.00	-	-	-
e) Nails	-	-	-	-	-	-	320.00	15.00	4.69	45.00	1.50	5.33	-
<b>Total-XII-Gen. Services</b>	<b>483.00</b>	<b>114.34</b>	<b>23.67</b>	<b>676.00</b>	<b>120.00</b>	<b>17.75</b>	<b>4113.00</b>	<b>600.00</b>	<b>14.78</b>	<b>767.00</b>	<b>128.50</b>	<b>16.75</b>	<b>-</b>
<b>TOTAL C-GEN. SERVICES</b>	<b>483.00</b>	<b>114.34</b>	<b>23.67</b>	<b>676.00</b>	<b>120.00</b>	<b>17.75</b>	<b>4113.00</b>	<b>600.00</b>	<b>14.78</b>	<b>767.00</b>	<b>128.50</b>	<b>16.75</b>	<b>-</b>
<b>GRAND TOTAL ( A TO C )</b>	<b>27732.00</b>	<b>2331.45</b>	<b>8.41</b>	<b>36000.00</b>	<b>3240.00</b>	<b>9.00</b>	<b>30228.00</b>	<b>27195.00</b>	<b>9.00</b>	<b>20600.00</b>	<b>4738.50</b>	<b>9.00</b>	<b>-</b>

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## CHAPTER-VII

### SPECIAL COMPONENT PLAN FOR SCHEDULED CASTES

The 5th 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 allocations 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 6th plan period and the same was raised to Rs.930 crore for the 7th plan. In the 7th 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 7th plan hold good for the 8th plan also; the strategy of SCP shall be geared up and intensified during the 8th 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.

Highest priority has been accorded to the Economic Services sector.

### Poverty Reduction

Removal of poverty and unemployment are innate to planned progress since the 6th 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>Achievement</u>
1985-90	1,09,833	-
1985-86	24,000	27,042
1986-87	24,000	28,703
1987-88	24,000	27,770
1988-89	18,810	24,419
1989-90	18,210	24,192
1990-91	15,072	4,371 (upto 9/90)

In urban areas apart from doing direct cases, the SCs/STs Development Corporation is implementing TRYSEM scheme for urban youth 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 level 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 to the Special

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 25.71%. 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.4361 crore was earmarked for this sub-plan against which the actual exp. was Rs.2.98 crore. During the 6th plan, against the all-India target of 9.55% 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 7th 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 7th plan period had been approved at Rs.576 crore. Annual Plan, 1989-90 expenditure; 1990-91 anticipated exp. and 8th plan and annual plan, 1991-92 proposed outlay are sub-joined below-

(Rs. in lakh)

Sector	1989-90		1990-91		8th Plan		Annual Plan	
	State Plan	SCA	State Plan	SCA	State Plan	SCA	State Plan	SCA
	1	2	3	4	5	6	7	8
<b>Economic Services</b>	2036.30	153.00	2725.50	59.50	19108.250	365.00	3689.25	66.50
<b>Social Services</b>	1028.70	10.00	1485.300	106.815	14651.650	712.00	2390.250	117.40
<b>C. Gen. Services</b>	-	22.00	-	47.25	-	280.00	-	30.00
<b>Grand Total</b>	3065.00	185.00	4205.30	213.565	33760.90	1357.00	6079.75	213.90

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. A check 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 Deputy Commissioner 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 Member-Secretary of the District-Level Review Committee.

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

**SPECIAL COMPONENT PLAN FOR SCHEDULED CASTES**  
 Draft 8th Five Year Plan, 1990-95 and Annual Plan, 1991-92 -  
 Head of Development-wise Outlay and Expenditure.

**STATEMENT-SCP.I**  
 (in lakh)

Ser. No.	Sector/Head of Dev.	1989-90 (Actual)			1990-91 (Anticipated)			1990-95 8th Plan			Proposals for 1991-92		
		Total State Plan Outlay	Flow to SCP	%	Total State Plan Outlay	Flow to SCP	%	Total State Plan Outlay	Flow to SCP	%	Total State Plan Outlay	Flow to SCP	%
1s	2s	3s	4s	5s	6s	7s	8s	9s	10s	11s	12s	13s	14s
<b>A-ECONOMIC SERVICES</b>													
<b>I-AGRICULTURE AND ALLIED SERVICES</b>													
<b>1. Crop Husbandry:</b>													
a) Agriculture		833.00	217.00	26.05	1097.00	180.00	16.40	7384.00	1100.00	14.90	143.00	205.00	14.11
b) Horticulture		567.00	115.00	20.28	586.00	120.00	20.47	5106.00	800.00	15.66	1054.00	130.00	12.33
c) Dryland Farming		21.00	7.50	35.71	25.00	10.00	40.10	125.00	50.00	40.00	25.00	10.00	40.00
<b>Total-1: Crop Husbandry</b>		<b>1421.00</b>	<b>339.50</b>	<b>23.89</b>	<b>1708.00</b>	<b>310.00</b>	<b>18.14</b>	<b>12615.00</b>	<b>1950.00</b>	<b>15.46</b>	<b>2532.00</b>	<b>345.00</b>	<b>13.62</b>
<b>2. Soil Conservation:</b>													
a) Agriculture		172.00	60.00	34.88	189.00	65.00	34.39	1978.00	225.00	11.38	338.00	40.00	11.80
b) Forests		98.00	-	-	125.00	15.00	12.00	4049.00	100.00	2.47	82.00	16.00	1.97
<b>Total-2: Soil Conservation</b>		<b>270.00</b>	<b>60.00</b>	<b>22.22</b>	<b>314.00</b>	<b>80.00</b>	<b>25.47</b>	<b>6027.00</b>	<b>325.00</b>	<b>5.39</b>	<b>1151.00</b>	<b>56.00</b>	<b>4.87</b>
<b>3. Animal Husbandry</b>		<b>204.00</b>	<b>70.00</b>	<b>34.31</b>	<b>256.00</b>	<b>80.00</b>	<b>31.25</b>	<b>1970.00</b>	<b>490.00</b>	<b>24.87</b>	<b>314.00</b>	<b>88.00</b>	<b>28.03</b>
<b>4. Dairy Development</b>		<b>98.00</b>	<b>10.00</b>	<b>10.20</b>	<b>100.00</b>	<b>13.00</b>	<b>13.00</b>	<b>625.00</b>	<b>65.00</b>	<b>10.40</b>	<b>115.00</b>	<b>13.00</b>	<b>11.30</b>
<b>5. Fisheries</b>		<b>111.00</b>	<b>15.00</b>	<b>13.51</b>	<b>118.00</b>	<b>15.00</b>	<b>12.71</b>	<b>800.00</b>	<b>80.00</b>	<b>10.00</b>	<b>150.00</b>	<b>15.00</b>	<b>10.00</b>
<b>6. Forestry &amp; Wildlife:</b>													
a) Forestry		2387.00	310.00	12.99	2565.00	450.00	17.54	22315.00	2750.00	12.32	3570.00	495.00	13.87
b) Wildlife		89.00	-	-	105.00	-	-	1560.00	-	-	280.00	-	-
<b>Total-6: Forestry &amp; Wildlife</b>		<b>2476.00</b>	<b>310.00</b>	<b>12.52</b>	<b>2670.00</b>	<b>450.00</b>	<b>16.85</b>	<b>23875.00</b>	<b>2750.00</b>	<b>11.52</b>	<b>3850.00</b>	<b>495.00</b>	<b>12.86</b>

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>7. Agr., research and Edu:</b>														
a) Agriculture	114.00	-	-	127.00	30.00	23.62	1025.00	183.00	17.85	174.00	33.00	18.97		
b) Horticulture	122.00	-	-	127.00	26.00	20.47	975.00	179.00	16.51	170.00	29.00	17.06		
c) Animal Husbandry	71.00	-	-	83.00	16.00	19.27	475.00	98.00	20.53	90.00	17.50	19.44		
d) Forests	78.00	-	-	88.00	-	-	560.00	-	-	100.00	-	-		
e) Fisheries	6.00	-	-	5.00	2.00	40.00	35.00	12.00	34.29	6.00	2.25	37.50		
<b>Total-7: Agr, research and Edu.</b>	<b>391.00</b>	<b>-</b>	<b>-</b>	<b>430.00</b>	<b>74.00</b>	<b>173.20</b>	<b>3070.00</b>	<b>482.00</b>	<b>14.72</b>	<b>540.00</b>	<b>81.75</b>	<b>15.14</b>		
<b>8. Investment in Agrl. financial institutions</b>	118.00	-	-	133.00	-	-	200.00	-	-	30.00	-	-		
<b>9. Marketing &amp; Quality Control:</b>														
a) Agriculture	45.00	-	-	499.00	-	-	250.00	-	-	54.00	-	-		
b) Horticulture	25.00	85.00	340.00		30.00	6.01	3840.00	90.00	2.34	510.00	23.00	4.51		
<b>Total-9: Mktg. &amp; Quality Control</b>	<b>70.00</b>	<b>85.00</b>	<b>121.00</b>	<b>499.00</b>	<b>30.00</b>	<b>6.01</b>	<b>4090.00</b>	<b>90.00</b>	<b>2.20</b>	<b>564.00</b>	<b>23.00</b>	<b>4.07</b>		
<b>10. Loans to cultivators other than Horticulture loans</b>	5.00	1.00	20.00	1.00	0.50	50.00	5.00	3.00	60.00	1.00	0.50	50.00		
<b>11. Cooperation</b>	185.00	35.00	18.92	397.00	20.00	5.03	2150.00	176.00	8.19	320.00	35.00	10.94		
<b>TOTAL-I: AGRI. &amp; ALLIED SERVICES</b>	<b>5349.00</b>	<b>925.50</b>	<b>17.90</b>	<b>6626.00</b>	<b>1072.50</b>	<b>16.18</b>	<b>55427.00</b>	<b>6381.00</b>	<b>11.51</b>	<b>9567.00</b>	<b>1152.25</b>	<b>12.04</b>		
<b>II-RURAL DEVELOPMENT</b>														
<b>1. Special Programme for Rural Development:</b>														
a) I.R.D.P.	255.00	116.00	45.49	136.00	68.00	50.00	1925.00	675.00	35.06	385.00	135.00	35.06		
b) I.R.E.P.	69.00	5.00	7.25	70.00	10.00	14.28	570.00	65.00	11.40	118.00	12.00	10.17		
<b>Sub-total:1</b>	<b>324.00</b>	<b>121.00</b>	<b>52.74</b>	<b>206.00</b>	<b>78.00</b>	<b>64.28</b>	<b>2495.00</b>	<b>740.00</b>	<b>29.66</b>	<b>503.00</b>	<b>147.00</b>	<b>29.22</b>		

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
2. National Rural Employment Programme (NREP)/JRY	231.00	81.00	35.06	254.00	102.00	40.15	7014.00	2100.00	29.94	1517.00	450.00	29.66	
3. Land Reforms:													
a) Cadastral survey and record of rights	222.00	-	-	245.00	-	-	1540.00	-	-	290.00	-	-	
b) Supporting Services	1.00	1.00	100.00	1.00	0.50	50.00	5.00	2.50	50.00	1.00	0.50	50.00	
c) Consolidation of holdings	120.00	-	-	138.00	-	-	886.00	-	-	154.00	-	-	
d) Strengthening of Pwy./ Supervisory LRA	74.00	-	-	80.00	-	-	730.00	-	-	135.00	-	-	
e) Revenue Housing	19.00	-	-	5.00	-	-	60.00	-	-	10.00	-	-	
f) Forest settlement	27.00	-	-	31.00	-	-	190.00	-	-	35.00	-	-	
Sub-total 3	463.00	1.00	0.22	500.00	0.50	0.10	3411.00	2.50	0.07	625.00	0.50	0.08	
4. Community Development	105.00	-	-	185.00	-	-	750.00	-	-	127.00	-	-	
5. Panchayats	62.00	-	-	71.00	-	-	780.00	8.00	1.03	139.00	2.00	1.48	
TOTAL-II: RURAL DEV.	1185.00	203.00	17.43	1216.00	180.50	14.24	14450.00	2850.50	19.73	2911.00	599.00	20.89	
III-SPECIAL AREA PROGS.	-	-	-	-	-	-	1500.00	-	-	180.00	-	-	
IV-IRRIG. & FLOOD CONTROL													
1. Major & Medium Irrig.	207.00	90.00	43.48	270.00	140.00	51.85	1765.00	750.00	42.49	307.00	150.00	48.86	
2. Minor Irrigations:													
a) IPH	1773.00	63.00	3.55	2225.00	385.00	17.30	11000.00	2200.00	20.00	3350.00	550.00	67.36	
b) RDD							200.00	30.00	15.00	35.00	5.00	14.29	
3. Command Area Dev.	30.00	20.00	66.67	40.00	25.00	62.50	410.00	205.00	50.00	84.00	42.00	50.00	
4. Flood Control	88.00	15.00	17.05	90.00	15.00	16.66	600.00	125.00	20.83	100.00	16.00	16.00	
TOTAL-IV: IRRIG. & FLOOD CONTROL	2068.00	188.00	9.09	2625.00	565.00	21.52	13975.00	3310.00	23.69	3876.00	763.00	19.69	

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	1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:
<b>V-ENERGY</b>														
<b>1. Power:</b>														
<b>a) Generation:</b>														
i) Approved on going Projects														
ii) Mini-micro hydal schemes	2746.00	-	-	4850.00	-	-	40000.00	-	-	5518.00	-	-	-	-
iii) New Schemes														
<b>Total (a) Generation</b>	<b>2746.00</b>	<b>-</b>	<b>-</b>	<b>4850.00</b>	<b>-</b>	<b>-</b>	<b>40000.00</b>	<b>-</b>	<b>-</b>	<b>5518.00</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>b) Transmission and Distribution:</b>														
c) Rural electrification under State Plan REC (NRP Schemes)	763.00	78.00	10.22	750.00	125.00	16.66	4600.00	363.00	7.89	825.00	82.50	10.00		
d) Survey & Investigation	90.00	-	-	50.00	-	-	250.00	-	-	50.00	-	-		
e) Board's pldge	17.00	-	-	-	-	-	250.00	-	-	50.00	-	-		
f) Renovation and Modernisation of power houses	50.00	-	-	50.00	-	-	600.00	-	-	10.00	-	-		
<b>Total: 1-Power</b>	<b>5347.00</b>	<b>78.00</b>	<b>1.46</b>	<b>6150.00</b>	<b>125.00</b>	<b>2.03</b>	<b>56000.00</b>	<b>363.00</b>	<b>0.65</b>	<b>8000.00</b>	<b>82.50</b>	<b>1.03</b>		
<b>2. Bio-gas Dev.</b>	80.00	31.50	39.38	85.00	30.00	35.29	811.00	220.00	27.13	171.00	43.00	25.15		
<b>3. Non-conventional energy sources (Dev. of new and renewable sources of energy)</b>	15.00	-	-	5.00	2.00	40.00	440.00	59.00	13.41	95.00	13.00	13.68		
<b>Total-V: ENERGY</b>	<b>5442.00</b>	<b>109.50</b>	<b>2.01</b>	<b>6240.00</b>	<b>157.00</b>	<b>2.51</b>	<b>57251.00</b>	<b>642.00</b>	<b>1.12</b>	<b>8266.00</b>	<b>138.50</b>	<b>1.68</b>		
<b>VI-INDUSTRY AND MINERALS</b>														
<b>1. Village &amp; Small Inds.</b>	314.00	95.00	30.25	420.00	120.50	28.69	14410.00	1250.00	10.58	2779.00	246.00	10.29		
<b>2. Large &amp; Medium Inds.</b>	389.00	41.00	6.96	650.00	35.00	5.38		275.00			40.00			

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1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:	13:	14:
3. Mining		18.00	-	-	30.00		-	400.00	-	-	43.00	-	-
4. Weights and Measures		5.00	-	-	7.00		-	47.00	-	-	9.00	-	-
<b>TOTAL-VI: INDUSTRY AND MINERALS</b>		<b>926.00</b>	<b>136.00</b>	<b>14.69</b>	<b>1107.00</b>	<b>155.60</b>	<b>14.04</b>	<b>14857.00</b>	<b>1525.00</b>	<b>1026</b>	<b>2833.00</b>	<b>286.00</b>	<b>10.09</b>
<b>VII-TRANSPORT</b>													
1. Civil Aviation (Helipada/ Helicopter organisation)		57.00	-	-	25.00		-	300.00	-	-	40.00	-	-
2. Roads & Bridges		3526.00	401.00	11.37	3800.00	450.00	11.84	27250.00	3200.00	11.74	5000.00	525.00	10.50
3. Road Transport		678.00	-	-	755.00		-	7431.00	-	-	938.75	-	-
4. Inland Water Transport		3.00	-	-	2.00		-	25.00	-	-	5.00	-	-
<del>5. Other transport services:</del>													
a) Repeways/Cableways		26.00	-	-	25.00		-	250.00	-	-	50.00	-	-
b) Telecommunication		-	-	-	50.00		-	550.00	-	-	60.00	-	-
c) IMF studies		1.00	-	-	5.00		-	300.00	-	-	35.00	-	-
Sub-total:5		<b>27.00</b>	<b>-</b>	<b>-</b>	<b>80.00</b>	<b>-</b>	<b>-</b>	<b>900.00</b>	<b>-</b>	<b>-</b>	<b>145.00</b>	<b>-</b>	<b>-</b>
<b>TOTAL-VII: TRANSPORT</b>		<b>4291.00</b>	<b>401.00</b>	<b>9.35</b>	<b>4662.00</b>	<b>430.00</b>	<b>9.65</b>	<b>55906.00</b>	<b>3200.00</b>	<b>8.91</b>	<b>6128.75</b>	<b>525.00</b>	<b>8.57</b>
<b>VIII-COMMUNICATION</b>													
		-	-	-	-		-	-	-	-	-	-	-
<b>IX-SCIENCE, TECHNOLOGY AND ENVIRONMENT</b>													
1. Scientific research including (S&T)		20.00	-	-	16.00		-						
2. Ecology and Environment		4.00	-	-	5.00		-	1050.00	-	-	190.00	-	-
3. Water and Air pollution prevention		10.00	-	-	15.00		-						
<b>TOTAL-IX: SC., TECH. AND ENVIRONMENT</b>		<b>34.00</b>	<b>-</b>	<b>-</b>	<b>36.00</b>	<b>-</b>	<b>-</b>	<b>1050.00</b>	<b>-</b>	<b>-</b>	<b>190.00</b>	<b>-</b>	<b>-</b>

1:-----2:-----3:-----4:-----5:-----6:-----7:-----8:-----9:-----10:-----11:-----12:-----13:-----14:-----

**X-GENERAL ECONOMIC SERVICES**

1. Secretariat Economic Services	60.00	-	-	68.00	-	-	400.00	-	-	80.00	-	-
2. Excise & Taxation	-	-	-	6.60	-	-	-	-	-	-	-	-
3. Insurance	140.00	-	-	215.00	-	-	2325.00	-	-	400.00	-	-
4. Survey & Statistics	14.00	-	-	15.00	-	-	90.00	-	-	17.60	-	-
5. Civil Supplies	62.00	-	-	557.00	-	-	3665.00	-	-	730.00	-	-
6. Other General Services:												
a) Institutional Finance	5.00	-	-	6.00	-	-	50.00	-	-	10.00	-	-
b) Distt. Planning	500.00	72.30	14.46	657.40	140.00	21.29	5038.00	1200.00	23.82	653.65	225.00	34.42
Sub-total:6	885.00	72.30	14.46	663.40	140.00	21.10	5088.00	1200.00	23.58	663.65	225.00	33.90
	(505.00)											
<b>TOTAL-X:GEN.ECO.SERVICES</b>	<b>781.00</b>	<b>72.30</b>	<b>9.26</b>	<b>1525.00</b>	<b>140.00</b>	<b>9.18</b>	<b>11568.00</b>	<b>1200.00</b>	<b>10.37</b>	<b>1891.25</b>	<b>225.00</b>	<b>11.90</b>
<b>TOTAL-A:ECONOMIC SERVICES</b>	<b>20076.00</b>	<b>2035.90</b>	<b>10.14</b>	<b>24087.00</b>	<b>2720.50</b>	<b>11.31</b>	<b>209984.00</b>	<b>19108.50</b>	<b>9.28</b>	<b>35843.00</b>	<b>3689.25</b>	<b>10.29</b>

**B-SOCIAL SERVICES**

**11-SOCIAL SERVICES**

1. General Education:												
i) Pri. Education	2476.00	360.00	14.54	3250.00	574.00	17.66	4471.00	1075.00	24.04	840.00	202.00	24.05
ii) Secondary Education	-	-	-	-	-	-	18800.00	2800.00	14.89	3335.00	520.00	14.71
iii) Tech. Education	315.00	-	-	425.00	-	-	4250.00	-	-	584.00	-	-
iv) Art & Culture	96.00	-	-	98.00	-	-	675.00	-	-	115.00	-	-
v) Sports & Youth Services	72.00	-	-	65.00	-	-	875.00	-	-	130.00	-	-
vi) Others:												
a) Mountaineering & All. Sports	33.00	-	-	40.00	-	-	270.00	-	-	60.00	-	-
b) Gazetteers	5.00	-	-	7.00	-	-	30.00	-	-	6.00	-	-
Sub-total(vi)	38.00	-	-	47.00	-	-	300.00	-	-	66.00	-	-
Total 1-Gen. Edu.	2997.00	360.00	12.81	3865.00	574.00	14.77	29371.00	3875.00	13.89	9770.00	722.00	13.70
2. Health:												
a) Allopathy	710.00	47.00	6.62	905.00	100.00	11.04	10248.00	1150.00	11.22	1930.00	168.00	8.70
b) Ayurveda & other ISM	99.00	8.17	8.25	145.00	15.00	10.34	1500.00	213.00	14.20	290.00	42.00	14.48
c) Medical Education	169.00	-	-	215.00	-	-	1500.00	-	-	270.00	-	-
Sub-total:2-Health	978.00	55.17	5.64	1265.00	115.00	9.09	13248.00	1363.00	10.29	2490.00	210.00	8.43

472

1:-----2:-----3:-----4:-----5:-----6:-----7:-----8:-----9:-----10:-----11:-----12:-----13:-----14:-----

3. Water Supply, Housing, Urban Dev. & Sanitation:

a) Water Supply:

i) Urban Water Supply 177.00 - - 717.00 25.00 3.48 5000.00 165.00 3.30 600.00 30.00 5.00

ii) Rural Water Supply:

a) IPH

1782.00 300.00 16.84 2308.00 400.00 17.33 25750.00 4000.00 15.53 4410.00 790.00 17.90

b) RDD

Sub-total(ii)

1782.00 300.00 16.84 2308.00 400.00 17.33 25750.00 4000.00 15.53 4410.00 790.00 17.90

Total(a) Water Supply

1959.00 300.00 15.31 3085.00 425.00 14.04 30750.00 4165.00 13.54 5010.00 820.00 16.36

b) Sewerage & Sanitation:

i) Sewerage 21.00 5.00 23.81 90.00 20.00 22.22 2250.00 2250.00 100.00 100.00 100.00 100.00

ii) Rural Sanitation

25.00 11.00 44.00 20.00 10.00 50.00 625.00 160.00 25.60 125.00 35.00 28.00

iii) Low Cost Sanitation

10.00 10.00 100.00 15.00 15.00 100.00 190.00 190.00 100.00 38.00 38.00 100.00

Sub-total(b) Sewerage & Sanitation

56.00 26.00 46.43 125.00 45.00 36.00 3065.00 2600.00 84.82 263.00 173.00 65.78

c) Housing including Police Housing:

i) Pooled Govt. Housing 144.00 - - - - - 1350.00 - - 235.00 - -

ii) Police Housing

61.00 - - 887.00 - - 150.00 - - 25.00 - -

iii) Loans to Govt. employees

5.00 - - - - - 1500.00 - - 300.00 - -

iv) Housing Deptt.

131.00 29.00 22.14 265.00 40.00 15.09 964.00 270.00 28.00 214.00 52.00 24.29

v) Rural Housing

20.00 11.00 55.00 20.00 5.00 25.00 125.00 30.00 24.00 20.00 5.00 25.00

Sub-total(c) Housing including Police Housing

361.00 40.00 11.08 1172.00 45.00 3.89 4089.00 300.00 7.33 794.00 57.00 7.18

513

1	2	3	4	5	6	7	8	9	10	11	12	13	14
d) Urban Development:													
1) Town & Country Plg.	48.00	-	-	55.00	-	-	500.00	-	-	70.00	-	-	-
ii) Environmental Improvement of urban areas	30.00	30.00	100.00	40.00	40.00	100.00	180.00	180.00	100.00	48.00	48.00	100.00	-
iii) GIA to local bodies urban basic services	83.00	-	-	80.00	-	-	1075.00	12.50	1.16	218.00	2.50	1.15	-
iv) Urban Dev. Authorities	107.00	-	-	260.00	-	-	250.00	-	-	50.00	-	-	-
Sub-total(d) Urban Dev.	268.00	30.00	11.19	435.00	40.00	9.19	2005.00	192.50	9.60	386.00	50.50	13.08	-
Total-3: Water Supply, Housing, Urban Dev. & Sanitation	2649.00	452.00	17.06	4757.00	555.00	11.66	39909.00	7257.50	18.16	6453.00	1100.50	17.05	-
4. Information and Publicity	81.00	2.00	2.47	100.00	4.00	4.00	530.00	20.00	3.77	105.00	4.00	3.80	-
5. Welfare of SCs/STs/OBCs													
a) Welfare of Backward classes	126.00	83.53	66.29	125.00	85.00	68.00	1200.00	780.00	80.25	179.00	85.00	47.48	-
b) SCs/STs Dev. Corpn.	25.00	32.00	128.00	35.00	32.00	91.43	-	183.00	-	40.00	37.00	92.50	-
Total: 5-Wel. of SCs/STs/OBCs	151.00	115.53	194.29	160.00	117.00	159.43	1200.00	963.00	80.25	219.00	122.00	139.98	-
6. Labour & Labour Welfare	39.00	-	-	45.00	-	-	295.00	-	-	58.00	-	-	-
7. Social Welfare:													
a) Social Welfare	103.00	20.00	19.42	850.00	20.00	2.35	4650.00	165.00	3.55	910.00	32.00	3.52	-
b) Spl. Nutrition Programme including ICDS.	175.00	80.00	45.71	225.00	100.00	44.44	2900.00	1008.00	34.75	485.00	200.00	41.23	-
Sub-total: 7-Social Welfare	278.00	100.00	65.13	1075.00	120.00	6.79	7550.00	1173.00	38.30	1395.00	332.00	44.75	-
TOTAL-XI-SOCIAL SERVICES	7173.00	1028.70	14.34	11287.00	1485.00	13.15	92103.00	14651.50	15.91	15990.00	2300.75	14.95	-
TOTAL: B-SOCIAL SERVICES	7173.00	1028.70	14.34	11287.00	1485.00	13.15	92103.00	14651.50	15.91	15990.00	2300.75	14.95	-

- 7 Lh -

1 2 3 4 5 6 7 8 9 10 11 12 13 14

C.GENERAL SERVICES

XII-GENERAL SERVICES

1.Stationery & Printing	41.00	-	-	60.00	-	-	550.00	-	-	100.00	-	-
2.Pooled non-residential Govt. buildings	345.00	-	-	500.00	-	-	2450.00	-	-	475.00	-	-
3.Others:												
a) H.I.P.A.	29.00	-	-	30.00	-	-	300.00	-	-	50.00	-	-
b)Nucleus Budget for Tribal Areas	39.00	-	-	53.00	-	-	265.00	-	-	53.00	-	-
c)Tribal Dev.Machinery	3.00	-	-	7.00	-	-	53.00	-	-	9.00	-	-
d)Equity for Ex-servicemen's Corpn(PEXS)	26.00	-	-	26.00	-	-	175.00	-	-	35.00	-	-
e)Jails	-	-	-	-	-	-	320.00	-	-	45.00	-	-
Sub-total(3)Others:	97.00	-	-	116.00	-	-	1113.00	-	-	207.00	-	-
TOTAL-C:GENERAL SERVICES	483.00	-	-	676.00	-	-	4130.00	-	-	767.00	-	-

-575-

GRAND TOTAL(A+B+C) 27732.00 3065.00 11.05 36000.00 4205.50 11.68 302200.00 33760.00 11.17 52600.00 6079.75 11.56



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**STATEMENTS**

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Code No.	Major Heads/Minor Heads of Development	1989-90			Total Seventh Plan		
		Approved outlay	Budgetted outlay	Expenditure	Approved 7th Plan outlay	Budgetted outlay	Expenditure
1	2	3	4	5	6	7	8
<b>A. ECONOMIC SERVICE :</b>							
<b>1. AGRICULTURE AND ALLIED ACTIVITIES :</b>							
<b>1012401</b>	<b>00 Crop Husbandry</b>						
	(a) Agriculture	833.00	993.43	993.43	3178.50	2752.63	2752.63
	(b) Horticulture	567.00	491.53	491.53	2385.00	1848.41	1848.41
	(c) Dry Land Farming	21.00	30.00	30.00	140.00	178.27	178.27
	Sub-total	1421.00	1514.96	1514.96	5703.50	4779.31	4779.31
<b>2402</b>	<b>00 Soil and Water Conservation :</b>						
<b>2406</b>	<b>01 (a) Agriculture</b>	172.00	132.44	132.44	800.00	543.51	543.51
<b>101</b>	<b>(b) Forest</b>	98.00	101.45	101.45	750.00	561.24	561.24
	Sub-total	270.00	233.89	233.89	1550.00	1104.75	1104.75
<b>2403</b>	<b>00 Animal Husbandry</b>						
<b>2404</b>	<b>00 Dairy Development</b>	204.00	206.62	206.62	926.00	824.44	824.44
<b>2405</b>	<b>00 Fisheries</b>	98.00	72.10	72.10	400.00	290.38	290.38
<b>2406</b>	<b>00 Forestry and Wild life</b>	111.00	116.64	116.64	400.00	329.77	329.77
	(a) Forestry	2387.00	2451.45	2451.45	11134.00	10149.30	10149.30
	(b) Wild life	89.00	97.08	97.08	550.00	336.50	336.50
	Sub-total	2476.00	2548.53	2548.53	11684.00	10485.80	10485.80
<b>2415</b>	<b>00 Agriculture Research and Education :</b>						
	(a) Agriculture	114.00	111.52	111.52	312.00	367.52	367.52
	(b) Horticulture	122.00	135.58	135.58	376.00	496.09	496.09
	(c) Animal Husbandry	71.00	71.23	71.23	70.00	199.61	199.61
	(d) Forests	78.00	76.74	76.74	70.00	214.59	214.59
	(e) Fisheries	6.00	6.00	6.00	15.00	18.00	18.00
	Sub-total	391.00	401.07	401.07	843.00	1295.81	1295.81

1	2	3	4	5	6	7	8	
2416	00	<b>Investment in Agriculture Financial Institutions :</b>						
		(a) Agriculture ..	5.00	5.00	5.90	35.00	29.00	29.00
		(b) Horticulture ..	113.00	485.00	485.00	540.00	1755.24	1755.24
		Sub-total ..	118.00	490.00	490.00	575.00	1784.24	1784.24
2435	01	<b>Marketing and Quality Control :</b>						
		(a) Agriculture ..	45.00	20.00	20.00	52.50	103.91	103.91
		(b) Horticulture ..	25.00	2988.17	2988.17	203.00	4070.09	4070.09
		Sub-total ..	70.00	3008.17	3008.17	255.50	4174.00	4174.00
2435	60	<b>Others :</b>						
		(a) Loans to Cultivators other than Horticulture Loans ..	5.00	5.00	5.00	25.00	21.17	5.00
2425	00	<b>Co-operation</b> ..	185.00	219.30	219.30	700.00	891.87	891.87
1010000	00	<b>Total—I</b> ..	<b>5349.00</b>	<b>8815.98</b>	<b>8815.98</b>	<b>23062.00</b>	<b>25981.54</b>	<b>25981.54</b>
		<b>II. RURAL DEVELOPMENT :</b>						
102	2501	00 <b>Special Programmes for Rural Development :</b>						
	2501	01 (a) Integrated Rural Development Programme (IRDP) and Allied Programmes ..	255.00	313.47	313.47	724.00	1196.14	1196.13
	2501	04 (b) Integrated Rural Energy Programme (IREP) ..	69.00	70.10	70.10	275.00	234.00	234.00
		Sub-total ..	324.00	383.57	383.57	999.00	1430.14	1430.14
102	2505	00 <b>Rural Employment :</b>						
		(a) N.R.E.P. ..	231.00	228.55	228.55	690.00	1020.71	1020.71
		(b) J.R.Y. ..	—	—	—	—	—	1020.71
		Sub-total ..	231.00	228.55	228.55	690.00	1020.71	252.00
102	2506	00 <b>Land Reforms :</b>						
		(a) Cadestral Survey and Record of Rights ..	222.00	230.67	230.67	670.00	955.29	955.29
		(b) Supporting Services ..	1.00	1.00	1.00	5.00	4.50	4.50
		(c) Consolidation of Holdings ..	120.00	128.37	128.37	425.00	521.58	521.58
		(d) Strengthening of LRA. ..	74.00	83.40	83.40	110.00	232.66	232.66
		(e) Revenue Housing ..	19.00	14.93	14.93	75.00	96.03	96.03
		(f) Forestry Settlement ..	27.00	26.27	26.27	80.00	117.35	117.35
		Sub-total (2506-00) ..	463.00	484.64	484.64	1365.00	1927.41	1927.41
2515	00	<b>Others :</b>						
		1. Community Development ..	105.00	86.83	86.83	435.00	416.95	416.95
		2. Panchayats ..	62.00	52.84	52.84	140.00	194.93	194.93

			4	5	6	7	8		
103	0000	00	III. Special Area Programmes						
			IV. IRRIGATION & FLOOD CONTROL :						
104	2701	00	Major and Medium Irrigation	207.00	206.87	206.87	1350.00	913.87	913.87
2702	00		Minor Irrigation :						
			(i) Irrigation & Public Health, Including USAID and R.D. Components	1713.00			5400.00		
			(ii) Rural Development Department	30.00	1687.48	1687.48	—	5798.95	5798.95
			Sub-total	1743.00	1687.48	1687.48	5400.00	5798.95	5798.95
2702	00		Command Area Development	30.00	29.85	29.85	300.00	154.02	154.02
2711	00		Flood Control	88.00	74.71	74.71	400.00	307.61	307.61
104	000	00	Total—IV	2068.00	1998.91	1998.91	7450.00	7174.45	7174.45
			V. ENERGY:						
105	2801	00	Power:						
			(a) Generation	2746.00	2883.93	2883.93	15423.00	19511.08	19511.08
105	2801	05	(b) Transmission and Distribution	1681.00	1737.30	1737.30	6400.00	8324.63	8324.63
105	2801	06	(c) Rural Electrification	763.00	902.00	902.00	3638.00	5942.96	5942.96
			(d) Survey & Investigation	90.00	141.10	141.10	—	320.80	320.80
			(e) Board's Buildings	17.00	87.89	87.89	550.00	261.31	261.31
			(f) Renovation and Modernisation of Power Houses	50.00	62.93	62.93	—	386.83	386.83
			Sub-total—(Power)	5347.00	5815.15	5815.15	26011.00	34747.61	34747.61
105	2810	00	Non Conventional Energy Sources— Development of New and Renewable Sources of Energy:						
01			Bio Gas Development	80.00	80.00	80.00	450.00	391.15	391.15
02	038	60	Solar, wind and other energy sources	15.00	15.05	15.05	25.00	37.00	37.00
105	0000	00	Total—V	5442.00	5910.20	5910.20	26486.00	35175.76	35175.76
106	0000		VI. INDUSTRIES AND MINERALS:						
106	2851		Village and Small Industries	314.00	317.68	317.68	1030.00	1277.68	1277.68
2852	00		Large and Medium Industries	589.00	755.73	755.73	1461.00	2865.04	2865.04
2853	00		Mining	18.00	23.06	23.06	150.00	92.59	92.59
			Total—(VI)	921.00	1096.47	1096.47	2641.00	4235.31	4235.31

1	2	3	4	5	6	7	8		
107	0000	<b>VII. TRANSPORT:</b>							
	3053	00	Civil Aviation	57.00	504.56	504.56	800.00	682.60	682.60
	3054	00	Road and Bridges	3526.00	3635.00	3635.00	12725.00	15871.16	15871.16
	3055	00	Road Transport	678.00	357.20	357.20	2325.00	2875.25	2875.25
	3056	00	Inland Water Transport	3.00	1.44	1.44	50.00	19.46	19.46
	3075	00	Other Transport Services						
			(a) Ropeways/Cableways	26.00	—	—	475.00	17.97	17.97
			(b) Tele-Communication	—	—	—	10.00	—	—
			(c) I.M.T. Studies	1.00	—	—	65.00	2.31	2.31
			Sub-total (a+b+c)	27.00	—	—	550.00	20.28	20.28
107	0000	00	<b>Total—VII</b>	<b>4291.00</b>	<b>4498.20</b>	<b>4498.20</b>	<b>16450.00</b>	<b>19468.75</b>	<b>19468.75</b>
108	0000	00	<b>VIII. COMMUNICATION</b>	—	—	—	—	—	—
109	0000		<b>IX. SCIENCE TECHNOLOGY AND ENVIRONMENT</b>						
109	3425	00	Scientific Research	20.00	20.00	20.00	75.00	63.68	63.68
	3435	00	Ecology and Environment	4.00	—	—	25.00	—	—
		04	Water and Air Pollution Board	10.00	8.00	8.00	25.00	27.75	27.75
109	0000	00	<b>Total—IX</b>	<b>34.00</b>	<b>28.00</b>	<b>28.00</b>	<b>125.00</b>	<b>91.43</b>	<b>91.43</b>
110	0000		<b>X. GENERAL ECONOMIC SERVICES:</b>						
110	3451	00	Secretariat Economic Services	60.00	38.75	31.75	50.00	196.66	196.66
	3452	00	Tourism	140.00	132.53	132.53	800.00	636.67	636.67
	3454	00	Survey and Statistics	14.00	14.20	14.20	28.00	44.14	44.14
	3455	00	Civil Supplies	62.00	45.26	45.96	295.00	265.32	265.32
	3470		Weights and Measures	5.00	3.66	3.66	16.00	17.55	17.55
	3475	00	Other General Services						
			(a) Institutional Finance	5.00	5.00	5.00	31.00	23.92	23.92
			(b) District Planning	500.00	460.79	460.79	500.00	1215.30	1215.30
110	0000	00	<b>Total—X</b>	<b>786.00</b>	<b>700.19</b>	<b>700.19</b>	<b>1720.00</b>	<b>2399.56</b>	<b>2399.56</b>
			<b>TOTAL—(A) GENERAL ECONOMIC SERVICES I TO X</b>	<b>20076.00</b>	<b>24284.38</b>	<b>24284.38</b>	<b>81563.00</b>	<b>99516.94</b>	<b>99516.94</b>
200	0000		<b>(B) SOCIAL SERVICES:</b>						
221	0000		<b>XI EDUCATION:</b>						
221	2202	01	(a) Primary Education	605.00	492.08	492.08	970.90	1860.73	1860.73
			Sub-total (a)	605.00	492.08	492.08	970.90	1860.73	1860.73
			Sub-total (a+b+c)	605.00	492.08	492.08	970.90	1860.73	1860.73
			Sub-total (a+b+c)	605.00	492.08	492.08	970.90	1860.73	1860.73
			Sub-total (a+b+c)	605.00	492.08	492.08	970.90	1860.73	1860.73

2205	00	Arts and Culture	96.00	95.00	95.00	300.00	510.70	510.70
		Others:						
		(a) Mountaineering & Allied Sports	33.00	30.77	30.77	100.00	116.81	116.81
		(b) Gazetteer	5.00	5.57	5.57	20.00	19.20	19.20
		Sub-total	38.00	36.34	36.34	120.00	136.01	136.01
221	0000 00	<b>Total—Education and Allied</b>	<b>2997.00</b>	<b>2924.12</b>	<b>2924.12</b>	<b>6520.00</b>	<b>10069.22</b>	<b>10069.22</b>
222	2210 00	<b>HEALTH:</b>						
		1. Allopathy	710.00	754.37	754.37	1775.00	3194.95	3194.95
		2. Ayurveda and other ISMS	99.00	112.14	112.14	250.00	422.28	422.28
		3. Medical Education	169.00	166.68	166.68	600.00	729.63	729.63
		<b>Total—Health</b>	<b>978.00</b>	<b>1033.19</b>	<b>1033.19</b>	<b>2625.00</b>	<b>4346.86</b>	<b>4346.86</b>
223	2215 00	<b>WATER SUPPLY AND SANITATION</b>						
		(1) Water Supply:						
		(a) Urban Water Supply	177.00	153.62	153.62	550.00	701.50	701.50
		(b) Rural Water Supply						
		(i) I & P H	1782.00	1701.97	1701.97	7625.00	8085.54	8085.54
		(ii) Rural Development Deptt.				75.00		
		Sub-total—(b)	1782.00	1701.97	1701.97	7700.00	8085.54	8085.54
		<b>Total—Water Supply</b>	<b>1959.00</b>	<b>1855.59</b>	<b>1855.59</b>	<b>8250.00</b>	<b>8087.04</b>	<b>8087.04</b>
		(2) SEWERAGE AND SANITATION:						
		(a) Sewerage	21.00	14.00	14.00	200.00	114.47	114.47
		(b) Rural Sanitation	30.00	26.32	26.32	50.00	177.36	177.36
		(c) Low Cost Sanitation	10.00			125.00	92.47	92.47
		<b>Total—Sewerage and Sanitation</b>	<b>61.00</b>	<b>40.32</b>	<b>40.32</b>	<b>375.00</b>	<b>384.30</b>	<b>384.30</b>
223	2216 00	<b>(3) HOUSING (INCLUDING POLICE HOUSING)</b>						
		(a) Pooled Government Housing	144.00	341.86	341.86	500.00	1805.02	1805.02
		(b) Police Housing	61.00			80.00		
		(c) Loans to Government Employees	5.00	5.00	5.00	50.00	670.00	670.00
		(d) Housing Department	131.00	113.43	113.43	390.00	561.06	561.06
		(e) Rural Housing	20.00	22.84	22.84	30.00	77.48	77.48
		<b>Total—Housing</b>	<b>361.00</b>	<b>483.13</b>	<b>483.13</b>	<b>1500.00</b>	<b>3113.56</b>	<b>3113.56</b>
223	2217 00	<b>(4) URBAN DEVELOPMENT:</b>						
		(a) Town & Country Planning	48.00	56.80	56.80	275.00	242.80	242.80



1	2	3	4	5	6	7	8
	(b) Environmental Improvement of Slums ..	30.00	30.00	30.00	75.00	102.00	102.00
	(c) G.I.A to Local Bodies & Directorate of ULB ..	83.00	106.63	106.63	300.00	328.59	328.59
	(d) Urban Development Authority ..	107.00	113.00	113.00	150.00	1035.00	1035.00
	<b>Total—Urban Development ..</b>	<b>268.00</b>	<b>306.43</b>	<b>306.43</b>	<b>800.00</b>	<b>1708.39</b>	<b>1708.39</b>
	<b>Total—Water Supply &amp; Sanitation Housing and Urban Development ..</b>	<b>2649.00</b>	<b>2685.47</b>	<b>2685.47</b>	<b>10925.65</b>	<b>13993.29</b>	<b>13993.29</b>
224	2220 00 Information & Publicity ..	81.00	126.27	126.27	100.00	336.10	336.10
225	2225 00 Welfare of SC's/ST's/OBC's ..						
	1. Welfare of Backward Classes ..	126.00	77.77	77.77	352.00	393.64	393.64
	2. SC/ST Development Corporation ..	25.00	26.00	26.00	180.00	167.73	167.73
	<b>Total—Welfare of SC's/ST's/OBC's ..</b>	<b>151.00</b>	<b>103.77</b>	<b>103.77</b>	<b>532.00</b>	<b>561.37</b>	<b>561.37</b>
226	2230 00 Labour & Employment ..	39.00	37.97	37.97	50.00	105.45	105.45
	<b>SOCIAL WELFARE</b>						
227	2235 00 Social Welfare ..	103.00	66.55	66.55	170.00	268.27	268.27
227	2236 00 S.N.P. Including ICDS ..	175.00	296.55	296.55	282.00	603.53	603.53
	<b>Total—Social Welfare :</b>	<b>278.00</b>	<b>363.10</b>	<b>363.10</b>	<b>152.50</b>	<b>871.80</b>	<b>871.80</b>
200	0000 00 <b>TOTAL—(B) SOCIAL SERVICES ..</b>	<b>7173.00</b>	<b>7273.89</b>	<b>7273.89</b>	<b>21204.00</b>	<b>30284.09</b>	<b>30284.09</b>
	<b>XII (C) GENERAL SERVICES</b>						
342	2056 00 Jails: ..	—	—	—	—	—	—
	2058 00 Stationery and Printing ..	41.00	45.81	45.81	400.00	270.06	270.06
	2059 00 Public Works (Pooled Non Residential Government Building ..	345.00	369.49	369.49	1500.00	2139.37	2139.37
	2070 00 Others:						
	(a) HIPA ..	29.00	27.86	27.86	73.40	105.61	105.61
	(b) Nucleus Budget for Tribal Areas ..	39.00	38.44	38.40	175.00	177.96	177.96
	(c) Tribal Development Machinery ..	3.00	3.41	3.41	15.00	29.27	29.27
	(d) Equity to Ex-Servicemen Corpn. including PEXSEM ..	26.00	29.21	29.21	70.00	103.52	103.52
3	00 0000 00 <b>TOTAL—XII (C) GENERAL SERVICES ..</b>	<b>483.00</b>	<b>514.22</b>	<b>514.22</b>	<b>2233.00</b>	<b>2825.79</b>	<b>2825.79</b>
9	00 0000 00 <b>GRAND TOTAL—I to XII ..</b>	<b>27732.00</b>	<b>32072.49</b>	<b>32072.49</b>	<b>105000.00</b>	<b>132626.82</b>	<b>132626.82</b>

STATEMENT-II-A  
SEVENTH FIVE YEAR PLAN  
PHYSICAL TARGET AND ACHIEVEMENTS

Sl. No.	Item	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1989-90 Achievements
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
<b>AGRICULTURE AND ALLIED SERVICES:</b>							
<b>1. Agriculture:</b>							
<b>Agriculture/foodgrains kharif:</b>							
1.	Rice:						
	(a) Area	.. '000 hect.	101.00	89.78	105.00	89.78	89.78
	(b) Production	.. "mt.	130.00	95.86	140.00	95.86	95.86
2.	Maize:						
	(a) Area	.. "hect.	295.00	315.73	300.00	315.73	315.73
	(b) Production	.. "mt.	630.00	673.94	670.00	673.94	673.94
3.	Ragi:						
	(a) Area	.. "hect.	14.00	6.39	15.00	6.39	6.39
	(b) Production	.. "mt.	5.00	4.36	10.00	4.36	4.36
4.	Millets:						
	(a) Area	.. "hect.	30.00	18.02	32.00	18.02	18.02
	(b) Production	.. "mt.	5.00	7.27	18.00	7.27	7.27
5.	Pulses:						
	(a) Area	.. "hect.	45.00	29.40	55.00	29.40	29.40
	(b) Production	.. "mt.	16.00	7.11	30.00	7.11	7.11
	Total—Kharif Area	.. '000 hect.	485.00	459.32	507.00	459.32	459.32
	Total—Production	.. '000 mt.	786.00	788.54	868.00	788.54	788.54
<b>Rabi:</b>							
1.	Wheat:						
	(a) Area	.. "hect.	365.00	365.00	360.00	365.00	365.00
	(b) Production	.. "mt.	500.00	500.00	542.00	500.00	500.00
2.	Barley:						
	(a) Area	.. "hect.	44.00	44.00	45.00	44.00	44.00
	(b) Production	.. "mt.	50.00	50.00	70.00	50.00	50.00
3.	Gram:						
	(a) Area	.. '000 hect.	36.50	36.50	40.00	36.50	36.50
	(b) Production	.. '000 mt.	2.00	2.00	15.00	2.00	2.00
4.	Pulses:						
	(a) Area	.. '000 hect.	3.50	3.50	6.00	3.50	3.50
	(b) Production	.. '000 mt.	2.00	2.00	5.00	2.00	2.00
	Total—Rabi Area	.. '000 hect.	449.00	449.00	451.00	449.00	449.00
	Total—Production	.. '000 mt.	554.00	554.00	632.00	554.00	554.00
	Grand Total—Kharif and Rabi Area	.. '000 hect.	934.00	908.32	958.00	908.32	908.32
	Production	.. '000 mt.	1340.00	1342.54	1,500.00	1342.54	1342.54
<b>Commercial:</b>							
	Potato:						
	(a) Area	.. '000 hect.	16.00	16.00	18.00	16.00	16.00
	(b) Production	.. '000 mt.	150.00	135.00	160.00	135.00	135.00
	Vegetable:						
	(a) Area	.. '000 hect.	16.50	16.00	20.00	16.00	16.00
	(b) Production	.. '000 mt.	370.00	370.00	350.00	370.00	370.00

1	2	3	4	5	6	7	8
3.	Ginger:						
(a)	Area	.. '000 hect.	3.00	3.00	3.50	3.00	3.00
(b)	Production (Dryginger)	.. '000 mt.	2.10	2.10	2.80	2.10	2.10
4.	Oil Seeds:						
A.	Major oil seeds						
(i)	Ground nut	.. '000 mt.	} 12.50	} 12.50	} 10.00	} 12.50	} 12.50
(ii)	Castor seeds	.. "					
(iii)	Sesamum	.. "					
(iv)	Repeseed and mustard linseed	.. "					
	Total—(A)	..	12.50	12.50	10.00	12.50	12.50
B.	Others						
(a)	Soyabean Sunflower Ginli seed	.. '000 mt.	6.00	6.00	4.00	6.00	6.00
	Total —B	.. "	6.00	6.00	4.00	6.00	6.00
	Total—Oil seed A+B	.. "	18.50	18.50	14.00	18.50	18.50
3.	Improved Seed :						
1.	Production of seed						
(a)	Cereals	.. '000 qtls.	40.00	40.00	40.375	40.00	40.00
(b)	Pulses	.. "	4.50	4.50	3.000	4.50	4.50
(c)	Oil Seeds	.. "	1.20	1.20	0.350	1.20	1.20
	Total	.. "	45.70	45.70	43.725	45.70	45.70
2.	Distribution of seeds						
(a)	Cereals	.. "	40.00	32.314	40.375	32.314	32.314
(b)	Pulses	.. "	7.00	6.532	5.750	6.532	6.532
(c)	Oil seeds	.. "	2.50	1.571	0.350	1.571	1.571
	Total	.. "	49.50	40.416	46.475	40.146	40.146
4.	Chemical fertilizers						
(a)	Nitrogenous (N)	.. '000 mt.	19.20	23.62	19.20	23.62	23.62
(b)	Phosphatic (P)	.. "	5.00	5.27	4.00	5.27	5.27
(c)	Potassi (K)	.. "	2.80	3.81	2.80	3.81	3.81
	Total—N+P+K	.. "	27.00	32.70	26.00	32.70	32.70
5.	Plant Protection:						
(a)	Pesticides Consumption of tech. Grade material	.. '000 mt.	225.00	225.00	400.00	225.00	225.00
(b)	Area coverage	.. '000 hect.	418.00	418.00	430.00	418.00	418.00
6.	Area Under Distribution of:						
(a)	Fertilizer	.. '000 hect.	—	—	650.00	—	—
(b)	Pesticides	.. "	—	—	430.00	—	—
7.	High yielding varieties:						
1.	Rice:						
(a)	Total cropped area	.. "	100.00	100.00	105.00	100.00	100.00
(b)	Area under H.Y.V.	.. "	91.25	91.25	91.25	91.25	91.25
2.	Wheat:						
(a)	Total cropped area	.. "	365.00	365.00	360.00	365.00	365.00
(b)	Area under H.Y.V.	.. "	337.00	337.00	335.00	337.00	337.00
3.	Maize:						
(a)	Total cropped area	.. "	295.00	295.00	300.00	295.00	295.00
(b)	Area under H.Y.V.	.. "	100.00	100.00	90.50	100.00	100.00
	Total—Area under above cereals	.. "	760.00	760.00	765.00	760.00	760.00
	Total—Area under H.Y.V. above cereals	.. "	528.25	528.25	516.75	516.00	516.00

	1	2	3	4	5	6	7	8
<b>1. Agriculture Machinery And Implements:</b>								
1. Hand tools and implements to be distributed .. Nos.				17,000		17,000	—	—
2. Soil Conservation								
<b>A. Agriculture Department:</b>								
(a) Soil and water conservation on Agri. Land (non tribal area) .. Hect.			1,680	1,680	4,900	1,680	1,680	1,680
(b) Soil and water conservation on Agri. Tribal area .. "			252	252	1,200	252	252	252
(c) Survey of cultural waste land .. "			10,000	10,000	2,50,000	10,000	10,000	10,000
<b>USAID PROJECT:</b>								
(i) irrigation .. "			1,200	517	4,000	517	517	517
(ii) Chak Development .. "			1,200	517	4,000	517	517	517
<b>A. Forests Protective Afforestation conservation and demonstration .. hect.</b>			215		11,000			
<b>AGRICULTURAL MARKETING:</b>								
(a) Total No. of markets at mandi level .. Nos.			3	3	12	3	3	3
(b) Regulated markets .. "			12	12	48	12	12	12
(c) Sub market yard .. "			9	9	36	9	9	9
(d) Sub market-yard dev .. "			10	10	36	10	10	10
<b>3. Dryland farming:</b>								
1. Dev. of selected micro water-sheds								
(a) No. of water sheds taken up .. Nos.			5	5	100	5	5	5
(b) Area covered under water shed .. hect.			500	500	10,000	500	500	500
(c) Area under Land Dev .. hect.			—	—	—	—	—	—
(d) Construction of water harvesting Storage structure .. Nos.			5	5	100	5	5	5
2. Area covered outside the selected watershed by dryland farming practice .. Hect.			71,000	71,000	70,000	71,000	71,000	71,000
3. Adoption of dry farming practices in and outside the selected water sheds								
(a) Distribution of other improved Agriculture implements Seed-Cum-ferts drills .. No			17,000	17,000	17,000	17,000	17,000	17,000
(b) Distribution of chemical ferts .. M.T.			3600	3600	4,500	3600	3600	3600
(c) Distribution of seed-cum fertilizer drills .. No			—	—	—	—	—	—
(d) Distribution of improved drought resistant seeds .. oils			1,850	1850	1500	1850	1850	1850
(d) Bio gas Plant Dev. .. Nos.			3,000	3676	15,000	3676	3676	3676
<b>4. Horticulture:</b>								
1. Production of fruits:								
(a) Apples .. '000 tonnes			370.00	394.87	1672.00	1353.24	394.87	394.87
(b) Other temperate fruits .. "			35.00	39.63	167.00	111.58	39.63	39.63
(c) Nuts and dry fruits .. "			4.00	3.41	23.00	13.29	3.41	3.41
(d) Citrus .. "			30.00	12.32	149.00	48.30	12.32	12.32
(e) Other Sub-tropical fruits .. "			25.00	9.76	113.00	47.86	9.76	9.76
<b>Total :—</b> .. "			<b>464.00</b>	<b>459.99</b>	<b>2124.00</b>	<b>1574.27</b>	<b>459.99</b>	<b>459.99</b>

1	2	3	4	5	6	7	8
<b>2. Plant Production</b>							
(a)	Pesticide consumption (tech. grade material annually)	.. "	0.120	0.113	0.600	0.579	0.115
(b)	area coverage (an- nually) cumulative	.. 000 hect.	150.00	109.00	610.00	585.00	(Average) 109.00
<b>3. Area under fruits Plan- tation :</b>							
(a)	Apple	.. "	1.00	2.54	5.00	10.15	59.98
(b)	Other temperate fruits	.. "	2.00	0.63	7.50	4.30	27.95
(c)	Nuts and dry fruits	.. "	1.00	0.51	3.75	2.76	12.56
(d)	Citrus fruits	.. "	2.00	1.87	8.75	11.06	34.86
(e)	others tropical fruits	.. "	1.00	1.65	7.50	7.62	21.11
Total			7.00	7.10	32.50	35.89	156.46
<b>4. Top working of wild fruits Plants</b>							
	.. 000 Nos.		5.00	—	—	—	—
<b>5. Storage total Clod stog- age capacity owned with state hort. Produce Mar- keting and Processing Co- operation</b>							
(a)	with in state	.. 000tonns	—	—	—	—	5.00
(b)	out side the state	..	2.00	—	8.00	2.00	6.00
<b>5. Animal Husbandry :</b>							
<b>1. Live stock Production</b>							
1.	Milk	.. 000tonnes	515.00	529.19	515.00	529.19	529.19
2.	Eggs	.. Millions	49.00	49.122	49.00	49.122	49.122
3.	Wool	.. Lakh kg.	14.00	14.05	14.00	14.05	14.05
<b>Physical Proramme</b>							
<b>A. Cattle Buffalo Dev.</b>							
1.	ICDP Project	.. Nos	—	—	1	1	1
2.	Frozen Semen	.. Nos	—	—	2	2	2
3.	A.I. Proformed Liquid semen	.. Lakh	1.75	1.85,802	2.25	1.85,802	1.85,802
4.	No. of cross bred Cows available	.. Lakh	1.30	1.10	1.30	1.10	1.10
5.	Intensive Sheep Dev. projects	.. Nos.	—	—	1	1	1
<b>B. Sheep and Goat Dev Pre- gramme:</b>							
1.	Sheep breeding farms	.. Nos.	—	—	5	5	5
2.	Sheep and Wool exten- sion centres	.. Nos.	—	—	5	5	5
<b>C. Feed and fodder Dev:</b>							
1.	Fodder Seed Production forms	.. Nos.	—	—	2	2	2
<b>D. Live stock Health Pro- gramme:</b>							
1.	Veterinary clinic hos- pital	.. Nos.	—	—	257	230	230
2.	Veterinary dispansaries	.. "	62	62	550	514	514
<b>E. Dairy Dev:</b>							
1.	Fluid milk chilling Plants including composite and feeder balancing milk Plants in operation	.. No cum.	—	—	1	1	
2.	Milk Products factories including creameries in operation	.. "	—	—	3	3	
3.	Dairy Co-operation units	.. No	—	—	1	1	

	2	3	4	5	6	7	8
<b>Fisheries:</b>							
Fish Production :	..						
(a) Inland	.. 000 tonnes		4.30	4.62	5.00	4.62	4.62
Fish Seed Production :							
(a) Carp fry	.. Million		22.00	18.9	30.00	18.9	18.9
(a) Fish seed farms	.. Nos.		6	5	8	5	5
(b) Nursery Area	.. hect.		25	13	25	13	13
No. of Hatcheries and T. ing Rearunits	.. Numbers		6	6	7	6	6
<b>Forestry:</b>							
(i) Plantation of quick growing species	.. 000 hect.		1895	2025	28,400	13131	13131
(ii) Economic and Co- mmercial Plantation	.. "		2055	2275	25,900	14196	14196
(iii) Social forestry :							
(a) National Social forestry	.. "		20000	24832	1,12,833	100611	100611
(b) Rural fuel wood plantation	.. "		1900	2134	19,800	15218	15218
(c) Pasture improve- ment	.. hect.		890	911	9,700	5813	5813
Total—(iii) :	..		22,790	27877	1,42,333	121642	121642
<b>Afforestation :</b>							
(a) Trees Planted	.. Lakh Nos.		480.00	541.00	2456.83	1956.00	1956.00
(b) Trees survived	.. —		—	—	60% Average survival rate	—	—
Silvipastoral farming (CSS)	.. hect.		800	615	—	615	615
<b>IRDP:</b>							
(a) Total No. of families assisted	.. No.		2000	38417	1,55,000	159024	348015
(b) Total No. of S.C. famil- ies	.. "		4000	15320	61,000	83295	177491
(c) Total No. of S.T families	.. "		900	2942	10,000	15406	32724
(d) Youth trained under Trysem	.. "		1930	1856	9,000	10337	21955
(e) Youth self employed	.. No.		—	955	—	5378	12674
<b>IREP:</b>							
Solar cookers	.. No.		1895	1769	1464	1464	3233
Pressure cookers	.. No.		14726	9031	10832	10832	19863
Nutan Stove	.. No.		4238	1614	2669	2669	4283
Portable Chullah Low Altitude High Altitude	.. No.		500	754	704	704	1458
Improved Crematorium	.. No.		59	9	40	40	49
Community Light	.. 8 Points		5	—	8	8	8
Solar Water Heating system	..						
100 LPD	.. No.		200	258	24	24	282
200 LPD	.. No.		20	25	—	—	25
500 LPD	.. No.		35	9	14	14	23
1000 LPD	.. No.		4	7	—	—	7
Solar Pump	.. No.		3	—	9	9	9
Solar TV (with VCP)	.. No.		—	1	1	1	2
Smokeless chullah	.. No.		—	1391	11157	11157	12548
Community Solar cooker	.. No.		—	—	—	—	—
Solar stills	.. No.		—	—	—	—	—
Solar Driers	.. No.		—	—	—	—	—
Gasifiers Engines	.. No.		—	—	—	—	—
Improved water mills	.. No.		40	30	—	—	30
Aero-generator	.. KW		—	—	—	—	—

1	2	3	4	5	6	7
17.	Hydrant	.. No.	—	—	3	3
18.	Kerogas stove	.. No.	—	—	—	—
19.	P.V.Light Pole	.. Point	—	60	46	46
20.	Nursary (Kanal)	.. Kanal	—	—	—	—
21.	Passive Feature (Build)	.. Buildings	—	—	—	—
22.	Imp. Bukharis	.. No.	—	—	7	7
23.	Energy Plantation	.. Hect.	—	—	84.3	84.3
<b>9. NREP:</b>						
	(i) Employment generation	.. Lakhman days	32.04	37.86	32.04	37.86
	(ii) Assets created	.. No.	—	—	—	—
<b>10. Rural Sanitation:</b>						
	No. of households to be provided assistance for construction of rural sanitary latrines at the rate of Rs. 1200 per latrine	.. No.	1,885	19,65	14345	129,88
<b>11. Rural housing :</b>						
	Construction of two room tenements per houseless people at the rate of Rs. 6,000/- Per house less Person	..	373	341	1304	1209
<b>12. Land reforms :</b>						
	(a) Cadastral Survey (Kangra Dev.) and record of Rights (Shimla Div.)	Khasra No.	88,985 84,000	95,323 81,020	5,88,574 5,28,934	6,64,946 3,78,216
	Total	..	1,72,985	1,76,343	11,17,508	10,43,162
	(b) Forest Settlement operation	Hect.	9753-83-00	9288-05-87	1135-43-11-56	45036-99-40
						118561
<b>13. Co-operation :</b>						
1.	Short terms loans advanced	Rs. in crore	8.00	8.00	8.00	8.00
2.	Medium terms loans advanced	.. -do-	14.00	14.00	14.00	14.00
3.	Long terms Loans advanced	.. "	4.00	4.00	4.00	4.00
4.	Agriculture Produce Marketed	.. "	16.00	17.50	15.00	17.50
5.	Value of fertilizer retailed by Co-operatives	.. "	25.00	25.00	20.00	25.00
6.	Whole sale of fertilizer	.. "	—	—	—	—
7.	Retail Sale of Consumer articles through Coops in urban and rural areas	.. '000 M.T.	47.50	47.50	42.00	47.50
8.	Capacity of Co-operative Godowns Constructed	.. "	200	200	192	200
9.	Processing units:					
	(i) Organised	.. No.	12	12	12	12
	(ii) Installed	.. "	12	12	12	12
	(iii) Cold Storage to be organised	.. "	—	—	—	—
10.	Distribution of consumer article in rural and urban area		—	—	—	—
<b>14. Panchayats :</b>						
1.	Loan for creation of remunerative assets	.. No of building/orchards/stall etc.	6	3	30	18

	2	3	4	5	6	7	8
2. Matching Grant to Panchayats ..	No		500	—	2,500	1,700	1,700
3. Construction and repair of Panchayat Ghars ..	"		33	—	230	150	150
4. Assistance to Panchayat Libraries ..	"		2,597	—	12980	10388	10388
5. Panchayats Prize Competition Scheme ..	Panchayat		15	15	75	60	60
6. Creation of Planning and monitoring Cell ..	Persons		4	—	20	—	—
7. Construction of buildings of Panchayat training Institute, Mashobra/Bajjnath ..	Nos.		—	—	2	2	2
8. Construction of Samiti/Zila Parishad buildings ..	"		6	—	5	10	10
9. Organisation of Panchayat Samelan ..	"		—	—	1	—	—
10. Grant to Panchayats for discharge of municipal functions ..	"		60	9	241	69	69
11. Training to newly elected representatives of Panchayati Raj Bodies ..	—		—	—	—	—	—
<b>5. Irrigation and Flood Control :</b>							
(1) Major irrigation ..	Hect.		—	—	—	—	—
(2) Medium irrigation Scheme ..	"		400	250	4,000	1750	8136
(3) Minor irrigation Scheme ..	"						
I State sector IPH ..	"		300	302	3,000	9600	66944
II USAID IPH ..	"		2,500	—	10,000	—	—
Total—Minor irrigation ..	"		2,800	302	13,000	9600	66944
<b>3. Command Area Development</b>							
(a) Field Chaneal Development ..	"		1,900	1605	8000	5446	5446
(b) Warabandi ..	"		600	800	8000	2846	2846
4. Flood Control-Work (Area provided with Protection)..	"		240	326	1500	2740	5000
<b>6. Power :</b>							
1. Installed Capacity ..	MW Cumulative)		—	120.00	144.00	139.50	272.07
▲ Electricity generated ..	MKWH		1,236.00	935.506	4823.00	3363.202	3363.202
3. Electricity Sold (including in and out side State) ..	"		1,872.00	1256.590	7173.00	4862.246	4862.246
<b>(b) Rural Electrification :</b>							
1. Villages electrified ..	No. cumulative		—	—	—	—	—
2. Pump Set energised by electricity	}	"	20	188	500	361	361
3. Tube well energised by electricity							
(c) Transmission lines (220 KV and above) ..	Km		—	149.107	192.15	166.135	165.135



1	2	3	4	5	6	7	8
<b>17. Road and Buildings :</b>							
(i) Motorable roads	..	Km	200	412	1760	1867	1556
(ii) Jeepable roads	..	"	12	20	179	147	83
(iii) Cross drainage	..	"	110	90	1755	851	749
(f) Metalling and Tarring	..	"	90	110	874	954	639
(v) Bridges	..	No.	18	24	194	144	75
(vi) Villages	..	"	35	40	835	333	741
(vii) Cable Ways	..	Km.	2	—	300	12	1
<b>18. Industries :</b>							
<b>Village and Small Industries :</b>							
1. <i>Small Scale Industries :</i>							
(a) Units functioning	..	S.S.I.Nos.	1100	1251	3000	7068	20,00
(b) Artisans	..	Artisans	5500	3855	21000	25602	35,00
(c) Persons employed	..	SSI	8800	7587	40000	48160	1,50,00
2. <i>Industrial Area Estate:</i>							
(a) Estates/Area Functioning	Nos.		3	—	13	6	2
(b) Number of units	..	"	85	48	400	273	145
(c) Employment		Persons	550	245	2000	1537	50,00
3. <i>Handloom Industries :</i>							
(a) Production	..	Lakh mtrs.	1.70	1.26	6.79	8.73	1.5
(b) Employment	..	Persons	535	372	3000	1566	37
4. <i>Power loom Industries :</i>							
(a) Production	..	Lakh mtrs.	220.00	295.00	4500.00	1198.64	20
(b) Employment	..	Persons	250	275	1,000	1179	30
5. <i>Handi Crafts Industries:</i>							
(a) Production (Value)	..	Lakh Rs.	22.00	17.37	158.44	86.96	18.0
(b) Employment :	..	Persons	375	211	2200	897	2
6. <i>Sericulture Industries :</i>							
(a) Production of Raw Silk		In Kg	4500	8150	20000	29371	81
(b) EMPLOYMENT:							
(i) Part-Time	..	Lakh man day	3.00	6.12	15.00	16.60	6.0
(ii) Full Time	..	—	—	—	500	—	—
7. KHADI AND VILLAGE INDUSTRIES:							
(A) WITHIN THE PURVIEW OF K.V.I.C.							
(a) Production (Value)	..	Lakh Rs.	1500.00	1817.00	3200.00	5802.63	1800.0
(b) EMPLOYMENT:							
(i) Full Time	..	Persons	20,000	78	30,000	80,647	30
(ii) Part-Time	..	"	18,270	1,300	50,000	83,795	35
(B) OUTSIDE THE PURVIEW OF K.V.I.C.							
(a) Production (Value)	..	Lakh Rs.	50.00	5.87	345.00	108.95	30
(b) EMPLOYMENT							
(i) Full-Time	..	"	165	—	18,000	347	—

1	2	3	4	5	6	7	8
<b>8. DISTRICT INDUSTRIES CENTRES :</b>							
(a) Unit assisted ..Nos.			1,100	1,251	10,000	8,018	20,000
(b) No. of Artisans assisted ..Nos.			5,500	3,955	21,000	41,621	60,000
(c) Financial assistance rendered .. Lakhs Rs.			1600.00	2541.00	1620.00	8506.94	21000.00
<b>19. Tourism:</b>							
* (i) International tourist Arrivals .. No.			22,000	127,53	60,000	49,143	49,143
* (ii) Domestic tourist arrivals ..			9,50,470	11,08,620	30,00,000	28,21,498	28,21,498
(iii) Accommodation available Beds			75	50	500	355	355
<b>20. Civil Supplies:</b>							
1. Construction of godowns other than tribal areas .. Nos.							
			—	3	70	15	15
2. Fair Price shop opened :							
(a) Rural .. Nos.			—	45	—	215	215
(b) Urban .. Nos.			—	5	—	15	15
Total—Fair Price shops ..			—	50	—	230	230
<b>21. Education:</b>							
1. Elementary education age group (6—11):							
(i) Enrolment (All) :							
(a) Boys .. '000'			8.00	8	381	—	—
(b) Girls .. '000'			10.00	10	(40)	(37.6)	378.6
Total ..			18.00	18	339	(60)	(39.9)
					720	—	—
					100	77.5	697.5
(ii) ENROLMENT RATIO:							
(a) Boys .. %			110	109	110	109	—
(b) Girls .. %			100	94	100	94	—
Total ..			103	102	105	102	—
<b>SCHEDULED CASTES:</b>							
(i) Enrolment							
(a) Boys .. '000			—	—	98	—	—
(b) Girls .. '000			2.6	2.6	(15)	14.7	97.7
Total ..			4.4	4.4	83.0	(20)	18.5
			7.00	7.00	181	—	—
					(35)	33.2	179.2
(ii) ENROLMENT RATIO:							
(a) Boys .. %			100	113	100	113	—
(b) Girls .. %			89	98	89	98	—
<b>SCHEDULED TRIBES:</b>							
(i) Enrolment:							
(a) Boys .. '000			—	—	18.4	—	—
(b) Girls .. '000			0.4	0.4	(4)	2.7	17.1
Total ..			0.5	(0.5)	12.6	—	—
			0.19	—	31.0	—	—
			(0.9)	(0.9)	(8)	(6.2)	(29.2)

aring 1987 only  
 urist figures are only for last three years.

1	2	3	4	5	6	7	8
<b>(ii) Enrolment Ratio:</b>							
(a) Boys	..	%	93	113	99	99	—
(b) Girls	..	..	71	80	71	80	—
Total	..	..	85	94	85	94	—
<b>MIDDLE CLASSES VI—VIII ..</b>							
<b>(i) Enrolment (All) :</b>							
(a) Boys	..	'000	203(5)	203(5)	(15)	203(39)	203(39)
(b) Girls	..	..	150(11)	150(11)	45	150(50)	150(50)
Total	..	..	353(16)	353(16)	324(60)	353(89)	353(89)
<b>(ii) Enrolment ratio:</b>							
(a) Boys	..	%	101	101	89	101	101
(b) Girls	..	..	77	77	74	77	77
Total	..	..	89	89	82	89	89
<b>SCHEDULED CASTES:</b>							
<b>(i) ENROLMENT:</b>							
(a) Boys	..	'000	43.7 (2)	43.7 (2)	42.0 (10)	43.7 (11.7)	43.7 (11.7)
(b) Girls	..	..	30.6 (3.5)	30.6 (3.5)	32.0 (15)	30.6 (13.6)	30.6 (13.6)
Total	..	..	74.3 (5.5)	74.3 (5.5)	74.0 (25)	74.3 (25.3)	74.3 (25.3)
<b>(ii) ENROLMENT RATIO:</b>							
(a) Boys	..	%	88	88	75	88	88
(b) Girls	..	..	64	64	60	64	64
Total	..	..	76	76	68	68	68
<b>SCHEDULED TRIBES:</b>							
<b>(i) Enrolment :</b>							
(a) Boys	..	'000	7.6 (.8)	7.6 (8)	7.4 (2)	7.6 (2.2)	7.6 (2.2)
(b) Girls	..	..	4.0 (.5)	4.0 (.5)	3.9 (1.8)	4.0 (1.9)	4.0 (1.9)
Total	..	..	11.6 (1.3)	11.6 (1.3)	11.3 (3.8)	11.6 (4.1)	11.6 (4.1)
<b>(ii) Enrolment ratio:</b>							
(a) Boys	..	%	82	82	69	82	82
(b) Girls	..	%	44	44	39	44	44
Total	..	..	63	63	54	63	63
<b>2. SECONDARY CLASSES(IX-X)</b>							
<b>(i) Enrolment (All)</b>							
(a) Boys	..	000	77.8(4.0)	77.8(4.0)	95(20)	77.8(2.8)	77.8(2.8)
(b) Girls	..	..	45.9(4.0)	45.9(4.0)	54(20)	45.9(11.9)	45.9(11.9)
Total	..	..	123.7(8.0)	123.7(8.0)	149(40)	123.7(14.7)	123.7(14.7)

	2	3	4	5	6	7	8
<b>(ii) Enrolment Ratio:</b>							
(a) Boys	..	%	64	64	78	64	64
(b) Girls	..	"	38	38	45	38	38
Total	..	"	52	52	62	52	52
<b>SECONDARY CLASSES (XI-XII)</b>							
<b>(i) Enrolment:</b>							
(a) Boys	..	'000	29.8(2.8)	29.8(2.8)	20.00	29.8(29.8)	29.8(29.8)
(b) Girls	..	'000	13.2(2.6)	13.2(2.6)	4.00	13.2(13.2)	13.2(13.2)
Total	..	"	43.0(5.4)	43.0(5.4)	24.00	43.0(43.0)	43.0(43.0)
<b>(ii) Enrolment ratio:</b>							
(a) Boys	..	%	30	30	20	30	30
(b) Girls	..	%	13	13	4	13	13
Total	..	"	21	21	12	21	21
<b>(iii) Enrolment in vocational courses:</b>							
<b>(1) Post high School stage:</b>							
(a) Total	..	No.	1000(500)	1,000(524)	—	1,000	1,000
(b) Girls	..	"	—	—	—	—	—
<b>(iv) Enrolment of Non-formal class age-group 11—14 (3 Years)</b>							
(a) Total	..	No.	—	—	13,000	1,500	1,500
(b) Girls	..	"	—	—	5,000	1,000	1,000
<b>3. ADULT EDUCATION:</b>							
<b>(i) No of Participants (15—35 Years)</b>							
(a) Total	..	'000	80.00	80.00	240	265.8	331.4
<b>(ii) No of centres:</b>							
(a) under central sector	..	Nos.	—	—	1,200	1,200	1,200
(b) Under state sector	..	Nos.	100.00	—	1,200	1,200	1,100
(c) Voluntary agencies	..	"	—	—	—	—	—
(d) others	..	"	—	—	—	—	—
<b>(V) MIDDLE SCHOOLS:</b>							
1. Opening of Middle schools	..	"	70	70	300	274	—
2. Teachers in New middle schools	..	"	420	420	1,800	1,644	1,150
3. Additional teachers	..	"	—	—	300	85	—
<b>4. INCENTIVE (BENEFICIARIES) : (CLASS VI TO VIII)</b>							
(a) Free clothing	..	'000	1.6	1.6	15.00	9.3	—
(b) Free Text Books	..	"	5.0	5.0	71.5	19.3	—
(c) Attendance scholarship	..	"	2.4	2.4	9.4	10.9	—
(d) Merit Scholarship	..	"	0.3	0.3	1.00	0.5	—
(e) Scholarship to SC girls	..	"	9.8	8.6	50.5	48.6	—
<b>V.I. SECONDARY SCHOOLS :</b>							
1. Opening of high schools	..	Nos.	120	120	100	204	987
2. Sr. secondary schools	..	"	39	39	100	150	150
<b>TEACHERS IN SECONDARY SCHOOLS:</b>							
(a) Teachers in new Higher Sr. Schools	..	Nos.	480	480	400	815	6300
(b) Additional teachers in Higher Sr. Schools	..	"	—	—	425	205	—
(c) Teachers in Sr. Secondary Schools	..	"	429	429	—	1342	1547
(d) Additional Teachers in Sr. Secondary schools	..	"	—	—	—	—	—

1	2	3	4	5	6	7
<b>VII. INCENTIVE (CLASS IX-X)</b>						
<b>BENEFICIARIES:</b>						
(a) Free text Books ..	'000	3.8	3.8	37.2	6.5	
(b) Free clothing ..	..	2.0	2.0	9.4	10.1	
(c) Merit scholarships ..	Nos.	0.4	0.4	2.0	0.5	
(d) Scholarships to S.C. Girls		2.1	2.1	10.9	10.1	
VIII. Free Hostels ..	..	—	—	10	5	2
IX. Opening of colleges ..	..	1	—	10	4	
X. Starting of evening classes ..	..	—	—	5	3	
XI. Sports hostels ..	..	—	—	4	5	
<b>I. LABOUR &amp; WELFARE (TECHNICAL EDUCATION):</b>						
<b>(I) CRAFTSMEN TRAINING:</b>						
(a) No of Industrial training Institute (ITIs) ..	32	31	51	31	31	3
(b) Intake capacity ..		2746	2746	13606	13606	1360
(c) No. of Person under going training ..		2998	2998	13332	13330	1332
(d) Out-turn ..		2678	2678	8003	8003	800
<b>II. APPRENTICESHIP TRAINING:</b>						
(a) Training places located ..	No	400	133	727	460	46
(b) Training places utilised ..	..	133	133	460	460	46
(c) Apprentices trained ..		450	58	767	375	37
<b>22. Youth Services and Sports :</b>						
(1) Stadia ..	46	18	9	32	10	1
(2) Play fields ..	100	—	—	100	114	11
(3) Youth centre cum Sports complex ..	1	—	—	1	—	—
(4) Distt. Youth centres ..	2	1	—	1	1	—
Total ..	149	19	9	134	125	12
<b>23. Health and Family Welfare:</b>						
(1) Opening of sub centres ..	No	235	235	560	560	184
(2) Opening of Primary Health centres/Subsidiary health centres ..	..	30	25	83	79	15
(3) Opening of community Health centres ..	..	3	3	7	7	2
(4) E.S.I. Dispensaries ..	..	1	—	3	3	—
<b>(5) MEDICAL EDUCATION:</b>						
Strengthening of Medical College:						
Admission:—						
1. MBBS Course ..	Nos.	65	65	325	325	32
2. Post Graduate Degree/- Diploma ..	..	40	28	68	62	6
3. Internship training ..	..	70	41	360	351	35
4. House Job ..	..	53	53	325	290	29
5. National scheme Mobile units set up ..	No.	—	—	—	—	—
<b>24. Sewerage and Water Supply</b>						
<b>A. Urban Water Supply:</b>						
<b>(f) CORPORATION WATER SUPPLY:</b>						
(a) Augmentation of water Supply ..	Med(000)	—	—	—	—	—
(b) Population covered ..	Lakh 000	—	—	—	—	—

1	2	3	4	5	6	7	8
<b>(ii) OTHER TOWNS:</b>							
<b>(a) Original Schemes:</b>							
Towns covered	.. Nos.	—	—	—	—	—	—
Population covered	.. Lakhs	—	—	—	—	—	—
<b>(b) Augmentation schemes:</b>							
Towns covered	.. No.	—	—	4	—	—	—
Population covered	.. Lakhs	—	—	0.56	—	—	—
<b>B. URBAN SANITATION:</b>							
<b>SEWERAGE SCHEMES:</b>							
<b>(i) Corporation</b>							
(a) Augmentation capacity	.. Med.	—	—	—	—	—	—
(b) Population covered	.. Lakh	—	—	—	—	—	—
<b>(ii) Other Towns:</b>							
<b>(a) Original schemes:</b>							
Towns covered	.. Nos.	—	—	1	1	1	1
Population covered	.. Lakh	—	—	0.03	—	—	—
<b>(b) Augmentation Schemes:</b>							
Towns covered	.. Nos.	—	—	—	—	—	—
Population covered	.. Lakh	—	—	—	—	—	—
<b>iii) Drainage schemes:</b>							
<b>(a) Original schemes:</b>							
Towns covered	.. Nos.	—	—	—	—	—	—
Population covered	.. Lakh	—	—	—	—	—	—
<b>(b) Augmentation schemes:</b>							
Town covered	.. Nos.	—	—	—	—	—	—
Population covered	.. Lakhs	—	—	—	—	—	—
<b>(IV) LATRINES CONVERSION PROGRAMME:</b>							
(a) Latrines covered	.. Nos.	—	—	—	—	—	—
(b) Towns covered	.. Nos.	—	—	—	—	—	—
(c) Population covered	.. Lakh	—	—	—	—	—	—
<b>I. CENTRAL SECTOR (ARWSP)</b>							
<b>(a) PIPED WATER SUPPLY:</b>							
Village covered	.. No.	140	154	—	1480	6909	—
Population covered	.. Lakh	0.25	—	—	—	—	—
<b>C. RURAL WATER SUPPLY:</b>							
<b>(i) MINIMUM NEEDS PROGRAMME:</b>							
<b>STATE SECTOR:</b>							
(a) Piped water supply village covered	.. Nos.	210	196	1,590	1,141	8,346	—
<b>B. Urban Development</b>							
<b>(i) Loans to local bodies/- Corporations</b>							
<b>Housing:</b>							
<b>▲ (1) Subsidy for the development of House-sites for landless workers in rural areas.</b>							
.. Plots		150	—	900	363	363	—
<b>(2) Subsidy for replacement of woden roofs into tin sheets</b>							
..	Targets not fixed	—	—	Not fixed	—	—	—
(3) Loans under LIGH scheme House		165	197	476	792	792	—
(4) Loans under V.I.H.P. scheme		10	—	70	34	34	—
(5) Loans under MIGH scheme		100	110	153	332	332	—
(6) Grant of loan to EWS ..		30	30	241	380	380	—
Total— 25 ..		455	337	1,840	1,901	1,901	—

1	2	3	4	5	6	7	8
(7) Pooled Non-Residential Building	..	Nos.	26	26	130	130	
(8) Pooled Government housing	..	Nos.	69	69	410	410	
<b>26. Urban Development:</b>							
(i) Preparation of Development Plan	..		—	—	—	—	
(ii) Town and regional Planning:							
(a) Master Plans prepared	..	No.	5	5	10	10	1
(b) Regional Plans prepared	..		—	—	2	—	
(iii) Environmental improvement of Slums (MNP) persons benefitted	..	Nos.	10,000	10,131	33,300	34,706	34,706
<b>27. Labour and Labour Welfare:</b>							
1. No. of employment exchanges	..	No.	—	—	—	1	
(i) University employment information guidance bureau	..	No.	—	—	—	1	
(ii) Opening of new sub-office Emp. Exchange	..	"	4	—	—	—	
(iii) Enforcement Vigilance Cell	..	"	1	—	—	—	
(iv) Project Employment Exchanges	..	No.	1	—	—	—	
<b>28. Labour Welfare:</b>							
(a) No. of Labour Colonies/ Officers:			—	—	—	—	
(i) Zonal Offices	..	"	—	—	8	—	
(ii) Setting up of women cell	..	"	1	—	—	—	
(iii) Opening of new labour Inspector's Office	..	"	1	—	—	—	
(iv) Opening of L.O's. office in tribal area Kinnaur district	..	"	—	—	—	—	
<b>29. I. Welfare of Scheduled Castes:</b>							
1. Economic betterment to S/C	..	No. of persons	900	900	660	2163	21
2. Award for inter-caste marriages	..	No. of couples	55	55	100	136	
3. Environmental improvement of Harijan Bastis	..	No. of basties	45	57	100	92	
4. Matching grant for CSS:							
(i) Book Banks	..	No. of Banks	—	—	—	—	
(ii) PCR Act	..		—	—	—	—	
(iii) Girls Hostels	..	No. of Girts hostels.	1	1	—	—	For completion of Girls Host
(iv) Scholarship to the Children of those who engaged in unclean occupations	..	No. of childrens	—	—	—	—	
5. Pre-examination coaching centres	..	No. of Centres(	1	1	1	1	
6. Electrification of S/C B/T houses	..	No. of houses	—	—	—	—	19,500 Scheme is operated by H.P.
7. Technical Scholarships	..	No. of students	290	512	7000	936	
8. Proficiency in typing of shorthand	..	No. of trainees	20	15	170	47	
9. D.W.S.S.	..	No. of schemes	10	14	100	47	
10. Housing subsidy	..	No. of beneficiaries.	500	703	1500	1796	
11. C/o houses for vulnerable groups	..	No. of houses	50	58	125	139	





1	2	3	4	5	6	7
3.	State homes	.. No. of homes	2	1	2	2
4.	Vocational training to women in distress	No. of women	5	1	2	2
<b>V. Welfare of Destitute:</b>						
1.	Marriage grant for destitute Girles/ Women	No. of .. womens	64	55	2500	303
2.	Financial assistace to destitute/Girls/ Women.	.. new Schemes	—	—	—	—
3.	Aged Homes	.. No. of homes	2	2	1	2
<b>VI. Others:</b>						
	Grant to other volunteer organisations	No. of agencies	12	3	7	22
	Special nutrition programmes	.. No. of beneficiaries.	44480	32650	24000	93508
<b>31. HIPA:</b>						
1.	Government of India sponsored course	.. ..	16	16	80	84
2.	HIPA/Sectt. Courses	.. ..	41	52	290	226
3.	Seminar/workshop	.. ..	1	10	15	18
4.	DTCs Courses	.. ..	150	144	1050	436
5.	IRDP Courses/Seminar	.. ..	13	16	31	48
6.	IRDP Courses at DTCs	.. ..	100	70	150	166
7.	Pre. Examination Coaching	.. ..	7	6	35	42

## STATEMENT-I—OUTLAY AND EXPENDITURE DURING THE SEVENTH PLAN

## Minimum Needs Programme

Rs. in Lakhs.

Code No.	Major Head/Minor Head of Development	1989-90			Total 7th Plan		
		Approved Outlay	Budgetted outlay	Expenditure	Appvd. Seventh Plan Outlay	Budgetted outlay	Expenditure
1	2	3	4	5	6	7	8
	Rural Electrification	36.00	28.88	28.88	286.00	257.25	257.25
	Rural Fuel wood	102.00	120.02	120.02	556.87	563.05	563.05
	Rural Roads	1197.00	1251.56	1251.56	4500.00	5563.93	5563.93
	Elementary Education	1100.00	976.22	976.22	2248.10	2617.86	2617.86
	Adult Education	40.00	34.27	34.27	53.45	77.86	77.86
	Rural Health	430.00	381.45	381.45	1002.80	1508.16	1508.16
	Rural Water Supply	1820.00	1701.97	1701.97	7700.00	8085.54	8085.54
	Rural Sanitation	30.00	25.70	25.70	50.00	177.36	177.36
	Rural House Site-cum-Construction Scheme :	22.62	22.84	22.84	30.00	77.48	77.48
	(a) Allotment of Sites						
	(b) Construction assistance (subsidy)	4.00	4.00	4.00	11.25	11.25	11.25
	Environmental Improvement of Slums	30.00	30.00	30.00	75.00	102.00	102.00
	Nutrition	200.00	296.55	296.55	282.00	603.53	603.53
	Public Distribution System	62.00	45.26	45.26	295.00	265.32	265.32
	Grand Total	5073.62	4918.72	4918.72	17090.47	19910.59	19910.59

## STATEMENT II-A—PHYSICAL TARGET AND ACHIEVEMENT DURING SEVENTH PLAN

## Minimum Needs Programme

Sl.No.	Item	Unit	1989-90		Total seventh Plan (1985-90)		Cumulative at the end of 1989-90
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
1.	Rural Electrification villages electrified	No.	*				
	*Only Intensive electrification work like release of Service connections improvement in voltage system etc. carried out 100% electrification Achieved ending 6/88						
2.	Rural fuel wood :						
	(i) Plantation	Hect.	1900	2134	19800	15218	15218
	(ii) Seeding distribution	Lakhs	..	..	..	..	..
	(iii) Area afforested	Hect.	..	..	..	..	..
3.	Rural Road :						
	(i) Motorable roads	Km.	145	230	1185	1107	1107
	(ii) Jeepable roads	Km.	10	15	82	111	111
	(iii) Cross-drainage	Km.	70	60	692	465	465
	(iv) Metalling & Tarring	Km.	60	75	485	561	561
	(v) Bridges	No.	14	17	70	81	81
	(vi) Villages	No.	18	22	221	186	186
4.	Elementary Education : I to V						
	1. Primary Education Enrolment (All Communities)	No.	160	160	750	634	7448
	Boys	000	8	8	40	37.6	378.6
	Girls	000	10	10	60	39.9	318.9
	Total	000	18	18	100	77.5	697.5
	Percentage to age group :						
	Boys	%	110	109	110	109	109
	Girls	%	100	94	100	94	94
	Total	%	103	102	105	103	103
	Scheduled Castes :	No.					
	Boys	000	2.6	2.6	15	14.7	97.7
	Girls	000	4.4	4.4	20	18.5	81.5
	Total	000	7.0	7.0	35	33.2	179.2
	Percentage to age group :						
	Boys	%	100	113	100	113	113
	Girls	%	89	98	89	98	98
	Total	%	95	106	107	106	106
	Scheduled tribes :	No.					
	Boys	000	0.4	0.4	4	2.7	17.1
	Girls	000	0.5	0.5	4	3.5	12.1
	Total	000	0.9	0.9	8	6.2	29.2
	Percentage to age group						
	Boys	%	99	113	99	99	113
	Girls	%	71	80	71	80	80
	Total	%	85	94	85	94	94
	II Middle classes VI-VIII						
	A. Enrolment (All):	No.					
	(a) Boys	000	203	203	179	203	203
			(5)	(5)	(15)	(39)	(39)
	(b) Girls	000	150	150	145	750	150
			(11)	(11)	(45)	(50)	(50)
	Total	000	353	353	324	353	353
			(16)	(16)	(60)	(89)	(89)
	II. Enrolment Ratio :						
	(a) Boys	%	101	101	89	101	101
	(b) Girls	%	77	77	74	77	77
	Total	..	89	89	82	89	89
	B. Scheduled Castes :						
	(i) Enrolment						
	(a) Boys	000	3.7	43.7	42	43.7	43.7
			(2.0)	(2.0)	(10)	(11.7)	(11.7)
	(b) Girls	000	30.6	30.6	32	30.6	30.6
			(3.5)	(3.5)	(15)	(13.6)	(13.6)
	Total	..	74.3	74.3	74.3	74.3	74.3
		..	(5.5)	(5.5)	(25.3)	(25.3)	(25.3)

	2	3	4	5	6	7	8	9
<b>ii) Enrolment Ratio:</b>								
(a) Boys	.. %			88	88	75	88	88
(b) Girls	.. %			64	64	60	64	64
(c) Total	.. "			76	76	68	68	68
<b>C. Scheduled Tribes :</b>								
<b>i) Enrolment</b>								
(a) Boys	..			2.8	2.8	—	2.8	2.8
	.. 000			(0.3)	(0.3)	—	(—)	(—)
(b) Girls	..			1.2	1.2	—	1.2	1.2
	.. 000			(0.2)	(0.2)	—	—	—
Total				4.0	4.0	(0.5)	4.0	4.0
				(0.5)	(0.5)	—	—	—
<b>ii) Enrolment Ratio</b>								
(a) Boys	.. "			50	50	—	50	50
(b) Girls	.. "			22	22	—	22	22
Total	.. "			36	36	—	36	36
<b>Adult Education :</b>								
(a) No. of participants	.. 000			80.0	80.0	240.0	265.8	231.4
(b) State sector	.. No.			100	—	1200	1100	1100
(c) Voluntary Agencies	.. "			—	—	—	—	—
(d) Other programmes	.. "			—	—	—	—	—
<b>5. Rural Health :</b>								
(a) Sub-centres	.. "			235	235	560	560	1849
(b) PHC's	.. "			30	25	83	79	190
(c) Community Health Centres	.. "			3	3	7	7	35
<b>7. Rural water Supply :</b>								
<b>I. State Sector :</b>								
(i) Villages covered by pipe water supply	.. No.			210	196	1,590	1141	8346
<b>Central Sector (ARWSP) :</b>								
(i) Villages Covered	.. No.			140	154	—	1480	6909
<b>3. Rural Sanitation</b>	.. No. of latrines <sup>1</sup>			1885	1965	14345	12988	13238
<b>2. Rural House Sities-cum-Construction schemes</b>	.. No. of Houses			373	341	1304	1269	1309
<b>1. Environmental Improvement of slums</b>	.. Persons			10,000	10,131	33,300	34,706	34,706
<b>II. Nutrition :</b>								
(a) Beneficiaries under special Nutrition programme in ICD&S Children 0-6 years	.. 000's							
(b) Beneficiaries under Special nutrition programme outside ICS Children 0-6 Women	.. 000's -do-							
Beneficiaries under mid-day meals programme	.. -do-							
<b>Public Distribution System :</b>								
(i) Construction of godowns	.. No.			—	3 (Solani Rohroo Dobra)	70	15	15
(ii) Purchase of trucks & Jeeps	.. "			—	—	—	—	—
(iii) Laboratories for quality control	.. "			—	—	—	—	—
(iv) Fair price shop opened	.. "			—	—	—	—	—
(a) Rural	.. "			—	45	—	215	215
(b) Urban	.. "			—	5	—	15	15
Total	..			—	50	—	230	230

\*Note —No target has been fixed by Govt. as whole of the population is being covered under the scheme. How ever fair prices shops are opened as and when the request received from the public.

## EIGHTH FIVE YEAR PLAN 1990-95 AND ANNUAL PLAN 1991-92

## Head of Development-wise outlay and Expenditure

(Rs. in lakh)

Code No.	Major Heads/Minor Heads of Development	Proposed 8th Plan outlay			Annual Plan 1990-91		Proposed Annual Plan 1991-92		
		State Sector	C.S.S	Total	Approved outlay	Anti. Exp.	State Sector	C.S.S	Total
1	2	3	4	5	6	7	8	9	10
<b>A. ECONOMIC SERVICES :</b>									
<b>I. AGRICULTURE AND ALLIED ACTIVITIES :</b>									
1012401	00 Crop Husbandry :								
	(a) Agriculture	5574.00	1810.00	7384.00	1089.00	1089.00	1063.00	390.00	1453.00
	(b) Horticulture	4900.00	206.00	5106.00	586.00	586.00	1008.00	46.00	1054.00
	(c) Dry Land Farming	125.00	—	125.00	25.00	25.00	25.00	—	25.00
	Sub-Total	10599.00	2016.00	12615.00	1700.00	1700.00	2096.00	436.00	2532.00
2402.	00 Soil and Water Conservation :								
	(a) Agriculture	1125.00	853.00	1978.00	197.00	197.00	217.00	122.00	339.00
2406	00 (b) Forests	1150.00	2899.00	4049.00	125.00	125.00	160.00	652.00	812.00
	Sub-Total	2275.00	3752.00	6027.00	322.00	322.00	377.00	774.00	1151.00
2403.	00 Animal Husbandry	1825.00	145.00	1970.00	256.00	256.00	282.00	32.00	314.00
2404	00 Dairy Development	625.00	—	625.00	100.00	100.00	115.00	—	115.00
2405	00 Fisheries	800.00	—	800.00	118.00	118.00	150.00	—	150.00
2406	00 Forestry & Wild Life:								
	(a) Forestry	22000.00	315.00	22315.00	2565.00	2565.00	3500.00	70.00	3570.00
	(b) Wild life	850.00	710.00	1560.00	105.00	105.00	125.00	155.00	280.00
	Sub-Total	22850.00	1025.00	23875.00	2670.00	2670.00	3625.00	225.00	3850.00
2415	00 Agriculture Research and Education :								
		1025.00	—	1025.00	127.00	127.00	174.00	—	174.00

		(d) For	560.00	—	560.00	88.00	88.00	100.00	—	100.00
		(e) Fisheries	35.00	—	35.00	5.00	5.00	6.00	—	6.00
		Sub-Total	3070.00	—	3070.00	430.00	430.00	540.00	—	540.00
2416	00	Investment in Agriculture Financial Institutions :								
		(a) Agriculture	50.00	—	50.00	133.00	133.00	10.00	—	10.00
		(b) Horticulture	150.00	—	150.00			20.00	—	20.00
		Sub-Total	200.00	—	200.00	133.00	133.00	30.00	—	30.00
2435	01	Marketing and Quality Control								
		(a) Agriculture	185.00	65.00	250.00	24.00	24.00	40.00	14.00	54.00
		(b) Horticulture	3840.00	—	3840.00	475.00	475.00	510.00	—	510.00
		Sub-Total	4025.00	65.00	4090.00	499.00	499.00	550.00	14.00	564.00
2435	60	Others:								
		(a) Loans to Cultivators other than Horticulture	5.00	—	5.00	1.00	1.00	1.00	—	1.00
2425	00	Cooperation	2150.00	—	2150.00	197.00	197.00	320.00	—	320.00
1010000	00	Total (I)	48424.00	7003.00	55427.00	6426.00	6426.00	8086.00	1481.00	9567.00

## II. RURAL DEVELOPMENT :

101	2501	00	Special Programmes for Rural Development :								
			(a) Antyodya	425.00	—	425.00	136.00	136.00	105.00	—	105.00
	2501	00	(b) Integrated Rural Development Programme (IRDP) and Allied Programmes	940.00	560.00	1500.00			155.00	125.00	280.00
	2501	04	(c) Integrated Rural Energy Programme (IR-EP)	405.00	165.00	570.00	70.00	70.00	98.00	20.00	118.00
			Sub-Total	1770.00	725.00	2495.00	206.00	206.00	358.00	145.00	503.00
102	2505	00	Rural Employment :								
			(a) Special Employment Programme	2000.00	—	2000.00	254.00	254.00	450.00	—	450.00
			(b) J. R. Y.	1003.00	4011.00	5014.00			250.00	817.00	1067.00
			Sub-Total	3003.00	4011.00	7014.00	254.00	254.00	700.00	817.00	1517.00
102	2506	00	Land Reforms :								
			(a) Cadestral Survey and Record of Rights	1500.00	40.00	1540.00	245.00	245.00	280.00	10.00	290.00
			(b) Supporting Services	5.00	—	5.00	1.00	1.00	1.00	—	1.00
			(c) Consolidation of Holdings	886.00	—	886.00	138.00	138.00	154.00	—	154.00
			(d) Strengthening of L.R.A.	730.00	—	730.00	80.00	80.00	135.00	—	135.00

1	2	3	4	5	6	7	8	9	10	
		(e) Revenue Housing	60.00	—	60.00	5.00	5.00	10.00	—	10.00
		(f) Forestry Settlement	190.00	—	190.00	31.00	31.00	35.00	—	35.00
		Sub-Total	3371.00	40.00	3411.00	500.00	500.00	615.00	10.00	625.00
2515	00	Others :								
		1. Community Development	750.00	—	750.00	95.00	95.00	127.00	—	127.00
		2. Panchayats	780.00	—	780.00	71.00	71.00	139.00	—	139.00
102	0000	00 Total—II	9674.00	4776.00	14450.00	1126.00	1126.00	1939.00	972.00	2911.00
103	0000	00 III. SPECIAL AREA PROGRAMMES								
		(a) Desert Development Programme	—	1500.00	1500.00	—	—	—	180.00	180.00
IV. IRRIGATION AND FLOOD CONTROL :										
104	2701	00 Major and Medium Irrigation	1765.00	—	1765.00	270.00	270.00	307.00	—	307.00
	2702	00 Minor Irrigation :								
		(a) Irrigation & Public Health, Including U.S.A.I.D and RD components	11000.00	—	11000.00	2225.00	2225.00	3350.00	—	3350.00
		(b) Rural Development Department	200.00	—	200.00			35.00	—	35.00
		Sub-Total	12965.00	—	12965.00	2495.00	2495.00	3692.00	—	3692.00
	2702	00 Command Area Development Flood Control	205.00	205.00	410.00	40.00	40.00	46.00	38.00	84.00
			600.00	—	600.00	90.00	90.00	100.00	—	100.00
104	000	00 Total—IV	13770.00	205.00	13975.00	2625.00	2625.00	3838.00	38.00	3876.00
V. ENERGY :										
105	2801	00 Power :								
		(a) Generation	40000.00	—	40000.00	4550.00	4550.00	5518.00	—	5518.00
105	2804	05 (b) Transmission and Distribution	10300.00	—	10300.00	450.00	450.00	1547.00	—	1547.00
105	2801	06 (c) Rural Electrification	4600.00	—	4600.00	750.00	750.00	825.00	—	825.00
		(d) Survey & Investigation	250.00	—	250.00	50.00	50.00	50.00	—	50.00
		(e) Board's Buildings	250.00	—	250.00				—	50.00
		(f) Renovation and Modernisation of Power Houses	600.00	—	600.00	50.00	50.00	50.00	—	10.00
		Sub-Total—(Power)	56000.00	—	56000.00	5850.00	5850.00	8000.00	—	8000.00
105	2810	00 Non Conventional Energy Sources Development of New and Renewable Sources of Energy								
01		Biogas Development	450.00	361.00	811.00	85.00	85.00	90.00	81.00	171.00
02	038	60 Solar, Wind and other energy sources	125.00	135.00	260.00	5.00	5.00	25.00	30.00	55.00
		Smokeless Chullaha	—	180.00	180.00	—	—	—	40.00	40.00
			676.00	576.00	594.00	594.00	815.00	151.00	815.00	

2852	00	Large an	Medium Industries	4652.00	3205.50	7857.50	650.00	650.00	755.00	769.55	1524.55
2853	00	Mining		400.00	—	400.00	30.00	30.00	45.00	—	45.00
Total—(VI)				10267.00	4543.00	14810.00	1100.00	1100.00	1802.00	1022.00	2824.00
107	0000	<b>VII. Transport :</b>									
3053	00	Civil Aviation		300.00	—	300.00	25.00	25.00	40.00	—	40.00
3054	00	Road and Bridges		27250.00	—	27250.00	3800.00	3800.00	5000.00	—	5000.00
3055	00	Road Transport		7431.00	—	7431.00	755.00	755.00	938.75	—	938.75
3065	00	Inland Water Transport		25.00	—	25.00	2.00	2.00	5.00	—	5.00
3075	00	Other Transport Services :									
		(a) Ropeways/Cableways		250.00	—	250.00	25.00	25.00	50.00	—	50.00
		(b) I.M.T. Studies		300.000	—	300.00	5.00	5.00	35.00	—	35.00
Sub-Total—(a+b).				550.00	—	550.00	30.00	30.00	85.00	—	85.00
107	0000	00	Total—VII	35556.00	—	35556.00	4612.00	4612.00	6068.75	—	6068.75
108	0000	00	<b>VIII Communication :</b>	350.00	—	350.00	50.00	50.00	60.00	—	60.00
109	0000	<b>IX. Science Techonology and Environment :</b>									
109	3425	00	(a) Scientific Research	535.00	65.00	600.00	16.00	16.00	85.00	15.00	100.00
			(b) Forensic Lab.	200.00	—	200.00	—	—	50.00	—	50.00
3435	00	Ecology and Environment		100.00	—	100.00	5.00	5.00	15.00	—	15.00
	04	Water and Air Pollution Board		150.00	—	150.00	15.00	15.00	25.00	—	25.00
109	0000	00	Total—IX	985.00	65.00	1050.00	36.00	36.00	175.00	15.00	190.00
110	0000	<b>X. General Economic Services :</b>									
110	3451	00	Secretariat Economic Services	400.00	—	400.00	68.00	68.00	70.00	10.00	80.00
	3452	00	Tourism	2325.00	—	2325.00	215.00	215.00	400.00	—	400.00
	3454	00	Survey and Statistics	90.00	—	90.00	15.00	15.00	17.60	—	17.60
	3455	00	Civil Supplies	3535.00	130.00	3665.00	557.00	557.00	700.00	30.00	730.00
	3470		Weights and Measures	47.00	—	47.00	7.00	7.00	9.00	—	9.00
	3475	00	Other General Services :								
			(a) Institutional Finance	50.00	—	50.00	6.00	6.00	10.00	—	10.00
			(b) District Planning	5038.00	—	5038.00	1276.00	1276.00	653.65	—	653.65
100	0000	00	Total—X	11485.00	130.00	11615.00	2144.00	2144.00	1860.25	40.00	1900.25
Total—(A) General Economic Services I to X				187086.00	18898.00	205984.00	24059.00	24059.00	31944.00	3899.00	35843.00



	1	2	3	4	5	6	7	8	9	10
<b>200</b>	<b>0000</b>	<b>XI. (B) Social Services :</b>								
221	0000	Education:								
221	2202	01 (a) Primary education	3310.00	1161.00	4471.00	520.00	520.00	590.00	250.00	840.00
221	2201	01 (b) General and University Edu. (other than Primary)	17500.00	1300.00	18800.00	2730.00	2730.00	3260.00	275.00	3535.00
		Total	20810.00	2461.00	23271.00	3250.00	3250.00	3850.00	525.00	4375.00
2203	00	Technical Education	4000.00	250.00	4250.00	425.00	425.00	544.00	40.00	584.00
2204	00	Youth Services and Sports	810.00	65.00	875.00	65.00	65.00	115.00	15.00	130.00
2205	00	Arts and Culture	653.00	22.00	675.00	98.00	98.00	110.50	4.50	115.00
		Others :								
		(a) Mountaineering and Allied Sports	270.00	—	270.00	40.00	40.00	60.00	—	60.00
		(b) Gazetteer	30.00	—	30.00	7.00	7.00	6.00	—	6.00
		Sub-Total	300.00	—	300.00	47.00	47.00	66.00	—	66.00
221	0000	00 Total—Education and Allied Services	26573.00	2798.00	29371.00	3885.00	3885.00	4685.50	584.50	5270.00
<b>222</b>	<b>2210</b>	<b>00 Health :</b>								
		1. Allopathy	6678.00	3570.00	10248.00	905.00	905.00	1130.00	800.00	1930.00
		2. Ayurveda and other ISMS	1500.00	—	1500.00	145.00	145.00	290.00	—	290.00
		3. Medical Education	1500.00	—	1500.00	215.00	215.00	270.00	—	270.00
		Total—Health	9678.00	3570.00	13248.00	1265.00	1265.00	1690.00	800.00	2490.00
<b>223</b>	<b>2215</b>	<b>00 Water Supply and Sanitation :</b>								
		1. Water Supply :								
		(a) Urban Water Supply								
		(b) Rural Water Supply	5000.00	—	5000.00	717.00	717.00	600.00	—	600.00
		(i) I&PH	21700.00	4050.00	25750.00	2308.00	2308.00	3500.00	910.00	4410.00
		(ii) Rural Dev. Deptt.								
		Sub-Total—(b)	21700.00	4050.00	25750.00	2308.00	2308.00	3500.00	910.00	4410.00
		Total—Water Supply	26700.00	4050.00	30750.00	3025.00	3025.00	4100.00	910.00	5010.00
		2. Sewerage and Sanitation :								
		(a) Sewerage	2250.00	—	2250.00	90.00	90.00	100.00	—	100.00
		(b) Rural Sanitation	625.00	—	625.00	20.00	20.00	125.00	—	125.00
		(c) Low Cost Sanitation	100.00	90.00	190.00	15.00	15.00	20.00	18.00	38.00

			(a) Pooled Government Housing	1350.00	—	1350.00	220.00	220.00	235.00	—	235.00
			(b) Police Housing	150.00	—	150.00	55.00	55.00	25.00	—	25.00
			(c) Loans to Government Employees	1500.00	—	1500.00	190.00	190.00	300.00	—	300.00
			(e) Housing Department	964.00	—	964.00	675.00	675.00	214.00	—	214.00
			(e) Rural Housing	125.00	—	125.00	10.00	10.00	20.00	—	20.00
			<b>Total Housing</b>	<b>4089.00</b>	<b>—</b>	<b>4089.00</b>	<b>1150.00</b>	<b>1150.00</b>	<b>794.00</b>	<b>—</b>	<b>794.00</b>
<b>223</b>	<b>2217</b>	<b>00</b>	<b>(4) Urban Development :</b>								
			(a) Town and Country Planning	500.00	—	500.00	55.00	55.00	70.00	—	70.00
			(b) Environmental Improvement of Slums	180.00	—	180.00	40.00	40.00	48.00	—	48.00
			(c) G.I.A. to Local Bodies and Directorate of ULB	600.00	475.00	1075.00	80.00	80.00	113.00	105.00	218.00
			(d) Urban Dev. Authority	250.00	—	250.00	260.00	260.00	50.00	—	50.00
			<b>Total—Urban Development</b>	<b>1530.00</b>	<b>475.00</b>	<b>2005.00</b>	<b>435.00</b>	<b>435.00</b>	<b>281.00</b>	<b>105.00</b>	<b>386.00</b>
			<b>Total—Water Supply and Sanitation Housing and Urban Development</b>	<b>35294.00</b>	<b>4615.00</b>	<b>39909.00</b>	<b>4735.00</b>	<b>4735.00</b>	<b>5420.00</b>	<b>1033.00</b>	<b>6453.00</b>
224	2220	00	Information & Publicity	530.00	—	530.00	100.00	100.00	105.00	—	105.00
225	2225	00	Welfare of SC's/ST's/OBC's								
			1. Welfare of Backward Classes	1000.00	—	1000.00	125.00	125.00	179.00	—	179.00
			2. S/C, S/T Corporation.	200.00	—	200.00	35.00	35.00	40.00	—	40.00
			<b>Total—Welfare of SC's/ST's/OBC's</b>	<b>1200.00</b>	<b>—</b>	<b>1200.00</b>	<b>160.00</b>	<b>160.00</b>	<b>219.00</b>	<b>—</b>	<b>219.00</b>
226	2230	00	Labour & Employment	280.00	15.00	295.00	45.00	45.00	55.00	3.00	58.00
			<b>Social Welfare :</b>								
227	2235	00	Social Welfare	4650.00	—	4650.00	850.00	850.00	910.00	—	910.00
227	2236	00	S.N.P. including ICDS	2900.00	—	2900.00	225.00	225.00	485.00	—	485.00
			<b>Total—Social Welfare</b>	<b>7550.00</b>	<b>—</b>	<b>7550.00</b>	<b>1075.00</b>	<b>1075.00</b>	<b>1395.00</b>	<b>—</b>	<b>1395.00</b>
2200	0000	00	<b>Total—(B) Social Services</b>	<b>81105.00</b>	<b>10998.00</b>	<b>92103.00</b>	<b>11265.00</b>	<b>11265.00</b>	<b>13569.50</b>	<b>2420.50</b>	<b>15990.00</b>
			<b>XII. (C) General Services :</b>								
342	2056	00	Jails	320.00	—	320.00	—	—	45.00	—	45.00
	2058	00	Stationery and Printing	550.00	—	550.00	60.00	60.00	100.00	—	100.00
	2059	00	Public Works (Pooled Non-Residential Government Bldg.)	2450.00	—	2450.00	500.00	500.00	475.00	—	475.00

1	2	3	4	5	6	7	8	9	10	
2070	00	Others:								
		(a) HIPA	300.00	—	300.00	30.00	30.00	50.00	—	50.00
		(b) Nucleus Bud. for Tribal areas	265.00	—	265.00	53.00	53.00	53.00	—	53.00
		(c) Tribal Dev. Machinery	53.00	—	53.00	7.00	7.00	9.00	—	9.00
		(e) Equity to <i>Ex-Servicemen</i> Corpn. including PEXSEM	175.00	—	175.00	26.00	26.00	35.00	—	35.00
300	0000	0 Total—XII(C) General Services	4113.00	—	4113.00	676.00	676.00	767.00	—	767.00
999	9999	99 Grand Total—I to XII	272304.00	29896.00	302200.00	36000.00	36000.00	46280.50	6319.50	52600.00

III. A DRAFT EIGHTH FIVE YEAR PLAN 1990-95 PROPOSALS FOR PROGRAMMES/PROJECTS  
MAXIMUM BENEFITS FROM THE EXISTING CAPACITY AS ON 31-3-90

(Outlay/Expenditure in Rs. Lakh and Physical Targets/  
Benefits in Relevant Units of Measurement)

Sl. No.	Particulars Major Head/ Minor Head	Nature and location of the schemes	Commencement year	Estimated cost	Existing		Targetted		Eighth Plan (1990-95) Proposed outlay	Annual Plan 1990-91		Annual Plan (1991-92) Proposed outlay	Anticipated Benefits			Remarks specifically environmental measure/ costs	
					Capacity in units	Utili- sation	Capa- city in units	Utili- sation		Appro- ved out- lay	Antici- pated Exp.		Eighth Plan	90-91	91-92		Beyond Eighth Plan
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

I—HORTICULTURE :

(1) Schemes aimed at maximising benefits from the existing Capacity as on 31-3-90.

(i) HORTICULTURE FARMS AND NURSERIES:

Propagation of fruit plants at progeny-cum-demonstration orchards and nurseries (Nos.).	Develop- mental/ all over the state of Deptt. 1971	Prior to the formation of the state of Deptt. 1971	Continuing Schemes	16.00 lakh	16.00 lakh	16.00 lakh	16.00 lakh	324.00	36.51	36.51	50.00	85 lakh	17.50 lakh	17.00 lakh	—	—	
(2) DEVELOPMENT OF MUSHROOM																	
(a) MUSHROOM DEVELOPMENT PROGRAMME: Production of Pasteurised Compost (Tonnes)	Chamba ghat Solan Distt. 1977				350 MT	—	350 MT	350 MT	50.00	5.00	5.00	9.00	2500 MT	350 MT	350 MT	—	—
(b) INDO-DUCH MUSHROOM PROJECT: Production of Pasteurised Compost (Tonnes)	Palampur, Kangra Distt. 1986				Under construction	—	1000 MT	—	50.00	14.00	14.00	10.00	5000 MT	1000 MT	1000 MT	—	—
(3) FRUIT PROCESSING AND UTILISATION: Production of fruit products (MT)	In various Districts 1986			350 MT	280 MT	450 MT	280 MT	165.00	25.00	25.00	32.00	1750 MT	350 MT	350 MT	—	—	
Total—(Horticulture)								589.00	80.51	80.51	101.00	—	—	—			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
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**IRRIGATION & FLOOD CONTROL:**

Schemes Aimed at Maximising benefits from the existing capacity as on 31-3-1990.

**I : IRRIGATION**

1. Major Irrigation
2. Medium Irrigation Project (Non-Commercial).

(i) Balh Valley Project	Mandi	1984-85	827.00	1950 hect.	1170 hect.	460 hect.	276 hect.	200.00	141.00	141.00	50.00	460.00	250	210	—	—
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**Rural Water Supply :**

Schemes aimed at Maximising Benefits from the existing capacity as on 31-3-90.

Rural Water Supply	—	—	3135.00	Rate of supply 40 LPCD	Level of satisfaction to users 50%	70 LPCD	100%	1750.00	350.50	350.50	360.50	} Besides full coverage of villages @70 LPCD efforts shall be to achieve 100% of Level satisfaction of uses.				
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**Grand Total**

**2539.00 572.01 572.01 511.50**

(Outlay and Expenditure in Rs. Lakhs and Physical Targets/Benefits in Relevant Units of Measurement)

Sl. No.	Particulars Major Head/Minor Head	Nature and Location of Schemes	Commencement Year	Estimated Cost		Cumulative Expenditure upto the end of 7th Plan	Upto End of Seventh Plan		Eighth Plan 1990-95) Proposed Outlay	Annual Plan 1990-91		Anticipated Benefits			Beyond Eighth Plan	Remarks specifically Environmental measures/casts.	
				Original	Revised		Capacity	Utilisation		Approved Outlay	Anticipated Expenditure	Eighth Plan	90-91	91-92			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>A.—ECONOMIC SERVICES:</b>																	
<b>L AGRICULTURE AND ALLIED SERVICES:</b>																	
<b>(A) CROP HUSBANDRY OTHER THAN DRY LAND FARMING AND INVESTMENT IN AGRICULTURE FINANCIAL INSTITUTIONS:</b>																	
<b>(i) DIRECTION AND ADMINISTRATION</b>																	
		—	—	—	—	122.99	—	—	200.00	21.75	21.75	27.50	—	—	—	—	—
	Total	—	—	—	—	122.99	—	—	200.00	21.75	21.75	27.50	—	—	—	—	—
<b>(ii) MULTIPLICATION AND DISTRIBUTION OF SEEDS/ AGRICULTURE DEVELOPMENT FARMS</b>																	
<b>(a) Development of seed multiplication</b>																	
		—	—	—	—	70.76	—	—	150.00	3.74	3.74	8.50	—	—	—	—	—
<b>(b) Construction of seed stores</b>																	
		—	—	—	—	13.42	—	—	60.00	1.50	1.50	3.00	—	—	—	—	—
<b>(c) Seed testing certification Laboratory G. I. A. to seed certification Agency</b>																	
		—	—	—	—	12.90	—	—	90.00	4.00	4.00	10.00	—	—	—	—	—
<b>(d) 100% subsidy on transportation of cereals Seeds</b>																	
		—	—	—	—	101.47	—	—	290.00	17.76	17.76	25.00	—	—	—	—	—
<b>(e) Special Maize Production Programme</b>																	
		—	—	—	—	—	—	—	665.00	—	—	140.00	—	—	—	—	—
<b>(f) Improvement of Rice under special food grain Production Programme</b>																	
		—	—	—	—	—	—	—	405.00	1.00	1.00	85.50	—	—	—	—	including central share
	Total	—	—	—	—	197.65	—	—	1570.00	28.00	28.00	272.00	—	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>(iii) MANURE &amp; FERTILIZER:</b>																	
(a)	Distribution of fertilizer	—	—	—	593.13	—	—	1005.00	155.35	155.35	156.00	—	—	—	—	—	—
(b)	Development of Local Manure resources ..	—	—	—	5.98	—	—	—	0.10	0.10	—	—	—	—	—	—	—
(c)	Soil Testing centre ..	—	—	—	5.82	—	—	40.00	0.90	0.90	5.00	—	—	—	—	—	—
(d)	Soil Testing centre Kinnaur ..	—	—	—	6.72	—	—	10.00	1.00	1.00	1.00	—	—	—	—	—	—
(v)	Fertilizer Promotion ..	—	—	—	1.85	—	—	—	0.05	0.05	—	—	—	—	—	—	—
(vi)	Quality control of inputs ..	—	—	—	3.23	—	—	10.00	0.50	0.50	0.50	—	—	—	—	—	—
(vii)	National Project on Development of Fertilizers use in low consumption rainfed areas (2 Distt.) ..	—	—	—	1.99	—	—	10.00	—	—	2.00	—	—	—	—	—	—
(viii)	C.S.S. for opening additional outlet (10 distt.) ..	—	—	—	—	—	—	60.00	—	—	8.00	—	—	—	—	—	—
Total ..		—	—	—	618.72	—	—	1135.00	157.90	157.90	172.50	—	—	—	—	—	—
<b>(4) HIGH YIELDING VARIETIES PROGRAMME:</b>																	
(a)	Intensive Agriculture Programme ..	—	—	—	58.32	—	—	75.00	9.10	9.10	12.00	—	—	—	—	—	—
(b)	Grant-in-Aid to Changer Area Project ..	—	—	—	8.00	—	—	25.00	2.90	2.90	5.00	—	—	—	—	—	—
Total ..		—	—	—	66.32	—	—	100.00	12.00	12.00	17.00	—	—	—	—	—	—
<b>(5) PLANT PROTECTION:</b>																	
(a)	Plant Protection ..	—	—	—	57.40	—	—	140.00	17.00	17.00	18.00	—	—	—	—	—	—
(b)	Control of pests and diseases of Agriculture importance (50:50) transferred to state plan ..	—	—	—	—	—	—	60.00	—	—	10.00	—	—	—	—	—	—
Total ..		—	—	—	57.40	—	—	200.00	17.00	17.00	28.00	—	—	—	—	—	—
<b>(6) COMMERCIAL CROPS:</b>																	
(i)	Development of seed Potato ..	—	—	—	59.36	—	—	160.00	18.97	18.97	21.00	—	—	—	—	—	—
(ii)	Support price to potato ..	—	—	—	450.00	—	—	90.00	50.00	50.00	50.00	—	—	—	—	—	—
(iii)	Production of seed potato in tribal Areas ..	—	—	—	29.20	—	—	80.00	16.00	16.00	18.00	—	—	—	—	—	—
(iv)	Development of vegetable farm ..	—	—	—	41.63	—	—	100.00	10.12	10.12	12.00	—	—	—	—	—	—

(vi) Development of Soybean, sunflower, pulses, and oil seeds ..	—	—	—	—	33.13	—	—	100.00	3.53	3.53	5.00	—	—	—	—	—
(vii) Development of oil seed palseed (50:50) (Transferred to State Plan) ..	—	—	—	—	7.16	—	—	20.00	1.00	1.00	4.00	—	—	—	—	—
(viii) GIA to Potato Development Board ..	—	—	—	—	0.11	—	—	10.00	0.05	0.05	0.10	—	—	—	—	—
(ix) Crop Insurance ..	—	—	—	—	6.50	—	—	60.00	50.00	50.00	10.00	—	—	—	—	—
(x) National Oil Seed Development Project (50:50 Basis) (Transferred to State Plan) ..	—	—	—	—	10.43	—	—	45.00	3.50	3.50	9.00	—	—	—	—	—
(xi) Tissueculture Lab.(under Integrated Horti. Dev. Project). ..	—	—	—	—	—	—	—	60.00	—	—	10.00	—	—	—	—	—
<b>Total ..</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>684.79</b>	<b>—</b>	<b>—</b>	<b>805.00</b>	<b>156.00</b>	<b>156.00</b>	<b>142.10</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

7. SCHEME FOR ASSISTING THE SMALL AND MARGINAL FARMERS IN INCREASING THE AGRICULTURE PRODUCTION ON SPECIAL 20 POINT PROGRAMME :

(a) Minikits ..	—	—	—	—	116.41	—	—	86.00	17.25	17.25	17.25	—	—	—	—	—	
(b) Land Development ..	—	—	—	—		—	—	—	172.00	—	—	34.50	—	—	—	—	—
(c) Irrigation ..	—	—	—	—		—	—	—	602.00	—	—	120.75	—	—	—	—	—
<b>Total ..</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>116.41</b>	<b>—</b>	<b>—</b>	<b>860.00</b>	<b>17.25</b>	<b>17.25</b>	<b>172.50</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	

8. EXTENSION AND FARMERS TRAINING:

(i) Agriculture information service ..	—	—	—	—	3.44	—	—	45.00	0.15	0.15	5.00	—	—	—	—	—
(ii) Multiple cropping ..	—	—	—	—	4.73	—	—	15.00	1.37	1.37	1.40	—	—	—	—	—
(iii) Crop demonstration ..	—	—	—	—	0.04	—	—	30.00	6.00	6.00	6.00	—	—	—	—	—
(iv) Improvement of grass & fodder ..	—	—	—	—	0.87	—	—	—	0.10	0.10	—	—	—	—	—	—
(v) Farmers Training & Education ..	—	—	—	—	4.50	—	—	15.00	1.75	1.75	2.00	—	—	—	—	—
(vi) Hostel accommodation at Mashobra/Sandernagar ..	—	—	—	—	1.84	—	—	20.00	0.75	0.75	—	—	—	—	—	—
(vii) Establishment of Sale Centre ..	—	—	—	—	—	—	—	20.00	1.63	1.63	—	—	—	—	—	—
(viii) G.S.T.C. Mashobra ..	—	—	—	—	—	—	—	35.00	5.00	5.00	6.00	—	—	—	—	—



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(ix) E.E.C. Project for Women	..		—	—	—	—	—	—	5.00	2.00	2.00	1.00	—	—	—	—	—
(x) T & V Project	..		—	—	—	442.12	—	—	1628.65	350.00	350.00	400.00	—	—	—	—	—
(xi) USAID	..		—	—	—	367.15	—	—	441.35	300.00	300.00	156.00	—	—	—	—	—
Total	..		—	—	—	824.69	—	—	2255.00	668.75	668.75	577.40	—	—	—	—	—
<b>(9) AGRICULTURE ENGINEERING:</b>																	
(i) Agriculture implements and other machinery	..		—	—	—	31.08	—	—	84.00	5.00	5.00	14.00	—	—	—	—	—
(ii) G. I. A. to H. P. Agro Industries	..		—	—	—	4.63	—	—	60.00	5.00	5.00	10.00	—	—	—	—	—
Total	..		—	—	—	35.71	—	—	144.00	10.00	10.00	24.00	—	—	—	—	—
<b>(10) AGRICULTURE ECONOMICS AND STATISTICS:</b>																	
(i) Planning and Evaluation Machinery	..		—	—	—	2.80	—	—	12.00	0.25	0.25	2.00	—	—	—	—	—
(ii) Timely reportingscheme (50:50) (Transferred to State Plan)	..		—	—	—	14.94	—	—	63.00	4.75	4.75	11.00	—	—	—	—	—
(iii) Improvement of Crop Statistics (50:50) (Transferred to State Plan)	..		—	—	—	10.21	—	—	40.00	3.00	3.00	7.00	—	—	—	—	—
(iv) Constraints of HYVP technology (50:50) (Transferred to State Plan)	..		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	..		—	—	—	27.95	—	—	115.00	8.00	8.00	20.00	—	—	—	—	—
(11) PUBLICITY	..		—	—	—	—	—	—	0.10	0.10	—	—	—	—	—	—	—
(12) COMPOSIT TESTING LABORATORY, KANDAGHAT	..		—	—	—	—	—	—	0.25	0.25	—	—	—	—	—	—	—
Total—Crop Husbandry (Agriculture)	..		—	—	—	2752.63	—	—	7384.00	1089.00*	1089.00*	1453.00	—	—	—	—	—

\* Rs. 8.00 has been transferred to Soil Conservation Head.

**(B) HORTICULTURE:**

**(I) CROP HUSBANDRY:**

**(B-I) COMPLETED SCHEMES AS ON 31-8-90.**

(a) Improvement of Technology for quality apple production (50% state share only)	Dev. apple growing session of the state	1983-84	19.44	68.94	44.36	—	—	—	—	—	—	—	—	—	—	50:50 state & Central share.
(b) Indo-German Dhauldhar Project	Palampur, Kangra	July, 1980	18.14	—	0.50	—	—	—	—	—	—	—	—	—	—	
Total —(B-1)..			37.58	68.94	46.41	—	—	—	—	—	—	—	—	—	—	
<b>(B.2) CRITICAL ON-GOING SCHEMES AS ON 1-4-90.</b>																
1. Direction & Administration	State H/quarter	1971-72	—	—	24.94	—	—	35.00	4.00	4.00	5.00	—	—	—	—	—
2. Manures & Fertilizers (Plant Nutrition scheme)	All over state		—	—	18.97	—	—	30.00	5.00	5.00	5.50	—	—	—	—	—
<b>3. PLANT PROTECTION:</b>																
(i) Pests & diseases control scheme	-do-	1971-72	—	—	28.03	—	—	35.00	4.90	4.90	5.50	—	—	—	—	—
(ii) Endemic area scheme control of apple scab	In apple growing areas		—	—	171.50	—	—	445.00	29.00	29.00	76.00	—	—	—	—	—
Total (3)			—	—	199.53	—	—	480.00	33.90	33.90	81.50	—	—	—	—	—
<b>4. HORTICULTURE EXTENSION &amp; TRAININGS :</b>																
(a) Training of Formers	All over H.P.	1971-72	—	—	20.46	—	—	32.00	2.50	2.50	3.50	—	—	—	—	—
<b>(b) Horticulture Extension:</b>																
(i) National Agriculture Extension project	-do-	1978-79	—	—	308.45	—	—	1020.00	221.60	221.60	261.00	—	—	—	—	—
(ii) National Agriculture Extension Project-III Sub-Project	-do-	1986-87	—	—	15.83	—	—	10.00	5.00	5.00	9.00	—	—	—	—	50:50 State/Central share.
Total—(4) ..			—	—	344.74	—	—	1062.00	229.10	229.10	273.50	—	—	—	—	—
<b>(5) HORTICULTURE DEVELOPMENT:</b>																
(i) Development of Fruit production	All over H.P.	1971-72	—	—	190.16	—	—	185.00	22.99	22.99	29.50	—	—	—	—	—
(ii) Horticulture Information..	-do-	-do-	—	—	20.50	—	—	30.00	3.75	3.75	4.50	—	—	—	—	—
(iii) Development of bee-keeping	-do-	-do-	—	—	29.60	—	—	35.00	5.75	5.75	6.50	—	—	—	—	—
(iv) Dev. of floriculture & land scaping	-do-	—	—	—	23.08	—	—	30.00	5.00	5.00	5.00	—	—	—	—	—
(v) Development of Hops.	-do-	—	—	—	3.97	—	—	7.50	2.65	2.65	3.00	—	—	—	—	—
Total—(5) ..			—	—	267.31	—	—	287.50	40.14	40.14	48.50	—	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>6. EXTERNAL AIDED PROJECTS</b>																	
1.	Indo-Italian Olive Project ..	Kullu, Mandi, Chamba.	1985-86	60.48	152.29	102.29	—	—	50.00	15.00	15.00	10.00	—	—	—	—	—
2.	Hill Area Land & Water Development Project ..	All over H.P.	-do-	495.00	—	59.28	—	—	76.00	56.00	56.00	20.00	—	—	—	—	—
3.	Other Horticulture-Development Project ..	-do-	-do-	—	—	5.30	—	—	5.00	—	—	0.50	—	—	—	—	—
Total—(6) ..				555.48	152.29	166.87	—	—	131.00	71.00	71.00	30.50	—	—	—	—	—
(7)	Assistance to Small and Marginal Farmers ..	All over H.P.	1985-86	—	—	198.11	—	—	270.00	35.00	35.00	40.00	—	—	—	—	—
<b>(8) HORTICULTURE ECONOMICS AND STATISTICS:</b>																	
(i)	General Horticulture Economics and Statistics ..	At Directorate level		—	—	—	7.06	—	—	15.00	2.00	2.00	2.50	—	—	—	100% C.S.S. Transferred to State Plan.
(ii)	Crop Estimation Survey ..	-do-		—	—	—		—	—	16.00			3.50	—	—	—	
Total—(8)				—	—	—	7.06	—	—	31.00	2.00	2.00	6.00	—	—	—	—
<b>(9) OTHER HORTICULTURE DEVELOPMENT PROGRAMME :</b>																	
(i)	G.I.A. to Horticulture Development Board ..	At State level	1985-86	—	—	—	—	—	4.00	0.35	0.35	0.40	—	—	—	—	—
(ii)	Incentive to Scientists/ Technocrats/Extension Workers/Farmers etc. for outstanding work ..	-do-	-do-	—	—	—	—	—	1.00	—	—	0.10	—	—	—	—	—
Total—(9) ..				—	—	—	—	—	5.00	0.35	0.35	0.50	—	—	—	—	—
Total—(B-2) ..				—	—	1227.53	—	—	2331.50	420.49	420.49	491.00	—	—	—	—	—
<b>(B-3) SANCTIONED SCHEMES/ COMMITTED IN 1990-91</b>																	
(i)	Integrated Water Shed Development Project in Kandi area ..	Kandi areas of the State	1990-91	404.00	—	—	—	—	168.00	3.00	3.00	33.00	—	—	—	—	—
(ii)	Indo-German Eco. Dev. Project in Changer area ..	Changer area		—	—	—	—	—	—	—	—	—	—	—	—	—	—

Development Project (IHDP)	All over H.P.	-do-	2000.00	—	—	—	1800.00	81.00	81.00	400.00	—	—	—	—
Total—(B-3)	—	—	—	—	—	—	2023.00	85.00	85.00	438.00	—	—	—	—
Grand Total (B.1+B.2+B.3) (Horticulture Crop Husbandry)	—	—	1273.94	—	—	—	4354.50	505.49	505.49	929.00	—	—	—	—
C. Dry land farming	—	—	178.27	—	—	—	125.00	25.00	25.00	25.00	—	—	—	—
2. SOIL CONSERVATION:														
(a) AGRICULTURE:														
(i) Soil and land use survey	—	—	3.37	—	—	—	5.00	1.00	1.00	1.00	—	—	—	—
(ii) Soil & Water Conservation on agricultural land (S.C)	—	—	143.19	—	—	—	130.00	21.00	21.00	25.00	—	—	—	—
(iii) Soil & Water Conservation on Agricultural land Tribal Areas.	—	—	270.37	—	—	—	270.00	41.10	41.10	45.00	—	—	—	—
(iv) Soil & Water Conservation on Agricultural land Tribal Area	—	—	54.31	—	—	—	150.00	21.00	21.00	30.00	—	—	—	—
(v) Massive Assistance to Small & Marginal Farmers for Improve Agriculture production..	—	—	53.70	—	—	—	—	—	—	—	—	—	—	—
(vi) Integrated Water Shed Development Project (Hills) Kandi Area.	—	—	—	—	—	—	325.00	35.00	35.00	65.00	—	—	—	—
(vii) Grant of Soil Conservation Loan write-off ..	—	—	0.13	—	—	—	—	0.40	0.40	—	—	—	—	—
(viii) National Water Shed Management (50:50) C.S.S.	—	—	18.44	—	—	—	560.00	20.00	20.00	67.00	—	—	—	—
(ix) Dry Land Farming ..	—	—	—	—	—	—	75.00	14.00	14.00	15.00	—	—	—	—
(x) Indo-German Eco. Development Project (Changes Area).	—	—	56.98	—	—	—	—	—	—	—	—	—	—	—
(xi) R.V.P. Himalaya Flood farm	—	—	—	—	—	—	313.00	—	—	55.00	—	—	—	—
(xii) Construction of Water Storage (C.S.S.)	—	—	49.83	—	—	—	150.00	35.50	35.50	36.00	—	—	—	—
Total—(Agriculture)	—	—	543.51*	—	—	—	1978.00	197.00	197.00	339.00	—	—	—	—

C.S.S. 49.83

\*This includes expenditure against C.S.S. to Centrally Sponsored Scheme.

\*\*Rs. 8.00 lakh Transferred from Agriculture.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>B—FORESTS :</b>																		
<b>(b) FOREST CONSERVATION</b>																		
CRITICAL ON GOING SCHEMES AS ON																		
1-4-90																		
1. Protective afforestation Soil Conservation in Demonstration.	—	—	—	—	561.24	—	—	1150.00	125.00	125.00	160.00	—	—	—	—	—	—	—
2. River Valley Project (Satleg and Beas catchment)	—	—	—	—	1010.54*	—	—	1065.00	365.00*	265.00*	240.00	—	—	—	—	—	—	—
3. Integrated watershed management in the catchment of Indo-Gengetic Basin (Pabbar Tons and Giri Bata)	—	—	—	—	675.75*	—	—	820.00	204.00*	204.00*	185.00	—	—	—	—	—	—	—
4. Soil, Water and Tree conservation in Himalayas Cooperation soilwatch) (Now its objectives are to be included in Wasteland Development from 1990-91)	—	—	—	—	1127.31*	—	—	980.00	240.00*	240.00*	220.00	—	—	—	—	—	—	—
5. Scheme for strengthening state land use board.	—	—	—	—	19.88*	—	—	34.00	8.00*	8.00*	7.00	—	—	—	—	—	—	—
Total—(Forest Conservation)					561.24	—	—	4049.00	125.00	125.00	812.00	—	—	—	—	—	—	—

\*Figures have not been included in total forest conservation as this relates to Centrally Sponsored Schemes

### 3. ANIMAL HUSBANDRY :

#### (I) DIRECTION AND ADMINISTRATION:

(1) Special project cell at headquarter (50:50) C.S.S.	Admn. Shimla	6th Plan	—	—	6.82	—	—	8.00	1.50	1.50	2.50	—	—	—	—	—	—	Stateshare only.
(2) Strengthening of zonal offices	-do- Through out State	7th Plan	—	—	1.89	—	—	8.00	1.40	1.40	1.50	—	—	—	—	—	—	—
(3) Cont. of Exptd. on Hqrs. Establishment..	Shimla	7th Plan	—	—	—	—	—	8.00	1.35	1.35	1.50	—	—	—	—	—	—	—
Sub-Total			—	—	8.71	—	—	24.00	4.25	4.25	5.50	—	—	—	—	—	—	—

#### II. EDUCATION AND TRAINING:

stipend for Vety. Pharm cists and farmers	Entire State	4th Plan	—	—	1.32	—	—	1.00	0.20	0.20	0.20	50	10	10	only. Stipends for SC students.
												cadidates			
Sub-Total			—	—	3.22	—	—	4.00	0.70	0.70	0.70				
<b>III. VETY. SERVICES AND ANIMAL HEALTH:</b>															
1. Continuation of expenditure on Centrally Sponsored Schemes F.&M.D., surveillance disease, Rinderpest and animal diseases etc. Scheme No. 1,2,6&7	Entire State	6th Plan	—	—	11.67	—	—	22.00	3.50	3.50	4.00				State share only for providing vety. and to live stock and for control of FMD in cross-bred animals.
2. Continuation of expenditure on Vety. Hospitals/Dispensaries etc. Scheme No. 4, 5, 8, 9, 10, 11 & 12.	Entire State except in Tribal & B/area	1st Plan	—	—	100.30	—	25 V. Hs. & 75 V.Ds. opened.	180.00	33.15	33.15	34.50				
3. Minor Works	Entire State	6th Plan	—	—	8.90	—	—	10.00	2.00	2.00	2.00				
Sub-Total			—	—	120.87	—	—	212.00	38.65	38.65	40.50				
<b>IV. ADMINISTRATION INVESTIGATION AND STATISTICS:</b>															
1. Cont. of Expenditure on Sample Survey Scheme on Animal Products (50:50)	Entire State	6th Plan	—	—	11.41	—	—	22.00	5.00	5.00	5.50				State share only
CENTRALLY SPONSORED SCHEME															
Sub-Total			—	—	11.41	—	—	22.00	5.00	5.00	5.50				
<b>V. CATTLE AND BUFFALOE DEVELOPMENT:</b>															
1. Assistance for small and marginal farmers for raising cross-breed Cows (Centrally sponsored scheme)	Solan & Sirmour District	6th Plan	—	—	18.35	—	30.00	5.10	5.10	6.00	—	—	—	—	State share only

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2.	Continuation of expenditure on frozen semen laboratories banks, strengthening of existing cattle breeding farms ICDP Etc.	Entire State	5th & 6th Plan	—	—	117.72	—	—	150.00	16.70	16.70	17.50	15.00	3.00	3.50	—	—
3.	Training of farmers and holding of Calf Rallies	-do-	5th Plan	—	—	0.70	—	—	1.50	0.10	0.10	0.10	Semen straws production 300 50 60				
4.	Continuation of expenditure on Gosadans	-do-	3rd Plan	—	—	2.08	—	—	2.50	0.20	0.20	0.20	Farmers training 300 100 150 Culled Animal				
Sub-Total				138.85				—		184.00		22.10		22.10		23.80	

#### VI. POULTRY DEVELOPMENT:

1.	Continuation of expenditure on project for poultry dev. self employment in Shimla, Bilaspur and Una districts for weaker section (50:50) Centrally Sponsored scheme.	Shimla Bilaspur & Una District	6th Plan	—	—	18.12	—	—	30.00	4.50	4.50	5.00	—	—	—	—	State share only
2.	Continuation of expenditure on strengthening of existing poultry farms	Hatcheries at Mandi & Sirmour	3rd Plan	—	—	26.65	—	80%	30.00	4.50	4.50	4.50	12 Lacs. chicks	2.40	3.00	—	—
Sub-Total				44.77				—		60.00		9.00		9.00		9.50	

#### VII. SHEEP AND WOOL DEVELOPMENT:

1.	Centrally sponsored scheme Sheep Production in Sirmour District (50:50)	Sirmour District	6th Plan	—	—	1.39	—	—	3.00	0.45	0.45	0.50	—	—	—	—	State share only
2.	Continuation of expenditure on strengthening of Sheep farms/extension Centres, & establishment of Ram Centres, Sheep disease Control.	Chamba Mandi Shimla & Kullu	7th Plan	—	—	17.61	—	—	50.00	3.60	3.60	3.60	Production of hoggets 5000 1000 1200				
3.	Grant-in-aid to Wool Federation		7th Plan	—	—	5.00	—	—	30.00	—	—	5.00					

VIII. OTHER LIVESTOCK DEVELOPMENT:

1. Expenditure on horse breeding units and subsidy for production for mules (50:50) C.S.S.	Mandi District & Entire State	7th Plan	—	—	7.88	—	—	15.00	2.00	2.00	3.00	—	—	—	—	State share only
2. Cont. of Expdt. on Kangra Anogra Rabbit Fur & Mandi animals production of FURMS Unit	Kangra & Mandi Distts. of FURMS Unit	7th Plan	—	—	10.74	—	—	20.00	2.00	2.00	2.00	—	—	—	—	—
Sub-Total					18.62	—	—	35.00	4.00	4.00	5.00					

IX. FEED AND FODDER DEVELOPMENT:

1. Continuation of expenditure on fodder seed, planting material production, fodder conservation and minor works centrally sponsored scheme (50:50)	Mandi Shimla and Sirmaur districts	6th Plan	—	—	2.39	—	—	12.00	5.10	5.10	5.00	—	—	—	—	State share only
2. Continuation of expenditure on Indo-German Eco. Dev. project Changer area and Integrated Water Shed Dev. Project Kandi Area (World Bank)	Sirmaur Solan and Una districts	7th Plan	—	—	0.21	—	—	10.00	7.00	7.00	3.00	—	—	—	—	—
Sub-Total					2.60	—	—	22.00	12.10	12.10	8.00					

X. VETERINARY RESEARCH:

1. Continuation of expenditure on projects on Epidemiological studies, vaccination against foot and mouth diseases for crossbred exotic animals	Entire State	6th Plan	—	—	6.76	—	—	15.00	2.20	2.20	2.40	—	—	—	—	—
Sub-Total					6.76	—	—	15.00	2.20	2.20	2.40					

XI. WELFARE OF SCHEDULED CASTES COMPONENT PLAN:

1. Supply of milch animals feed etc. on subsidy	Entire State	6th Plan	—	—	118.19	—	—	Scheme Transferred to Rural Development Department and funds placed at the disposal of I. R. D. P.							
---	--------------	----------	---	---	--------	---	---	--	--	--	--	--	--	--	--



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2.	Continuation of expenditure on Estt. of V. Ds./ Hospitals	-do-	-do-	—	—	45.89	5 V. H.S. and 32 V. Ds. opened	250.00	29.40	29.40	40.00	—	—	—	—	—	—
3.	Education and training	-do-	-do-	—	—	0.49	—	2.00	0.50	0.50	0.50	—	—	—	—	—	—
4.	Breeding facilities for cattle and buffaloes dev.	-do-	-do-	—	—	14.87	—	88.00	37.60	37.60	31.30	—	—	—	—	—	—
5.	Capital Outlay (Bldg.)	-do-	-do-	—	—	66.28	—	70.00	12.50	12.50	10.00	—	—	—	—	—	—
	Sub-Total					245.72	—	410.00	80.00	80.00	81.80						

## XII. DEVELOPMENT OF BACKWARD AREAS:

1.	Continuation of expenditure on extension of Veterinary Dispensaries and opening of 10 new Veterinary Dispensaries and 5 Hospitals during 8th Plan	Entire State	6th Plan	—	—	27.98	20 V.Ds. opened	70.00	7.36	7.36	8.00	—	—	—	—	—	—
2.	Breeding facilities for cattle and Buffaloes and training and Education and holding of Cattle shows.	-do-	-do-	—	—	11.48	—	50.00	5.44	5.44	6.00	—	—	—	—	—	—
3.	Capital Outlay	-do-	-do-	—	—	22.60	—	27.00	5.66	5.66	6.00	—	—	—	—	—	—
4.	Popularisation of rabbits Sheep production and marketing of Wool Ext. Centres. Grant-in-aid to wool Federation	-do-	-do-	—	—	8.87	—	32.00	7.14	7.14	8.00	(Out of this Rs. 5 lakhs kept as Grant-in-aid to H.P. Wool Federation)					
	Sub-Total			—	—	70.93	—	179.00	25.60	25.60	28.00						

## XIII TRIBAL SUB-PLAN:

1.	Continuation of expenditure on direction and administration and its strengthening	Kinaur, Lahaul Spiti, Chamba. (Tribal area.)	6th Plan	—	—	1.93	—	15.00	1.50	1.50	2.00	—	—	—	—	—	—
2.	Continuation of expenditure on establishment of vet. hospitals and dispen-	-do-	-do-	—	—	38.97	open. 8 V. Hs. 28 V. Disp	80.00	23.70	23.70	25.00	—	—	—	—	—	—

3. Breeding facilities and holding of shows/Competitions ..	-do-	6th Plan.	—	—	0.13	—	—	5.00	0.20	0.20	1.00	—	—	—	—
4. Continuation of expenditure on strengthening of sheep farms, extension centres, transit Camps and Popularisation of sheep, Rabbit, Pashmina Goat, sheep health covers and (Grant-in-aid to woolfed) ..	-do-	6th Plan.	—	—	11.34	—	—	70.00	9.60	9.60	10.00	—	—	—	Rs. 5.00 for Woolfed.
5. Popularisation of poultry Production ..	-do-	6th Plan.	—	—	7.89	—	—	8.00	2.00	2.00	3.00	—	—	—	—
6. Exp. on activities taken over from D.D.P. (Pooh & Spiti)	-do-	6th Plan.	—	—	—	—	—	2.00	—	—	—	—	—	—	—
7. Capital works ..	-do-	6th Plan.	—	—	19.60	—	—	40.00	3.00	3.00	5.00	—	—	—	—
Sub total :					79.86	—	—	220.00	40.00	40.00	46.00	—	—	—	—

#### XIV. CAPITAL OUTLAY (BUILDINGS)

1. Continuation of expenditure on Construction of buildings (Non-Tribal) ..	Entire State	—	—	48.12	—	—	100.00	8.00	8.00	7.00	—	—	—	—	—
Sub Total		—	—	48.12	—	—	100.00	8.00	8.00	7.00	—	—	—	—	—

XV. PUBLICITY ..	—	—	—	—	—	—	—	0.10	0.10	—	—	—	—	—	—
XVI. Composite Testing Laboratory Kandaghat ..	—	—	—	—	—	—	—	0.25	0.25	—	—	—	—	—	—

#### CENTRALLY SPONSORED SCHEMES

##### I DIRECTION AND ADMINISTRATION ANIMAL HUSBANDRY :

(i) Special Project Cell at (50:50)	Hqrs. Admn.	6th Plan	—	—	6.82	—	—	8.00	1.50	1.50	2.50					Central share only Transferred to State Plan.
II EDUCATION AND TRAINING																
(i) Grant-in-aid to Vety. Council (50:50)	Shimla	7th Plan	—	—	1.90	—	—	3.00	0.50	0.50	0.50					-do-
III VETY. SERVICES AND ANIMAL HEALTH.																
(i) Cont. of Expdt. on Centrally Sponsored scheme F. & M. D. Surveillance disease R. P. & animal disease etc,	Entire State	6th Plan	—	—	11.67	—	—	22.00	3.50	3.50	4.00					-do-

I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
IV ADMINISTRATION, INVESTIGATION AND STATISTICS																	
(i) Cont. of expdt. on Sample survey on animals products C.S.S. (50:50)	-do-	-do-	—	—	11.41	—	—	22.00	5.00	5.00	5.50						-do-
V CATTLE & BUFF DEVELOPMENT																	
(i) Assistance for Small & Marginal Farmers for raising cross-breeds cows (C.S.S. 50:50)	-do-	-do-	—	—	18.35	—	—	30.00	5.10	5.10	6.00						-do-
VI POULTRY DEVELOPMENT.																	
(i) Cont. of expd. on Project for Poultry Dev. self-employment in Shimla and Bilaspur & Una Distt. for weaker section(50:50)	-do-	-do-	—	—	18.12	—	—	30.00	4.50	4.50	5.00						-do-
VII SHEEP & WOOL DEVELOPMENT																	
Centrally sponsored Scheme Sheep production in Sirmour Distt. (50:50)	Sirmour Distt.	-do-	—	—	1.39	—	—	3.00	0.45	0.45	0.50						-do-
VIII OTHER LIVESTOCK DEVELOPMENT																	
Expdt. on Horse Breeding Unit & subsidy for Production of Mules (50:50)	Mandi Distt.	-do-	—	—	7.88	—	—	15.00	2.00	2.00	3.00						-do-
IX FEED & FODDER DEVELOPMENT																	
Contd. of expdt. on Fodder Seed planting material Production fodder conservation and minor works (C.S.S. 50:50)	Mandi, Shimla & Sirmour Distt.	-do-	—	—	2.39	—	—	12.00	5.10	5.10	5.00						-do-
Total of Centrally Sponsored Schemes:— (Central share)					79.93	—	—	145.00	27.65	27.65	32.00						General Share
Grand Total—(Animal Husbandry)					824.44	—	—	1715.00	266.00	266.00	304.80						

\*This does not include expenditure/outlay against centrally sponsored schemes.

#### 4. DAIRY DEVELOPMENT:

##### I. GENERAL:

	Kangra	Cont. of expenditure	6th Five Year Plan	10,900 — Lts. Daily	72.30	—	—	60.00	8.00	8.00	9.00	—	—	—	—	
3.	Kullu	Strengthening of MSS., Cont. of Expenditure	-do-	2,000 — Lts. Daily	10.54	—	—	10.00	2.00	2.00	2.00	—	—	—	—	
4.	Chamba	Cont. of exp. on strengthening of MSS., Chamba	-do-	-do-	3.26	—	—	10.00	2.00	2.00	2.00	—	—	—	—	
5.	Shimla	Cont. of exp. on strengthening of M.S.S. Shimla district, Kepu (Outer-Seraj) Rohru, Chopal, Kotkhai, Sainj and Nathpa-Jhakri.	-do-	8,000 — Lts. Daily	5.12	—	—	15.00	2.50	2.50	2.50	—	—	—	—	
6.	Entire State	Dairy extension programme	-do-	—	17.19	—	—	5.00	3.46	3.46	1.50	—	—	—	—	
7.	Shimla	Grant-in-aid to Milkfed including Scheduled Caste Component Plan	7th Five Year Plan	—	23.00	—	—	450.00	65.00	65.00	80.00	—	—	—	—	
8.	Entire State	Capital outlay	3rd Five Year Plan	—	119.15	—	—	20.00	6.60	6.60	7.00	—	—	—	—	
Total—I					255.06	—	—	575.00	90.00	90.00	105.00	—	—	—	—	
<b>TRIBAL SUB-PLAN:</b>																
Cont. of exp. and strengthening of M.S.S. in Kinnaur (Peo & Sungra)																
	Kinnaur		6th Five Year Plan	—	15.82	—	—	40.00	6.00	6.00	8.00	—	—	—	—	
2.	-do-	Capital outlay	-do-	—	19.50	—	—	10.00	4.00	4.00	2.00	—	—	—	—	
Total—II					35.32	—	—	50.00	10.00	10.00	10.00	—	—	—	—	
Total—(Dairy Development)					290.38	—	—	625.00	100.00	100.00	115.00	—	—	—	—	
<b>5. FISHERIES:</b>																
8.1		Completed Scheme as on 31-3-90														
		Spill over liability							Nil							
8.2		Critical on-going schemes as on 1-4-90:														
1.		Direction and Administration	1985-86	30.00	30.00	32.32	—	—	100.00	8.16	8.16	12.50	Fish seed 50 Million.	Fish seed prods. 2500 Million.	Fish seed prods. 2500 Million.	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2. Inland Fisheries ..		1985-86	203.80	203.80	185.56	Fish seed 18 Mi- 18 Prods llion	390.00	73.79	73.79	85.30	Fish prods 8000 tonnes	Fish prods 5500 tonnes	5800	—	—	—	—
3. Processing Preservation and Marketing ..		1985-86	20.20	20.20	27.92	Million 4620 500 ton- tonnes nes F.P.	26.75	3.20	3.20	5.10	—	—	—	—	—	—	—
4. Education and Training ..		-do-	58.00	58.00	31.65	—	122.75	6.85	6.85	21.00	—	—	—	—	—	—	—
5. Scheduled Caste/Scheduled Tribe Sub-Plan ..		-do-	88.00	88.00	52.32	—	140.00	26.00	26.00	26.00	—	—	—	—	—	—	—
Sub Total (8.2) ..			400.00	400.00	329.77	—	779.50	118.00	118.00	149.90	—	—	—	—	—	—	—
8.3 Sanctioned schemes/co- mmitted in 1990-91							—	—	—	—	—	—	—	—	—	—	—
Total—Fisheries ..			400.00	400.00	329.77	—	799.50	118.00	118.00	149.90	—	—	—	—	—	—	—

## 6. FORESTRY AND WILD LIFE:

### (A) FORESTRY :

#### (B.2) Critical on-going Schemes as on 1-4-1990

1. Direction and Administra- tion ..	—	—	20.00	—	48.34	—	—	100.00	12.00	12.00	20.00	—	—	—	—	—	—
2. Statistics ..	—	—	20.00	—	24.77	—	—	35.00	5.50	5.50	7.00	—	—	—	—	—	—
3. Extension and Training:																	
(a) Extension and Publicity ..	—	—	75.00	—	40.33	—	—	90.00	10.00	10.00	15.00	—	—	—	—	—	—
(b) Education and Train- ing ..	—	—	46.00	—	12.35	—	—	120.00	2.50	2.50	8.00	—	—	—	—	—	—
(c) Forest Research & Training ..	—	—	—	—	10.73	—	—	40.00	1.50	1.50	7.00	—	—	—	—	—	—
Sub Total—(3) ..	—	—	121.00	—	63.41	—	—	250.00	14.00	14.00	30.00	—	—	—	—	—	—
4. Survey of Forest Pro- duces:																	
(a) Survey of Forest Re- sources including sett- ing of remote sensing cell ..	—	—	25.00	—	28.65	—	—	54.00	1.00	1.00	2.00	—	—	—	—	—	—
(b) Survey of minor forest Produce ..	—	—	30.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(c) ..	—	—	55.00	—	28.65	—	—	54.00	1.00	1.00	2.00	—	—	—	—	—	—

## Development :

(a) Survey and Demarcation	—	—	90.00	—	163.05	—	—	700.00	100.00	100.00	100.00	—	—	—	—	—
(b) Working Plan organisation	—	—	90.00	—	51.80	—	—	100.00	10.00	10.00	14.00	—	—	—	—	—
(c) Forest Protection																
(i) State scheme	—	—	114.00	—	84.93	—	—	100.00	10.00	10.00	15.00	—	—	—	—	—
(ii) C.S.S. Development of infrastructure for Protection of Forests from Biotic interference (state share)	—	—	—	—	1.89	—	—	40.00	5.00	5.00	7.00	—	—	—	—	—
(B) Central Share	—	—	—	—	9.09*	—	—	25.00	—	—	5.00	—	—	—	—	—
(iii) Dev. of Trekking routes	—	—	—	—	—	—	—	200.00	5.00	5.00	10.00	—	—	—	—	—
(iv) F.A.O. introduction of modern forest fire control method	—	—	—	—	—	—	—	276.00	—	—	20.00	—	—	—	—	—
Sub Total—(5)			294.00	—	301.67*	—	—	1441.00	130.00	130.00	171.00	—	—	—	—	—
6. Social and Farm Forestry:																
(i) National Social Forestry (Umbrella Project)	—	—	5547.30	—	5700.63	1128.33	1006.11	10000.00	1800.00	1800.00	2500.00	1394.00	273.43	310.00	—	—
(ii) Rural Fuelwood Plantation (C.S.S.)	—	—	556.87	—	563.05	198.00	152.18	—	—	—	—	—	—	—	—	—
(b) Central Share	—	—	—	—	298.79**	—	—	—	—	—	—	—	—	—	—	—
(iii) Plantation of Fuel/Fruits trees for Small and Marginal Farmers	—	—	43.13	—	8.88	—	—	—	—	—	—	—	—	—	—	—
(iv) Indo-German Dhau-ladhar Project	—	—	389.70	—	214.45	—	—	—	—	—	—	—	—	—	—	—
(v) Forestry Extension under USAID Project	—	—	189.00	—	171.71	—	—	150.00	60.00	60.00	70.00	—	—	—	—	—
(vi) C.S.S. Fuel/Fodder Project Scheme	—	—	—	—	—	—	—	940.00	105.00	105.00	165.00	133.70	2.00	3.00	—	—
(b) Central Share	—	—	—	—	—	—	—	—	65.00*	65.00*	—	—	—	—	—	—
(vii) Indo-German Eco. Development Project (Changer Area)	—	—	—	—	—	—	—	770.00	25.00	25.00	40.00	—	—	—	—	—
(viii) World Bank Aided Watershed Development Project for (Kandi Area)	—	—	—	—	—	—	—	710.00	50.00	50.00	90.00	—	—	—	—	—

\*Outlay against central share has not been included in Totals

\*\*Expenditure against Central Share

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(ix) C.S.S. Silvi-Pastoral Scheme				—	—	7.62	—	—	—	—	—	—	—	—	—	—	—
(b) Central Share				—	—	7.62**	—	—	—	—	—	—	—	—	—	—	—
Sub Total—(6)				6726.00	—	6666.34*	—	—	12570.00	2040.00	2040.00	2865.00	—	—	—	—	—
7. Production Forestry																	
(i) Quick Growing Species	1360.00	—	825.77	28400	13131	2790.00	120.00	120.00	160.00	20850	1112	2850	—	—	—	—	—
(ii) Economic Plantation	1238.00	—	881.43	25900	14196	2790.00	108.00	108.00	160.00	20850	837	2800	—	—	—	—	—
(iii) Re-generation of chilgoza pines	15.00	—	10.88	—	—	40.00	3.00	3.00	5.00	—	—	—	—	—	—	—	—
Sub Total—(7)	2613.00	—	1718.08	—	—	5620.00	231.00	231.00	325.00	—	—	—	—	—	—	—	—
8. Pasture Improvement	200.00	—	162.42	9700	5813	500.00	25.00	25.00	35.00	6800	489	760	—	—	—	—	—
Total—(Social and Farm Forestry)	9539.00	—	8846.84	—	—	18960.00	2458.00	2458.00	3225.00	—	—	—	—	—	—	—	—
9. Forest Produce	15.00	—	36.72	—	—	45.00	2.50	2.50	10.00	—	—	—	—	—	—	—	—
10. Equity share to H.P. State Forest Corp.	650.00	—	650.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. Communication and Building:																	
(a) Communication	192.24	—	237.21	481 Kms	301 Kms	800.00	40.00	40.00	60.00	650	42	70	—	—	—	—	—
(b) Buildings	192.76	—	198.61	394 Nos	468 Nos	800.00	60.00	60.00	40.00	400	68	80	—	—	—	—	—
Sub Total—(11)	385.00	—	435.82	—	—	1600.00	100.00	100.00	100.00	—	—	—	—	—	—	—	—
12. Amenities to staff and Labour	35.00	—	13.08	—	—	100.00	4.00	4.00	5.00	—	—	—	—	—	—	—	—
B.3 Sanctioned/Committed Total-A (Forestry)	—	—	10149.30*	—	—	22315.00	2565.00	2565.00	3570.00	—	—	—	—	—	—	—	—

\*\*Expenditure against Central Share.

\*Expenditure against central share has not been included in totals.

## B. WILD LIFE:

B.2 Critical ongoing scheme - 29 wildlife Sanctuaries and 2 N park located at different places  
 1-4-90

1. Wild life preservation	Sci Res.	Prior to 7th Plan	— —	243.60	—	—	185.00	24.63	24.63	30.00	This will lead to environmental and wild life conservation.	
2. Zoological Park	Kufri, Shimla, Renuka, Rewalsar, D/shala, Sarahan, Mandi	Prior to 7th Plan	— —	81.88	—	—	150.00	26.37	26.37	25.00	Nature awareness. Education, Publicity, Research and Tourism.	
3. Other Expenditure	All over H.P.	During 8th Plan	— —	11.02	—	—	75.00	7.00	7.00	10.00	To pay compensation to the people on a/c of damage done by the wild animals.	
Total—(B.2)				— —	336.50	—	—	410.00	58.00	58.00	65.00	— — — —
<b>Central Sector Schemes:</b>												
<b>(a) Wild life Preservation</b>												
1. Intensive management of wild life sanctuaries	All over H.P.	7th Plan	— —	79.58	—	—	220.00			40.00	This will lead to environmental and wild life conservation.	
2. Awareness for nature and wild life conservation, amongst Youths	-do-	-do-	— —	8.17	—	—	50.00			10.00	To create awareness and love for wild life among students/youths.	
3. Captive Breeding and Re-habilitation programme for endangered species	-do-	-do-	— —	8.59	—	—	70.00	47.00	47.00	10.00	To protect and propogate endangered species by breeding in captivity for ultimate release in the wild.	
4. Control of poaching	-do-	-do-	— —	2.84	—	—	20.00			5.00	To protect wild life against poaching.	
5. Estt. of great Himalayan National Park Kullu	District Kullu	-do-	— —	52.52	—	—	200.00			35.00	This will lead to enviornmental and wild life conservation.	
6. Estt. of Pin Valley National park	Lahaul Spiti	-do-	— —	34.90	—	—	150.00			15.00	This will lead to enviornmental and wild life conservation.	
Total (Central Share) ..				— —	186.60	—	—	710.00	47.00	47.00	115.00	— — — —
Grand Total (wild life) ..				— —	336.50*	—	—	1120.00	105.00	105.00	180.00	— — — —
Total (A+B)				— —	13799.30*	—	—	23435.00	2670.00	2670.00	3750.00	— — — —
					CSS 502.10							

\*This does not include expenditure against central share.



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>7. RESEARCH AND EDUCATION:</b>																	
<b>A. AGRICULTURE</b>																	
(i)	G.I.A. to H.P. Agriculture University for Education ..				—	—	143.40	—	—	650.00	70.00	70.00	100.00	—	—	—	—
(ii)	Gram Sewak Training Centre ..				—	—	11.57	—	—	—	—	—	—	—	—	—	—
(iii)	G.I.A. to H.P. University for Research ..				—	—	224.12	—	—	375.00	57.00	57.00	74.00	—	—	—	—
Total—(Agriculture)					—	—	379.09	—	—	1025.00	127.00	127.00	174.00	—	—	—	—
<b>B. ANIMAL HUSBANDRY</b>																	
1.	Grant-in-aid to H.P. Agriculture university for research and Education ...	Kan- gra	6th Plan		—	—	199.61	—	—	475.00	83.00	83.00	90.00	—	—	—	—
Total—(Animal Husbandry)					—	—	199.61	—	—	475.00	83.00	83.00	90.00	—	—	—	—
<b>C. HORTICULTURE</b>																	
		U.H.F Solan	1985-86		—	—	482.51	—	—	975.00	127.00	127.00	170.00	—	—	—	—
<b>D. FISHERIES:</b>																	
1.	Aid for Research of H. P. K.V.V. Palampur ..	Palam- pur	1985-86		—	—	18.00	—	—	35.00	5.00	5.00	6.00	—	—	—	—
Total—(Fisheries)					—	—	18.00	—	—	35.00	5.00	5.00	6.00	—	—	—	—
<b>E. FOREST</b>																	
Sub Total—(7)					—	—	—	—	—	3070.00	430.00	430.00	540.00	—	—	—	—
<b>8. INVESTMENT IN AGRICULTURE FINANCIAL INSTITUTION:</b>																	
<b>A. Agriculture Deptt.</b>																	
Sub Total—A					—	—	29.00	—	—	50.00	10.00	10.00	10.00	—	—	—	—
<b>B. Horticulture Deptt:</b>																	
<b>(B.2) Critical on-going scheme as from 1.4.1990</b>																	
(a)	Debenture Support to Land Dev. Bank ..	Dte level—			—	—	—	—	—	24.50	7.50	7.50	10.00	—	—	—	—
(b)	Share Capital to HPMC/HPAIC.	-do-			—	—	—	—	—	125.50	115.50	115.50	10.00	—	—	—	—
Sub Total (B)					—	—	1755.24	—	—	150.00	123.00	123.00	20.00	—	—	—	—
Total (A+B)					—	—	1784.24	—	—	200.00	133.00	133.00	30.00	—	—	—	—

I. HORTICULTURE MARKETING  
AND QUALITY CONTROL

B-2. Critical ongoing scheme as

on 1-4-1990	.. Dte. 1971-72 level	—	—	18.82	—	—	30.00	5.00	5.00	5.00	—	—	—	—	—
i. General Marketing Scheme	.. -do- 1985-86	—	—	4051.27	—	—	797.50	160.00	160.00	158.00	—	—	—	—	—
ii. Subsidy on c.f.b.cartons	.. -do- -do-	—	—	—	—	—	2970.00	300.00	300.00	335.00	—	—	—	—	—
iii. Market Intervention Scheme	.. -do- -do-	—	—	—	—	—	—	—	—	—	—	—	—	—	—
iv. Farmers house at Delhi	.. -do- 1985-90	—	—	—	—	—	40.00	10.00	10.00	10.00	—	—	—	—	—
Total—I	..	—	—	4070.09	—	—	3837.50	475.00	475.00	508.00	—	—	—	—	—

II. AGRICULTURE MARKETING:

1. Regulated Market	..	—	—	70.10	—	—	130.00	19.05	19.05	24.00	—	—	—	—	—
2. G.I.A. to Market Board	..	—	—	32.00	—	—	100.00	1.00	1.00	25.00	—	—	—	—	—
3. Grading Service	..	—	—	1.81	—	—	20.00	3.95	3.95	5.00	—	—	—	—	—
Total—(II)	..	—	—	103.91	—	—	250.00	24.00	24.00	54.00	—	—	—	—	—
Total—(I+II)	..	—	—	4174.00	—	—	4087.50	499.00	499.00	562.00	—	—	—	—	—

10. LOANS TO CULTIVATORS OTHER THAN HORTICULTURE LOANS

	..	—	—	21.17	—	—	5.00	1.00	1.00	1.00	—	—	—	—	—
--	----	---	---	-------	---	---	------	------	------	------	---	---	---	---	---

11. CO-OPERATION

8.2 Critical on going schemes as on 1-4-1990

(Ref. para 3 of Secy. D.O.)

I. (a) Direction and Administration	.. All over 1951-52 H.P.	—	—	—	—	—	140.00	25.00	25.00	25.50	—	—	—	—	—
Total—I	..	—	—	—	—	—	140.00	25.00	25.00	25.50	—	—	—	—	—

II. TRAINING AND EDUCATION:

i. Training and Education	.. -do- 1966-67	—	—	—	—	—	130.00	25.00	25.00	27.10	—	—	—	—	—
ii. Exhibition Study Tour and Seminars	.. -do- 1990-91	—	—	—	—	—	5.00	2.00	2.00	2.20	—	—	—	—	—
Total—II	..	—	—	—	—	—	135.00	27.00	27.00	29.30	—	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>III. AUDIT OF CO-OPERATIVES:</b>																	
i.	Audit of Co-operatives ..	-do-	1951-52	—	—	—	—	—	140.00	20.00	20.00	24.00	—	—	—	—	—
Total—III				—	—	—	—	—	140.00	20.00	20.00	24.00	—	—	—	—	—
<b>IV. CREDIT CO-OPERATIVES:</b>																	
i.	Share Capital to Multipurpose Rural Co-ops. ..	-do-	1951-52	—	—	—	—	—	40.00	7.00	7.00	7.70	—	—	—	—	—
ii.	Managerial Subsidy to Pry. Agri. Co-op. Societies	-do-	1956-57	—	—	—	—	—	80.00	10.00	10.00	11.00	—	—	—	—	—
iii.	Interest Subsidy to Credit Co-operatives	-do-	1980-81	—	—	—	—	—	70.00	12.00	12.00	13.20	—	—	—	—	—
i.	Grant-in-aid for write off loans	-do-	1990-91	—	—	—	—	—	230.00	—	—	105.00	—	—	—	—	—
(v)	Share Capital to Apex/ Central Co-operatives Bank ..	All over H.P.	1951-52	—	—	—	—	—	40.00	2.00	2.00	2.20	—	—	—	—	—
(vi)	Share Capital to Apex/ Pry. Land Dev. Banks ..	-do-	1969-70	—	—	—	—	—	40.00	3.00	3.00	3.30	—	—	—	—	—
(vii)	Share Capital to Urban Banks	-do-	1985-86	—	—	—	—	—	10.00	—	—	—	—	—	—	—	—
(viii)	Managerial Subsidy to Apex/Central Co-op. banks ..	-do-	1956-57	—	—	—	—	—	5.00	0.30	0.30	0.30	—	—	—	—	—
(ix)	Managerial Subsidy to Apex/Pry Land Dev. Banks ..	-do-	-do-	—	—	—	—	—	10.00	0.70	0.70	0.80	—	—	—	—	—
(x)	Agriculture guarantee and relief fund	-do-	1988-89	—	—	—	—	—	5.00	—	—	—	—	—	—	—	—
(xi)	Rehabilitation grant to weak central co-op. banks ..	-do-	1974-75	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total—IV				—	—	—	—	—	530.00	35.00	35.00	143.50	—	—	—	—	—
<b>V. WAREHOUSING/ MARKETING/STORAGE :</b>																	
(i)	Share Capital to Marketing Co-operatives ..	-do-	1951-52	—	—	—	—	—	60.00	11.50	11.50	12.65	—	—	—	—	—
(ii)	Managerial Subsidy to Marketing Co-operatives ..	-do-	1956-57	—	—	—	—	—	40.00	2.50	2.50	2.75	—	—	—	—	—
(iii)	Subsidy for Price Fluctuation Fund	-do-	1968-69	—	—	—	—	—	35.00	0.50	0.50	0.55	—	—	—	—	—
				—	—	—	—	—	135.00	14.50	14.50	15.95	—	—	—	—	—

(i) Share Capital to Processing Co-ops.	All over H.P.	1974-75	—	—	—	—	—	40.00	5.00	5.00	5.50	—	—	—	—
(ii) Managerial Subsidy to Processing Co-ops.	-do-	-do-	—	—	—	—	—	10.00	2.00	2.00	2.20	—	—	—	—
(iii) Cost Subsidy to Tea Factory	-do-	1984-85	—	—	—	—	—	50.00	5.00	5.00	5.50	—	—	—	—
(iv) Subsidy for Training of Tea Grower	-do-	-do-	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Total—VI</b>	..	..	—	—	—	—	—	100.00	12.00	12.00	13.20	—	—	—	—

**> II. CONSUMER CO-OPERATIVES :**

(i) Share Capital to Consumer Co-operatives	-do-	1969-70	—	—	—	—	—	25.00	4.00	4.00	4.40	—	—	—	—
(ii) Managerial Subsidy/ Furniture Fixture Subsidy	-do-	-do-	—	—	—	—	—	10.00	1.00	1.00	1.10	—	—	—	—
(iii) Interest Subsidy to Consumer Co-operatives	-do-	-do-	—	—	—	—	—	35.00	3.00	3.00	3.30	—	—	—	—
(iv) Subsidy for Construction of Marketing and Rural Godowns	-do-	1951-52	—	—	—	—	—	5.00	0.05	0.50	0.55	—	—	—	—
<b>Total—VII</b>	..	..	—	—	—	—	—	75.00	8.50	8.50	9.35	—	—	—	—

**VIII. FISHERMAN CO-OPERATIVES :**

(i) Share Capital to Fisherman Co-operatives	-do-	1978-79	—	—	—	—	—	15.00	0.60	0.60	0.65	—	—	—	—
(ii) Managerial Subsidy to Fisherman Co-op.	-do-	-do-	—	—	—	—	—	5.00	0.40	0.40	0.45	—	—	—	—
<b>Total—VIII</b>	..	..	—	—	—	—	—	20.00	1.00	1.00	1.10	—	—	—	—

**IX. INDUSTRIAL CO-OPERATIVES :**

(i) Share Capital to Industrial Co-operatives	..	All over H.P.	1966-67	—	—	—	—	70.00	5.00	5.00	5.50	—	—	—	—
(ii) Managerial Subsidy to Industrial Co-operatives	..	-do-	-do-	—	—	—	—	30.00	3.00	3.00	3.30	—	—	—	—
(iii) Interest Subsidy to weavers Co-operatives	..	-do-	1986-87	—	—	—	—	—	—	—	—	—	—	—	—
<b>Total—IX</b>	..	..	..	—	—	—	—	100.00	8.00	8.00	8.80	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>X. DAIRY CO-OPERATIVES :</b>																	
(i)	Share Capital to Dairy Co-operatives ..	-do-	1980-81	—	—	—	—	—	5.00	—	—	—	—	—	—	—	—
(ii)	Managerial Subsidy to dairy Co-operatives. ..	-do-	-do-	—	—	—	—	—	10.00	0.50	0.50	0.55	—	—	—	—	—
(iii)	Subsidy for construction of milk booth ..	-do-	1985-86	—	—	—	—	—	20.00	0.50	0.50	0.55	—	—	—	—	—
Total—X ..				—	—	—	—	—	35.00	1.00	1.00	1.10	—	—	—	—	—
<b>XI. HOUSING CO-OPERATIVES :</b>																	
(i)	Share Capital to Housing Co-operatives. ..	-do-	1985-86	—	—	—	—	—	45.00	5.50	5.50	5.70	—	—	—	—	—
(ii)	Managerial Subsidy to housing Co-operatives. ..	-do-	-do-	—	—	—	—	—	15.00	1.50	1.50	2.00	—	—	—	—	—
Total XI ..				—	—	—	—	—	60.00	7.00	7.00	7.70	—	—	—	—	—
<b>XII. LABOUR &amp; CONSTRUCTION CO-OPERATIVES :</b>																	
(i)	Share Capital to Labour & Construction Co-operatives. ..	-do-	1985-86	—	—	—	—	—	4.00	0.30	0.30	0.35	—	—	—	—	—
(ii)	Managerial Subsidy to labour and Construction Co-operatives. ..	-do-	-do-	—	—	—	—	—	1.00	0.20	0.20	0.20	—	—	—	—	—
Total XII ..				—	—	—	—	—	5.00	0.50	0.50	0.55	—	—	—	—	—
<b>XIII. OTHER CO-OPERATIVES:</b>																	
<b>(a) Poultry Co-operatives :</b>																	
(i)	Share Capital to Poultry Co-operatives. ..	-do-	-do-	—	—	—	—	—	4.00	0.30	0.30	0.35	—	—	—	—	—
(ii)	Managerial subsidy to Poultry Co-operatives ..	-do-	-do-	—	—	—	—	—	1.00	0.20	0.20	0.20	—	—	—	—	—
Total—(a) ..				—	—	—	—	—	5.00	0.50	0.50	0.55	—	—	—	—	—
<b>(b) Transport Co-operatives:</b>																	

Total—(b)	..	—	—	—	—	—	10.00	1.00	1.00	1.10	—	—	—	—
Total—XIII	..	—	—	—	—	—	15.00	1.50	1.50	1.65	—	—	—	—
Total (B-2)	..	—	—	—	—	—	1490.00	161.00	161.00	281.70	—	—	—	—

(B.3) Sanctioned Schemes/Committed in 90-91

XIV. WOOL CO-OPERATIVES:

(i) Share Capital to Wool Co-operatives	..	-do-	1990-91	—	—	—	—	8.00	0.50	0.50	0.55	—	—	—	—
(ii) Managerial Subsidy to Wool Co-operatives	..	-do-	-do-	—	—	—	—	2.00	0.25	0.25	0.27	—	—	—	—
Total—XIV	..	—	—	—	—	—	—	10.00	0.75	0.75	0.82	—	—	—	—

XV. FOREST CO-OPERATIVES:

(i) Managerial Subsidy to Forest Co-operatives	..	-do-	-do-	—	—	—	—	5.00	1.50	1.50	1.65	—	—	—	—
Total—XV	..	—	—	—	—	—	—	5.00	1.50	1.50	1.65	—	—	—	—

XIII FLORICULTURE CO-OPERATIVES:

(i) Share Capital to Floriculture Co-operatives	..	Allover H. P.	1990-91	—	—	—	—	4.00	0.50	0.50	0.55	—	—	—	—
(ii) Managerial Subsidy to floriculture Co-operatives	..	-do-	-do-	—	—	—	—	1.00	0.25	0.25	0.28	—	—	—	—
Total:—(xvi)	..	—	—	—	—	—	—	5.00	0.75	0.75	0.83	—	—	—	—

XVII FRUIT AND VEGETABLE PROJECT

(i) Share Capital to Fruit and Vegetable (State Share): 20%	..	Shimla Mandi Kullu	1990-91	900.00	—	—	—	180.00	5.00	5.00	10.00	—	—	—	—
Total:—(xvii)	..	—	—	900.00	—	—	—	180.00	5.00	5.00	10.00	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>XVIII VANASPATI PROJECT</b>																	
(i) Share Capital to Vanaspati Project 20% state share ..		1990-91	1600.00	—	—	—	—	320.00	20.00	20.00	10.00	—	—	—	—	—	—
Total:—(xviii)			1600.00	—	—	—	—	320.00	20.00	20.00	10.00	—	—	—	—	—	—
<b>XIX TEA DEVELOPMENT PROJECT</b>																	
(i) Share Capital 20% State Share ..	Kangra	1990-91	700.00	—	—	—	—	140.00	8.00	8.00	15.00	—	—	—	—	—	—
Total:—(xix)			700.00	—	—	—	—	140.00	8.00	8.00	15.00	—	—	—	—	—	—
Total (B.3)			3200.00	—	—	—	—	660.00	36.00	36.00	38.00	—	—	—	—	—	—
Grand Total:—(Cooperation)..			3200.00	—	—	—	—	2150.00	197.00	197.00	320.00	—	—	—	—	—	—
Total:—(I)			—	—	—	—	—	53957.50	6309.49	6309.49	14329.70	—	—	—	—	—	—

**II. RURAL DEVELOPMENT**  
102 2501 00

B.1. Completed Schemes as on 31.3.90 (spill over liability)

B.2. Critical on going schemes as 31.3.90 Through out the State

**I. IRDP**

1. Assistance to block including exp. on TRYSEM infrastructure and administrative .. Through out the State

1149.29 — — 1290.00 103.50 103.50 222.50 — — — — —

2. TRYSEM Inft./Training ..

16.05 — — 25.00 4.00 4.00 10.50 — — — — —

2.1. No. of youth to be trained ..

9000 10337 10000 2000 2500 — — — — —

2.2. No of youths to be settled ..

5000 1000 1200 — — — — —

3. DWCRA .. In five Dispt. 1983-84

3080 — — 75.00 15.00 15.00 20.00 — — — — —

3.1. No of groups organised ..

917 778 — — — — — — — — — —

4. Strengthening of B.L.A./ Statelevel Monitoring Cell ..

35.00 6.00 6.00 6.00 — — — — —

6. State Institute of training and Research in Rural Development ..

60.00 7.50 7.50 11.00 \*Including Central Share

724.00 1169.99 1196.14 — — 1485.00 136.00 136.00 270.00 — — — — —

Total—IRDP (I+II)	724.00	1160.99	1196.14	—	—	1910.00	136.00	136.00	375.00	—	—	—	—	—
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\*Including Central Share.

(b) Integrated Rural Energy Programme (IREP):

(1) Institutional Mechanism	—	—	—	—	—	—	190.40	19.40	19.40	37.00	—	—	—	—
(2) Project Implementation	—	—	—	—	234.00	—	344.60	44.60	44.60	75.00	—	—	—	—
(3) Training and Motivation	—	—	—	—	—	—	35.00	6.00	6.00	6.00	—	—	—	—
Sub-Total (IREP)	—	—	—	—	234.00	—	570.00	70.00	70.00	118.00	—	—	—	—

III. NREP

Through-1981- out the State	690.00	792.16	792.16	66.67 Lakh Mandays	83-85 Lakh Mandays	—	—	—	—	—	—	—	—	—
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JRY

(i) Employment generation Staff Component	—	—	—	—	—	—	4954.00	—	—	—	1055.00	129.00 lakh	33.68	281.6	—	—
(ii) Salary	-do-	1989-	252.00	255.00	228.55	32.04	37.86	54.00	254.00	254.00	10.80	Man-days	—	—	—	—
(iii) Creation of Monitoring Cell under JRY	—	—	—	—	—	—	—	6.00	—	—	1.20	—	—	—	—	—
Total—NREP/JRY	—	—	942.00	1047.16	1020.71	—	—	5014.00	254.00	254.00	1067.00	—	—	—	—	—

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LAND REFORMS

(a) CADASTRAL SURVEY AND RECORDS OF RIGHTS

B.2. Critical ongoing Schemes as on 1-4-90	Kangra, Una, Shimla Distt.	Kangra, Una, Shimla Distt.	250.00	—	955.29	47,25,447 Nos.	—	1500.00	245.00	245.00	280.00	Shimla-5460.00 Nos.	1,09,200 Nos.	1,09,200 Nos.	—	—
												Una-81,000 Nos.	1,62,000 Nos.	1620.00 Nos.	—	—
Total—(i) (B.2) (a)	—	—	250.00	955.29	—	—	—	1500.00	245.00	245.00	280.00	—	—	—	—	—



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(b) Supporting Services to New Allottees of Land						4.50			5.00	1.00	1.00	1.00					
Total (b)						4.50			5.00	1.00	1.00	1.00					
(c) Consolidation of Holdings																	
Critical ongoing Schemes as on 1-4-90	Una, 1954 Hamirpur, Kangra, Bilaspur, Mandi, Solan					521.58	17,81,007		886.00	138.00	138.00	154.00	3,86,250	77,250	77,250		
													Khasra Nos.				
(d) Strengthening of Primary & Supervisory Land Record Agency																	
B2. Critical ongoing Schemes as on 1-4-90	in H.P. 1971-72					232.66			730.00	80.00	80.00	135.00					
(e) Revenue Housing	in H.P. 1979-80								60.00	5.00	5.00	10.00					
(f) Forest Settlement operations																	
B2. Critical ongoing Scheme as on 1-4-90	consolidation and Demarcations of forest in respect of Shimla district	1983				117.35	140674-87-90 hect.	118561-21-88 hect.	190.00	31.00	31.00	35.00	47500-00-00 hect.	9500-00-00 hect.	9500-00-00 hect.		
Total—(Land Reforms)									3411.00	500.00	500.00	625.00					

COMMUNITY DEVELOPMENT

2.	Grant-in-aid under Social Education ..	35.00	—	32.45	—	—	35.00	10.00	10.00	7.00	—	—	—	—
3.	Grant-in-aid under Communication ..	15.00	—	16.30	—	—	35.00	—	—	3.45	—	—	—	—
4.	Construction of completion of on going building under :—													
	(a) Residential accommodations	61.00	—	41.91	—	—	50.00	5.00	5.00	5.00	—	—	—	—
	(b) Gram-Sevak Huts ..						75.00	—	—	5.00	—	—	—	—
5.	Staff component salary ..	105.00	—	130.31	—	—	140.00	33.60	33.60	34.50	—	—	—	—
6.	Technical Education (Training Centre) ..	45.00	—	38.92	—	—	65.00	13.00	13.00	13.00	—	—	—	—
7.	Strengthening of engineering Services at Supervisory level ..	4.00	—	5.73	—	—	49.00	—	—	5.00	—	—	—	—
8.	Composite Programmes ..	—	—	—	—	—	30.00	2.40	2.40	5.00	—	—	—	—
9.	Grant-in-Aid to Panchayat Samities under Agricultural (Previously under Non Plan) ..	—	—	—	—	—	18.10	—	—	3.50	—	—	—	—
10.	GIA under Reclamation & Minor irrigation ..	—	—	—	—	—	37.40	—	—	7.35	—	—	—	—
11.	GIA under Health & Sanitation ..	—	—	—	—	—	46.30	—	—	8.95	—	—	—	—
12.	* Grant-in-Aid to Pance. Samities under Animal husbandry ..	—	—	—	—	—	8.50	—	—	1.65	—	—	—	—
13.	GIA under Industries ..	—	—	—	—	—	10.70	—	—	2.10	—	—	—	—
14.	USAID Project for Minor irrigation ..	—	—	110.00	—	—	—	11.00	11.00	—	—	—	—	—
15.	Maintenance of building ..	—	—	—	—	—	—	10.00	10.00	—	—	—	—	—
16.	USAID programme with UNICEF assistance ..	—	—	25.00	—	—	—	—	—	—	—	—	—	—
17.	HEPA/State institute of training ..	—	—	—	—	—	—	—	—	—	—	—	—	—
							Transferred to R. D.							
	Sub-Total (II) (contd. scheme)	—	—	435.00	—	—	635.00	85.00	85.00	108.50	—	—	—	—

## II NEW SCHEMES :

Schemes/ Somiclion in 1990-91

2.	Miscellaneous UNICEF & other Misc. Programmes ..	—	—	25.00	—	—	—	25.00	10.00	10.00	5.00	—	—	—	—
	Total (New Schemes) II	—	—	25.00	—	—	—	25.00	10.00	10.00	5.00	—	—	—	—
	Grand Total (C. D.)	—	—	—	—	—	—	660.00	95.00	95.00	113.50	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>PANCHAYATS:</b>																	
Continued Schemes																	
1.	Loan to Panchayats for the creations of remunerative assets	—	—	—	—	10.98	—	—	10.00	2.00	2.00	2.50	—	—	—	—	—
2.	Capital outlay Construction of office building and Augmentations of Panchayat Training Institute throughout State	—	—	—	—	8.58	7.00	7.00	20.00	1.00	1.00	4.50	—	—	—	—	—
4.	G.I.A. to Panchayats for construction of Panchayat Ghars	—	—	—	—	52.90	150.00	150.00	40.00	1.00	1.00	7.00	—	—	—	—	—
5.	G.I.A. to Panchayat for Purchase of periodical general and library books	—	—	—	—	4.25	—	—	25.00	5.00	5.00	4.00	—	—	—	—	—
6.	G.I.A. to Panchayat for discharge of Municipal function	—	—	—	—	8.50	—	—	60.00	5.00	5.00	11.00	—	—	—	—	—
7.	Panchayat prize competition Scheme	—	—	—	—	1.35	—	—	2.70	—	—	0.50	—	—	—	—	—
8.	G.I.A. for construction/repair of Panchayat Samiti/ Zila Panch. Bhawan/Builing	—	—	—	—	33.96	10.00	10.00	75.00	5.00	5.00	15.00	—	—	—	—	—
9.	Honorarium to Pradhan/ Up-Pradhan/Chairman/V.C.	—	—	—	—	47.68	—	—	238.00	50.00	50.00	51.00	—	—	—	—	—
Total—I		—	—	—	—	192.37	167.00	167.00	470.70	69.00	69.00	95.50	—	—	—	—	—
B-3. Schemes Comitted/Sanctioned 1990—91																	
Other rural Development Programme																	
Panchayati Raj																	
P R Deptt.-GIA in matching incentive grant equal to the collection of house tax and enhance tax efforts																	
—	—	—	—	—	—	24.17	—	—	15.00	2.00	2.00	2.00	—	—	—	—	—
G. Total—I+II (Panchayat)		—	—	—	—	192.37	167.00	167.00	485.70	71.00	71.00	97.50	—	—	—	—	—
Total—II		—	—	—	—	—	—	—	12026.00	1126.00	1126.00	2396.00	—	—	—	—	—

(IV) MAJOR AND MEDIUM IRRIGATION:—

B. 2 CRITICAL ON GOING SCHEMES as ON 1-4-90

1. Medium Irrigation Project Bhabour Sahib Phase-II	Una	1988-89	426.00	900.00	61.47	—	—	350.00	60.00	60.00	150.00	1000	—	—	1640	—
												(hect.)			(hect.)	
B. 3. SANCTIONED SCHEMES:— Major Irrigation Project Sahnahar	Kangra	—	4930.00	—	257.23	—	—	315.00	54.00	54.00	57.00	—	—	—	15287	—
															(hect.)	
Total—			5356.00	900.00	318.70	—	—	665.00	114.00	114.00	207.00	1000	—	—	16927	—

MINOR IRRIGATIONS:—

B. I Completed Schemes Spill-over liability of Various Schemes State Sector	in H.P.	—	—	—	—	—	—	150.00	25.00	25.00	50.00	—	—	—	—	—
B. 2. Critical on going Schemes	-do-	—	—	—	} 2516.73	—	—	2000.00	155.00	155.00	500.00	7000	250	1000	—	—
B. 3. Sanctioned Schemes Committed in 1990-91	-do-	—	—	—		—	—	2000.00	375.00	375.00	335.00	5000	—	1000	—	—
Establishment	-do-	—	—	—		—	—	2000.00	240.00	240.00	350.00	—	—	—	—	—
4. USAID								4000.00	1405.00	1405.00	2100.00	—	—	—	—	—
Total			—	—	2516.73			10150.00	784.00	784.00	3335.00	12000	250	2000	—	—

COMMAND AREA DEVELOPMENT:—

B. I. COMPLETED SCHEMES				Nil		Nil										
B. 2 CRITICAL ON GOING SCHEMES:																
1. Giri irrigation Project in Sirmour district.	Sirmour	1983-84	377.00	—	125.40	F.C.5201	—	150.00	15.00	15.00	40.00	FC.1560	FC.500	FC.600	—	—
						WB.2441	—					W.B.2210	W.B.500	W.B.600	—	—
2. Balh Valley Project.	Mandi	1987-88	154.28	—	27.12	FC.850	—					FC.1560	FC.300	FC.500	—	—
						WB.200	—	120.00	10.00	10.00	30.00	W.B.4320	WB.300	WB.500	—	—
3. Bhabaour Shih Phase II	Una	1988-89	54.76	—	1.50	F.C.205	—	70.00	6.00	6.00	14.00	F.C.718	F.C.200	F.C.200	—	—
						W.B.	—					W.B.923	W.B.200	W.B.200	—	—
Establishment Publicity							—		7.00	7.00	—				—	—
Total			586.04	—	154.02	FC6256	—	340.00	38.00	38.00	84.00	FC3838	F.C.1000	F.C.1300	—	—
						WB—3631						WB7453	W.B.1000	W.B.1300	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>FLCOD CONTROL</b>																	
B. 1. Completed Schemes Spill-over liability various Schemes.	In H.P. State							20.00	2.00	2.00	10.00						
B. 2. Critical on going Schemes as on 1-4-90	-do-							0.00	58.00	58.00	60.00	1500	200	300			
B. 3. Sanctioned Schemes Establishment					307.61			150.00	20.00	20.00	20.00	6.00	5000	5000			
								50.00	10.00	10.00	10.00						
<b>Total (Flood Control)</b>					307.61			570.00	90.00	90.00	100.00	2100	250	350			
<b>Total IV</b>									11625.00	2457.00	2457.00	3726.00					

**V. ENERGY:**

**I. POWER:**

**(1) GENERATION:**

**(A.2) Critical on going Scheme as 1-4-1990:**

**(B) H.P.S.E.B. SCHEMES:**

1. Thiroat	..	L/S	—	434.00	2597.00	1460.23	—	—	1007.00	200.00	200.00	475.00	4.5 MW	—	—	—	—
2. Gaj	..	Kangra	—	1286.00	3325.00	814.07	—	—	776.00	—	—	291.00	10.5 MW	—	—	—	—
3. Baner	..	-do-	—	2613.00	3502.00	710.34	—	—	788.00	—	—	292.00	12.0 MW	—	—	—	—
4. Bhaba Aug.	..	Kinnaur	—	964.00	1375.00	426.30	—	—	300.00	—	—	135.00	—	—	—	—	—
5. Killar	..	Chamba	—	95.00	173.00	11.03	—	—	152.00	—	—	160.00	0.30 MW	—	—	—	—
6. Uhl III	..	Mandi	—	9766.00	16200.00	121.28	—	—	1795.00	—	—	125.00	—	—	—	—	70.00 MW
7. Larji	..	Maddi	—	16885.00	33500.00	1074.60	—	—	4189.00	—	—	340.00	—	—	—	—	126.00 MW
8. Ghanvi	..	Kinnaur	—	2832.00	2832.00	33.20	—	—	—	—	—	—	—	—	—	—	22.50 MW
9. SVP Bhaba	..	—	—	—	—	9377.38	—	—	900.00	—	—	400.00	—	—	—	—	MW

**(B) N.J.P.C. SCHEMES:**

1. Nathpa-Jhakri	..	Kinnaur	—	147200.00	—	1652.45	—	—	25000.00	4150.00	4150.00	3350.00	—	—	—	—	510MW
<b>Total (B.2)</b>						15680.88			34907.00	4350.00	4350.00	5468.00					

(a) H.P.S.E.B. SCHEMES:

1. Holi	.. Chamba	—	2465.00	—	12.00	—	—	—	—	—	—	—	—	—
2. Dhamwari-Sunda	.. Shimla	—	15018.00	—	20.85	—	—	—	—	—	—	—	—	—
3. Baspa-II	.. Kinnaur	—	34134.00	—	—	—	—	—	—	—	—	—	—	—
										93.00	—	—	—	—

(b) NJPC SCHEMES (H.P.)  
EQUITY SHARE ONLY:

1. Kol-Dam	.. Mandi	—	—	—	141.48	—	—	5000.00	200.00	200.00	50.00	—	—	—
<hr/>														
Total—(B-3)	..	—	—	—	174.33	—	—	5093.00	200.00	200.00	50.00	—	—	—
<hr/>														
Total—(1) GENERATION	..	—	—	—	15855.21	—	—	40000.00	4550.00	4550.00	5518.00	—	—	—

2. TRANSMISSION AND DISTRIBUTION

(A) TRANSMISSION SCHEME:

(i) World Bank aided Project	—	—	—	—	—	—	—	6700.00	—	—	1000.00	—	—	—	
(ii) State Plan Transmission Scheme	—	—	—	—	—	—	—	1500.00	—	—	300.00	—	—	—	
(B) Distribution Scheme (33 KV and below)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
(C) System improvement Schemes I/C T&D losses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
										8324.33	—	—	—	—	
										—	—	—	2100.00	—	—
										—	—	—	—	450.00	—
										—	—	—	—	—	450.00
										—	—	—	—	—	247.00
<hr/>															
Total—2	..	—	—	—	8324.33	—	—	10300.00	450.00	450.00	1547.00	—	—	—	

3. RURAL ELECTRIFICATION:

A. State Plan	..	—	—	—	200.68	—	—	150.00	25.00	25.00	25.00	—	—	—
B. R.E.C. Funded (Normal)	..	—	—	—	5485.03	—	—	4400.00	715.00	715.00	790.00	—	—	—
C. M.N.P.	..	—	—	—	257.00	—	—	50.00	10.00	10.00	10.00	—	—	—
<hr/>														
Total—3	..	—	—	—	5942.96	—	—	4600.00	750.00	750.00	825.00	—	—	—

4. RENOVATION AND MODERNISATION OF

POWER HOUSES:	..	—	—	—	386.93	—	—	600.00	50.00	—	10.00	—	—	—
5. BOARD'S BUILDING	..	—	—	—	261.45	—	—	250.00	—	—	50.00	—	—	—
6. SURVEY AND INVESTIGATION	..	—	—	—	320.46	—	—	250.00	50.00	50.00	50.00	—	—	—
<hr/>														
Total—I	..	—	—	—	31091.34	—	—	56000.00	5850.00	5850.00	8000.00	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>II. NON-CONVENTIONAL ENERGY SOURCES:</b>																	
(1) Bio-Gas Development ..			—	—	—	—	391.15	—	—	811.00*	85.00	85.00	171.00*	—	—	—	—
(2) Development of New and renewable sources of energy:																	
(i) Solar Thermal ..			—	—	—	—	271.00	—	—	205.00*	5.00	5.00	45.00*	—	—	—	—
(ii) Solar Photovoltaic ..			—	—	—	—	—	—	—	25.00*	—	—	5.00*	—	—	—	—
(iii) Wind Energy ..			—	—	—	—	—	—	—	30.00*	—	—	5.00*	—	—	—	—
(iv) Smokeless chullahs. (C.S.S.)			—	—	—	—	—	—	—	180.00*	—	—	40.00*	—	—	—	—
Total—2. ..			—	—	—	—	—	—	—	260.00	5.00	5.00	55.00	—	—	—	—
Total—2 ..			—	—	—	—	271.00	—	—	440.00	5.00	5.00	95.00	—	—	—	—
Total—(V) ..			—	—	—	—	91753.49	—	—	57251.00	5940.00	5940.00	8266.00	—	—	—	—

\* including central share

## VI. INDUSTRIES AND MINERALS:

### I. VILLAGE AND SMALL INDUSTRIES:

#### (B.2) Critical ongoing Scheme as on 1-4-1990

1. Setting up of Inspectorate Boiler.	Head quarter	1987	—	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—
2. TRAINING																	
(i) Modernisation & Productivity.	Throught State	1988	—	—	1.31	—	—	16.00	1.60	1.60	3.00	—	—	—	—	—	—
3. RESEARCH AND DEVELOPMENT																	
(i) Science & Technology Entrepreneur Park	-do-	-do-	—	—	0.37	—	—	5.00	0.40	0.40	1.00	—	—	—	—	—	—
4. Industrial Estates ..	-do-	-do-	—	—	117.01	—	—	450.00	35.00	35.00	90.00	—	—	—	—	—	—
5. SMALL SCALE INDUSTRIES:																	
(i) Incentives & Subsidy ..	-do-	1971	—	—	61.40	—	—	300.00	15.00	16.00	60.00	—	—	—	—	—	—
(ii) District Industries Centre ..	-do-	1977	—	—	443.89	—	—	1000.00	140.00	140.00	180.00	—	—	—	—	—	—
(iii) Margin money to sick units	-do-	1984	—	—	3.18	—	—	20.00	1.50	1.50	3.00	—	—	—	—	—	—
6. HANDLOOM INDUSTRIES:																	
(i) Hill Area Woollen Project	-do-	3/87	—	—	29.76	—	—	175.00	30.00	30.00	45.00	—	—	—	—	—	—
(ii) Workshed-cum-Housing Scheme	-do-	-do-	—	—	21.50	—	—	25.00	10.00	10.00	7.00	—	—	—	—	—	—
(iii) Grant-in-aid to H.P. H.&H.C.	-do-	1972	—	—	59.27	—	—	60.00	15.00	15.00	10.00	—	—	—	—	—	—
(iv) Investment in H. P.	-do-	-do-	—	—	488.80	—	—	50.00	10.00	10.00	10.00	—	—	—	—	—	—

( )	Rebate on Handloom Products	..	-do-	1981	—	—	47.98	—	—	50.00	4.00	4.00	—	—	—	—
(vi)	Modernisation of Handlooms	..	-do-	3/87	—	—	25.00	—	—	120.00	20.00	20.00	20.00	—	—	—
(vii)	Managerial subsidy to Weavers co-operative Societies including Marketing Development Assistance	..	-do-	4/88	—	—	1.46	—	—	30.00	3.00	3.00	5.00	—	—	—
(viii)	Development of Handloom and Textile Industries	..	-do-	3/83	—	—	3.60	—	—	—	0.50	0.50	—	—	—	—
(ix)	Thrift fund	..	-do-	3/83	—	—	0.41	—	—	1.00	—	—	—	—	—	—
(x)	Investment in weavers Co-operative Societies	..	-do-	3/83	—	—	1.50	—	—	—	—	—	—	—	—	—
7. HANDI CRAFTS INDUSTRIES:																
(i)	Carpet centres	..	-do-	3/73	—	—	23.00	—	—	25.00	2.00	2.00	5.00	—	—	—
(ii)	Subsidy to Handicrafts Co-operative Societies	..	-do-	3/83	—	—	2.30	—	—	10.00	—	—	2.00	—	—	—
8. KHADI AND VILLAGE INDUSTRIES																
(i)	Grant-in-aid to Khadi Board	-do-	3/72	—	—	125.92	—	—	180.00	35.00	35.00	35.00	—	—	—	—
(ii)	Rebate on Gandhi Jayanti..	-do-	3/72	—	—	44.70	—	—	50.00	10.00	10.00	10.00	—	—	—	—
9. SERICULTURE INDUSTRIES:																
(i)	Sericulture Industries	..	-do-	1966	—	—	89.29	—	—	300.00	40.00	40.00	50.00	—	—	—
(ii)	Indo-German Dhawaladhar Project	..	-do-	-do-	—	—	3.45	—	—	—	—	—	—	—	—	—
10. EMPLOYMENT SCHEME FOR UN-EMPLOYED EDUCATED YOUTH:																
(i)	Educated un-employed	..	-do-	1971	—	—	—	—	—	70.00	—	—	12.00	—	—	—
11. OTHER VILLAGE INDUSTRIES																
(i)	Tea Industries	..	-do-	1966	—	—	82.34	—	—	150.00	30.00	30.00	35.00	—	—	—
(ii)	Investment in H. P. S.S.I. & E. C.	..	-do-	1972	—	—	28.00	—	—	60.00	8.00	8.00	12.00	—	—	—
(iii)	Raw material Depots.	..	-do-	-do-	—	—	4.53	—	—	100.00	1.00	1.00	19.50	—	—	—
(iv)	Consultancy Fee	..	-do-	-do-	—	—	8.29	—	—	30.00	3.00	3.00	5.00	—	—	—
12. OTHER EXPENDITURE:																
(i)	Externally Aided Project	..	-do-	1987	—	—	0.28	—	—	50.00	0.50	0.50	5.00	—	—	—
	Investment in HPFC	..	-do-	1973	—	—	—	—	—	1200.00	—	—	250.00	—	—	—
(—I)—Village and small Inds.					—	—	1277.68	—	—	4537.00	415.50	415.50	884.50	—	—	—



II. CRITICAL ONGOING SCHEME) (CENTRALLY SPONSORED SCHEME).

I. VILLAGE AND SMALL INDUSTRIES

1. SMALL SCALE INDUSTRIES

(i) Census survey of SSI units	Throughout H.P.	4/90	—	—	—	—	—	36.00	4.00	4.00	5.50
(ii) Margin Money to Sick Units	-do-	4/83	—	—	—	—	—	18.00	1.50	1.50	2.75
(iii) District Industries Centres	-do-	10/77	—	—	—	—	—	900.00	140.50	140.50	162.00
2. HANDLOOM INDUSTRIES											
(i) Handloom Census	-do-	4/87	—	—	—	—	—	9.00	—	—	1.75
(ii) Managerial Subsidy to weavers Co-operative Societies including Marketing Development Assistance.	-do-	4/88	—	—	—	—	—	27.00	3.00	3.00	4.50
(iii) Grant-in-aid to Handicrafts Co-operative Societies.	-do-	4/85	—	—	—	—	—	9.00	0.50	0.50	1.80
(iv) Workshed-cum-Housing Scheme	-do-	3/87	—	—	—	—	—	22.50	10.00	10.00	6.50
(v) Modernisation of Handlooms	-do-	-do-	—	—	—	—	—	108.00	20.00	20.00	18.00
(vi) Share Capital Assistance to weavers Apex Societies.	-do-	-do-	—	—	—	—	—	13.50	—	—	2.75
(vii) Investment in Primary weavers Co-operative Societies	-do-	-do-	—	—	—	—	—	9.00	—	—	1.80
(viii) Thrift fund.	-do-	-do-	—	—	—	—	—	1.00	—	—	0.10
(ix) Hill Area woollen Development Project	-do-	-do-	—	—	—	—	—	157.50	30.00	30.00	40.50
(x) Rebate on Handloom Products	-do-	-do-	—	—	—	—	—	27.00	—	—	4.50

Central Share Transferred to State Plan.

SCHEMES AS ON 1990-91

VILLAGE AND SMALL INDUSTRIES :

1. Setting up of Inspectorate of Boiler	Through-out H.P.	1990-91	—	—	—	—	8.00	2.00	2.00	2.00	—	—	—	—
2. Indl. Policy, Planning Research Analysis wing Including Computerisation and Data Transmisrion Unit	-do-	-do-	—	—	—	—	20.00	1.00	1.00	2.50	—	—	—	—
3. Development of Handloom and Textile Industries	Hqrs.	-do-	—	—	—	—	60.00	0.50	0.50	10.00	—	—	—	—
4. Export Promotion Scheme	Through-out H.P.	-do-	—	—	—	—	60.00	1.00	1.00	10.00	—	—	—	—
Total—(B.3)			—	—	—	—	148.00	4.50	4.50	24.50	—	—	—	—
Total I—VIS.			—	—	—	—	6022.50	420.00	420.00	1161.45	—	—	—	—

II. LARGE AND MEDIUM INDUSTRIES

1. ENGINEERING INDUSTRIES

2. OTHER ENGINEERING INDUSTRIES:

(i) Investment in Nahan Foundry..	Nahan	1966	—	—	163.50	—	—	5.00	—	—	1.00	—	—	—
(ii) Investment in H.P.F.C.	Shimla	1973	—	—	629.95	—	—	—	220.00	220.00	—	—	—	—
(iii) Investment in H.P.S.I.D.C.	-do-	-do-	—	—	883.49	—	—	1450.00	220.00	220.00	245.00	—	—	—
(iv) Investment in H.P. G.I.C.	-do-	1987	—	—	—	—	—	100.00	15.00	15.00	25.00	—	—	—

3. TELE COMMUNICATION AND ELECTRONIC INDUSTRIES:

(i) Investment in H.P.S.E.D.C.	Shimla	1983	—	—	238.85	—	—	250.00	15.00	15.00	35.00	—	—	—
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4. DIRECTION AND ADMINISTRATION:

(i) Strengthening of Directorate..	Hqrs.	1985	—	—	68.14	—	—	80.00	11.90	11.90	20.00	—	—	—
(ii) Land Acquisition Office	Bilaspur	1971	—	—	13.94	—	—	20.00	5.00	5.00	4.00	—	—	—
(iii) Store Purchase Organisation	Hqrs.	1985	—	—	1.90	—	—	30.00	2.00	2.00	5.00	—	—	—
(iv) Educated Unemployed	H.P.	1971	—	—	14.24	—	—	—	5.00	5.00	—	—	—	—

5. INDUSTRIAL PRODUCTIVITY:

(i) Industrial Areas	H.P.	1971	—	—	572.26	—	—	1100.00	80.00	80.00	200.00	—	—	—
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(ii)	Infrastructure Development Programme	Through out H.P. 1982	—	—	89.71	—	—	200.00	10.00	10.00	30.00	—	—	—	—	—	—
(iii)	Growth Centres	-do- 1988	—	—	—	—	—	600.00	30.00	30.00	60.00	—	—	—	—	—	—
(iv)	Incentive and subsidy including interest free loan	-do- 1971	—	—	125.89	—	—	600.00	25.00	25.00	90.00	—	—	—	—	—	—
<b>6. OTHER EXPENDITURE:</b>																	
(i)	Arts and Exhibition	-do- 1973	—	—	61.73	—	—	125.10	10.00	10.00	25.00	—	—	—	—	—	—
(ii)	Minor works	-do- -do-	—	—	0.44	—	—	10.00	—	—	2.00	—	—	—	—	—	—
(iii)	Information and Publicity	-do- 1988	—	—	—	—	—	10.00	1.00	1.00	2.00	—	—	—	—	—	—
(iv)	Health Composite Testing Lab.	-do- -do-	—	—	—	—	—	2.00	0.10	0.10	0.10	—	—	—	—	—	—
TOTAL—II			—	—	2865.04	—	—	4582.00	650.00	650.00	744.10	—	—	—	—	—	—

## II. LARGE AND MEDIUM INDUSTRIES: (C.S.S.)

### 1. INDUSTRIAL PRODUCTIVITY

(i)	Incentive and Subsidy	Through-out H.P.	1971	—	—	—	—	3205.50	—	—	769.55	Central share transferred to State Plan					
Total—II (C.S.S)			..	—	—	—	—	3205.50	—	—	769.55						
Grand Total			..	—	—	—	—	7787.50	650.00	650.00	1513.65						
			..	—	—	—	—	400.00	30.00	30.00	45.00						

Total—VI (B.2+C.S.S.+B.3) ..

— — 4235.31 — — 14210.00 1100.00\* 1100.00\* 2720.10 \*This does not include Central Share.

**VII. TRANSPORT :**

I. (a) Civil Aviation (Helipads Helicopter Organisation)

1. Aerodromes/Helipads

2. GENERAL:

1. Direction & Administration

2. Housing

3. Training & Education

4. Research & Development

5. ORGANISING OF HANG GLIDING RALLIES/G.I.A.

Sub-Total (I) ..

(b) TRIBAL SUB PLAN ..

Total—(Civil Aviation) ..

	—	—	682.60	—	—	90.00	9.00	9.00	13.00	—	—	—	—
	—	—		—	—	25.00	2.50	2.50	3.50	—	—	—	—
	—	—		—	—	20.00	2.00	2.00	5.00	—	—	—	—
	—	—		—	—	20.00	4.00	4.00	5.00	—	—	—	—
	—	—		—	—	—	—	—	—	—	—	—	—
	—	—		—	—	115.00	2.50	2.50	8.50	—	—	—	—
	—	—		—	—	270.00	20.00	20.00	35.00	—	—	—	—
	—	—		—	—	30.00	5.00	5.00	5.00	—	—	—	—
	—	—	682.60	—	—	300.00	25.00	25.00	40.00	—	—	—	—

(2) ROADS & BRIDGES:

1. Completed Schemes as } H.P.

2. Spill over liability

3. Sanctioned schemes/ Committed in 1990-91

1985-86	5000.00	—	15871.16	Mot=1867	1867	26965.00	3755.32	3755.32	4940.00	Mot=1668	219	236
				Jeep=147	147					Jeep=170	25	30
				C.D.=851	851					C.D.=750	100	175
				M/T=954	954					M/T=900	120	200
				Br.=144	144					Br.=150	30	30
				Vill=333	333					Vill=190	25	30

NEW SCHEMES

Road & Bridges

1990-91	2000.00	—	—	—	—	285.00	44.68	44.68	60.00	57 km	11 km	14 km
										forma-	forma-	forma-
										tion	tion	tion
										cutting	cutting	cutting

Total—(Road & Bridges) ..

—	—	7000.00	—	15871.16	—	—	27250.00	3800.00	3800.00	5000.00		
---	---	---------	---	----------	---	---	----------	---------	---------	---------	--	--

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

**3. ROAD TRANSPORT :**

1.	R.T.A. Office Mandi	.. All over 1988-89 H.P.	—	—	—	—	—	38.00	5.38	5.38	7.00	—	—	—	—	—	—	
2.	Strengthening of Staff at headquarters	.. .. -do-	—	—	—	—	—	22.00	3.62	3.62	6.00	—	—	—	—	—	—	
3.	Advisor Transport	.. .. 1990-91	—	—	—	—	—	3.00	0.50	0.50	0.50	—	—	—	—	—	—	
4.	Computerisation	.. .. 1988-89	—	—	—	—	—	1.00	1.00	1.00	0.25	—	—	—	—	—	—	
5.	Check Barriers	.. .. -do-	—	—	—	—	—	10.00	—	—	3.00	—	—	—	—	—	—	
6.	Flying Squad	.. .. 1990-91	—	—	—	—	—	25.00	4.00	4.00	6.00	—	—	—	—	—	—	
7.	Road Safety Measures	.. .. 1988-89	—	—	—	—	—	12.00	0.50	0.50	1.00	—	—	—	—	—	—	
8.	Bus stand/Rain shelter	.. .. 1985-86	—	—	—	—	—	350.00	55.00	55.00	70.00	—	—	—	—	—	—	
9.	Office Buildings	.. .. 1989-90	—	—	—	—	—	20.00	5.00	5.00	5.00	—	—	—	—	—	—	
10.	Investment in H.R.T.C.	.. .. 1985-86	—	—	2639.12	—	—	6950.00	680.00	680.80	840.00	—	—	—	—	—	—	
11.	Miscellaneous	.. .. 1988-89	—	—	10.00	—	—	—	—	—	—	—	—	—	—	—	—	
Total—3 (Road Transport)			—	—	—	—	—	2875.25	—	—	7431.00	755.00	755.00	938.75	—	—	—	—

**4. INLAND WATER TRANSPORT :**

1.	Providing Staff for I.W.T...	.. .. 1985-86	—	—	3.04	—	—	12.00	1.50	1.50	2.00	—	—	—	—	—	—	
2.	Survey etc.	.. .. 1988-89	—	—	—	—	—	3.00	—	—	1.00	—	—	—	—	—	—	
3.	Improvement/Const. of Ghats.	.. .. 1986-87	—	—	16.42	—	—	10.00	0.50	0.50	2.00	—	—	—	—	—	—	
Total—(Inland Water Transport)			—	—	—	—	—	19.46	—	—	25.00	2.00	2.00	5.00	—	—	—	—

**5. OTHER TRANSPORT SERVICES:**

(a)	Rope ways and Cable ways continued schemes	.. .. 1985-86	1000.00	—	17.97	—	12	247.60	24.80	24.80	49.60	—	8	15	—	—	—	
(i)	Rope ways and Cable ways 1990-91 schemes	.. .. 1990-91	50.00	—	—	—	—	2.40	0.20	0.20	0.40	—	—	—	—	—	—	
Sub Total			1050.00	—	17.97	—	12	250.00	25.00	25.00	50.00	—	8	15	—	—	—	
(c)	I.M.T. Studies	.. .. 1987-88	—	—	2.31	—	—	300.00	5.00	5.00	35.00	—	—	—	—	—	—	
Sub-Total (5)			—	—	20.28	—	—	550.00	30.00	30.00	85.00	—	—	—	—	—	—	
Total—(VII)			—	—	—	—	—	19468.75	—	—	35556.00	4612.00	4612.00	6068.75	—	—	—	—

Critical on going Schemes as  
on 1-4-1990

Scientific Research and S. & T.											
1. Remote Sensing	—	—	110.61	} 16.00	} 16.00	17.01	—	—	—	—	
2. Poverty Alleviation	—	—	25.50			3.10	—	—	—	—	—
3. Dissemination of Technology	—	—	134.39			20.39	—	—	—	—	—
4. Water Management	—	—	30.00			5.00	—	—	—	—	—
5. Direction and Administration	—	—	139.50			26.50	—	—	—	—	—
6. R. D. Sector	—	—	30.00			2.00	—	—	—	—	—
7. Construction of Tech. Bhawan	—	—	25.00			—	—	—	—	—	—
8. Library	63.68	—	5.00			1.00	—	—	—	—	—
9. Foransic Lab.	—	—	200.00			50.00	—	—	—	—	—
10. Provision for C. S. S.	—	—	100.00			25.00	—	—	—	—	—
Sub-Total—(1)	—	—	800.00	16.00	16.00	150.00	—	—	—	—	
2. ECOLOGY/ENVIRONMENT :											
1. Environmental Planning and Coordination	—	—	20.00	5.00	5.00	4.00	—	—	—	—	
Sub-Total—(2)	—	—	20.00	5.00	5.00	4.00	—	—	—	—	
Total—I and II	63.68	—	820.00	21.00	21.00	154.00	—	—	—	—	
3. Water and Air Pollution Prevention :											
Sub-Total—(3)	27.75	—	150.00	15.00	15.00	25.00	—	—	—	—	
Total—IX	91.43	—	970.00	36.00	36.00	179.00	—	—	—	—	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
<b>X. GENERAL ECONOMIC SERVICES</b>							—	—	—	<b>400.00</b>	<b>68.00</b>	<b>68.00</b>	<b>80.00</b>	—	—	—	—	—
1. SECRETARIAT ECONOMIC SERVICES																		
2. TOURISM																		
TOURIST INFRASTRUCTURE:																		
(1) Tourist Centre										355.00	18.67	18.67	41.00	—	—	—	—	—
(2) Tourist Accommodation										280.00	58.70	58.70	50.00	—	—	—	—	—
(3) Tourist Transport Service										—	—	—	—	—	—	—	—	—
(4) Assistance to Public sector and others undertakings										35.00	6.00	6.00	10.00	—	—	—	—	—
(5) Other Expenditure										45.00	7.75	7.75	9.00	—	—	—	—	—
GENERAL:																		
(1) Direction and Administration										38.00	4.78	4.78	7.00	—	—	—	—	—
(2) Training										80.00	15.00	15.00	20.00	—	—	—	—	—
(3) Promotion and Publicity							636.67			140.00	35.10	35.10	35.00	—	—	—	—	—
(4) International Co-op.										—	—	—	—	—	—	—	—	—
(5) Other Expences										52.00	14.00	14.00	13.00	—	—	—	—	—
(6) Investment in Public Sector and other undertakings										150.00	35.00	35.00	30.00	—	—	—	—	—
TOTAL										1175.00	195.00	195.00	215.00	—	—	—	—	—
TRIBAL SUB PLAN:																		
TOURIST INFRASTRUCTURE																		
(1) Tourist accommodation										100.00	10.00	10.00	15.00	—	—	—	—	—
(2) Promotion and Publicity										15.00	5.00	5.00	5.00	—	—	—	—	—
(3) Other Expenditure										35.00	5.00	5.00	5.00	—	—	—	—	—
SUB-TOTAL										150.00	20.00	20.00	25.00	—	—	—	—	—
GRAND TOTAL							636.67			1325.00	215.00	215.00	240.00	—	—	—	—	—
3. SURVEY & STATISTICS:																		
<i>Critical on going schemes as on 1-4-90</i>																		
H.Q. Distts. and																		
All Block Level																		
(1) Continuation of existing Plan Staff (Strengthening of Staff Economic Advice and Statistics)										85.50	15.00	15.00	15.40	=	=	—	—	—

as on 1-4-90 :																	
(i)	Price stabilisation Scheme	..	—	—	—	—	74.91	—	—	145.00	27.90	27.90	28.00	—	—	—	—
(ii)	Consumer Protection Programme	..	—	—	—	—	0.51	—	—	80.00	9.00	9.00	12.00	—	—	—	—
(iii)	Subsidy on Kerosine oil	..	—	—	—	—	2.92	—	—	10.00	1.50	1.50	2.00	—	—	—	—
(iv)	Establishment of W. P. G Plant	..	—	—	—	—	11.56	—	—	—	—	—	—	—	—	—	—
2.	Construction of Godowns	..	—	—	—	—	88.90	13650	13650	95.00	11.70	11.70	14.00	24(No)	3(No)	5(No)	—
								MT	MT								
3.	Construction of office/office-cum-residential Buildings	..	—	—	—	—	47.42	—	—	35.00	5.80	5.80	10.00	10(No)	7(No)	1(No)	—
4.	Investment in H. P. State Civil Supply Corporation	..	—	—	—	—	39.00	—	—	5.00	1.00	1.00	1.00	—	—	—	—
5.	Replacement of old Vehicles	..	—	—	—	—	—	—	—	15.00	—	—	3.00	—	—	—	—
6.	Other Charges	..	—	—	—	—	0.10	—	—	—	0.10	0.10	—	—	—	—	—
	<b>Total—(B.2)</b>	—	—	—	—	—	<b>280.32</b>	—	—	<b>385.00</b>	<b>57.00</b>	<b>57.00</b>	<b>70.00</b>	—	—	—	—
(2)	<b>CENTRALLY SPONSORED SCHEME :</b>																
1.	Investment in H.P.S.S.C Limited	..	—	—	—	—	—	—	—	80.00	—	—	18.00	—	—	—	—
2.	Purchase of Mobile Vans	..	—	—	—	—	—	—	—	50.00	—	—	12.00	—	—	—	—
	<b>Total—(C. S. S.)</b>	—	—	—	—	—	—	—	—	<b>130.00</b>	—	—	<b>30.00</b>	—	—	—	—
B.3	<b>SANCTIONED/COMMITTED SCHEMES 1990-91 :</b>																
1.	New Scheme Subsidy on Wheat to the Antyodaya Families	..	—	—	—	—	—	—	—	3150.00	500.00	500.00	630.00	—	—	—	—
	<b>Grand Total (Civil Supply)</b>	—	—	—	—	—	<b>280.32</b>	—	—	<b>3665.00</b>	<b>557.00</b>	<b>557.00</b>	<b>730.00</b>	—	—	—	—
5.	Weights and Measures	..	—	—	—	—	—	—	—	47.00	7.00	7.00	9.00	—	—	—	—
6.	Other General Economic Services																
(a)	<b>Institutional Finance :</b>																
1.	Institutional Finance & Public Enterprises Cell	..	—	—	—	—	—	—	—	50.00	6.00	6.00	10.00	—	—	—	—
2.	Opening of Shimla Stock Exchange	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(b)	<b>District Planning</b>	..	—	—	—	—	—	—	—	<b>5038.00</b>	<b>1276.00</b>	<b>1276.00</b>	<b>653.65</b>	—	—	—	—
	<b>Sub—Total—(6)</b>	—	—	—	—	—	—	—	—	<b>5088.00</b>	<b>1282.00</b>	<b>1282.00</b>	<b>663.65</b>	—	—	—	—
	<b>Total—IX</b>	—	—	—	—	—	—	—	—	<b>10610.50</b>	<b>2144.00</b>	<b>2144.00</b>	<b>1738.05</b>	—	—	—	—
	<b>Total (A) Economics Services</b>	—	—	—	—	—	—	—	—	<b>97863.00</b>	<b>23820.49</b>	<b>23820.49</b>	<b>34614.60</b>	—	—	—	—



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>B. SOCIAL SERVICES :</b>																	
<b>EDUCATION :</b>																	
<b>Primary Education :</b>																	
<b>B. 2 CRITICAL ONGOING SCHEMES</b>																	
<b>AS ON 1-4-1990 :</b>																	
1.	Direction and Administration	—	1984-85	—	—	33.83	—	—	53.11	15.24	15.24	18.00	—	—	—	—	—
2.	Inspection District and Block Level	—	-do-	—	—	30.39	—	—	95.66	23.40	23.40	23.76	—	—	—	—	—
3.	Equipment Infrastructure	—	-do-	—	—	30.19	—	—	16.00	1.70	1.70	2.00	—	—	—	—	—
4.	Maintenance of Buildings	—	-do-	—	—	815.59	—	—	—	—	—	—	—	—	—	—	—
5.	Government Primary Schools	—	-do-	—	—	577.79	—	—	1708.42	298.39	298.39	367.00	—	—	—	—	—
6.	Training and Other Services	—	-do-	—	—	349.62	—	—	1010.10	133.83	133.83	206.24	—	—	—	—	—
	(i) Voluntary Teachers	—	-do-	—	—	349.62	—	—	1010.10	133.83	133.83	206.24	—	—	—	—	—
	(ii) Part Time Water Carrier	—	-do-	—	—		—	—					—	—	—	—	—
7.	Teachers Training	—	—	—	—	1.90	—	—	25.00	0.32	0.32	5.00	—	—	—	—	—
8.	Incentives	—	—	—	—	6.34	—	—	20.00	2.40	2.40	2.82	—	—	—	—	—
9.	Other Expenditure	—	—	—	—	15.81	—	—	17.00	12.12	12.12	4.00	—	—	—	—	—
<b>Total—B. 2</b>		—	—	—	—	<b>1861.46</b>	—	—	<b>2945.29</b>	<b>487.40</b>	<b>487.40</b>	<b>568.82</b>	—	—	—	—	—
<b>B. 3 SANCTIONED SCHEMES/ COMMITTED IN 1990-91 :</b>																	
1.	Direction and Administration	—	1990-91	—	—	—	—	—	—	1.47	1.47	—	—	—	—	—	—
2.	Government Primary Schools	—	-do-	—	—	—	—	—	204.00	17.87	17.87	19.18	—	—	—	—	—
3.	Inspection	—	-do-	—	—	—	—	—	4.23	2.02	2.02	—	—	—	—	—	—
4.	Training and other Services	—	-do-	—	—	—	—	—	12.90	1.24	1.24	—	—	—	—	—	—
5.	Maintenance of Buildings	—	-do-	—	—	—	—	—	—	10.00	10.00	—	—	—	—	—	—
6.	Operation Black Board (C.C.S.)	—	—	—	—	—	—	—	1161.00	—	—	250.00	—	—	—	—	—
<b>Total—B. 3</b>		—	—	—	—	—	—	—	<b>221.13</b>	<b>32.60</b>	<b>32.60</b>	<b>19.18</b>	—	—	—	—	—
<b>Grand Total—Primary Education</b>					—	<b>1861.46</b>	—	—	<b>3166.42</b>	<b>520.00</b>	<b>520.00</b>	<b>840.00</b>	—	—	—	—	—

556

**(A) GENERAL EDUCATION:**

B.1. Completed scheme as on 31-3-90 (spill over liabi-  
 lity)

I. Direction and Administration:

(i) Staff at Dto. level (3C)	Shima	7th	3.90	3.90	1.06	3 Posts	3 Posts	6.60	1.13	1.13	1.20	—	—	—	—
(ii) Staff at District level	Entire State	Plan	16.50	16.50	14.20	13	13	32.40	3.30	3.30	6.30	—	—	—	—
(iii) Monitoring & Evaluation	State	-do-	13.50	13.50	6.10	12	12	24.00	3.76	3.76	4.40	—	—	—	—
Sub-Total—(i+iii)			33.90	33.90	21.36	—	—	63.00	8.19	8.19	11.90	—	—	—	—

II. Equipment:

(a) Science Equipment	Entire State	7th Plan	9.30	9.30	13.41	270 Schools.	270 Schools.	15.00	2.95	2.95	3.00	300 Schools.	60 Schools.	60 Schools.	—
(b) Jute Matting	"	"	10.00	10.00	18.93	1900 Schools.	1900 Schools.	20.00	3.90	3.90	4.00	2000 Schools.	390 Schools.	400 Schools.	—
(c) Craft Mat (SUPW)	"	"	5.00	5.00	4.95	250 Schools.	250 Schools.	10.00	1.65	1.65	2.00	500 Schools.	80 Schools.	100 Schools.	—
(d) Sports Mat	"	"	5.00	5.00	5.25	260 Schools.	260 Schools.	10.00	1.70	1.70	2.00	500 Schools.	80 Schools.	100 Schools.	—
(e) Furniture	"	"	8.00	8.00	19.44	200 Schools.	200 Schools.	45.00	5.60	5.60	10.00	4500 Schools.	560 Schools.	1000 Schools.	—
(f) A. V. Aids	"	"	10.00	10.00	3.56	170 Schools.	170 Schools.	—	—	—	—	—	—	—	—
(g) Black Boards	"	"	—	—	10.00	2500 Schools.	2500 Schools.	—	—	—	—	—	—	—	—
(h) Tal Patti/Chalks	"	"	—	—	11.34	1100 Schools.	1100 Schools.	—	—	—	—	—	—	—	—
Sub-Total (Equipments)			47.30	47.30	86.88	—	—	100.00	15.80	15.80	21.00	—	—	—	—

III. Maintenance of school buildings

IV. Assistance to non-Govt. M. S.

V. Inspections

(i) Estt. of Block co-terminus with C.D. blocks

(ii) Non-Formal Education

VI. Teachers and other Services

(a) Addl. Trs. for M. S. (85-C)

VII. TEACHERS TRAINING

(a) Refresher courses

III. Maintenance of school buildings	"	"	—	—	—	—	—	90.00	11.00	11.00	14.00	—	—	—	—
IV. Assistance to non-Govt. M. S.	"	"	—	—	—	—	—	18.00	1.72	1.72	4.00	51 Schools.	51 Schools.	51 Schools.	—
V. Inspections	"	"	—	—	—	—	—	—	—	—	—	—	—	—	—
(i) Estt. of Block co-terminus with C.D. blocks	"	"	29.60	29.60	23.73	69 block	69 block	104.00	17.19	17.19	18.70	—	—	—	—
(ii) Non-Formal Education	"	"	—	—	—	—	—	—	0.50	—	—	—	—	—	—
VI. Teachers and other Services	"	"	—	—	—	—	—	—	—	—	—	—	—	—	—
(a) Addl. Trs. for M. S. (85-C)	"	"	123.90	123.90	35.70	85 Trns.	85 Trns.	154.00	26.27	26.27	27.56	—	—	—	—
VII. TEACHERS TRAINING	"	"	—	—	—	—	—	—	—	—	—	—	—	—	—
(a) Refresher courses	"	"	21.50	21.50	12.54	2500 Trs.	2500 Trs.	10.00	1.53	1.53	1.53	1300 Trs.	200 Trs.	200 Trs.	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(b) Add Staff for JBT. Schools (22-C)	..	..	—	—	5.76	22Trs	22Trs	38.00	6.58	6.58	6.96	—	—	—	—	—	—
(c) Strengthening of SCERT	..	..	20.00	20.00	—	—	—	—	—	—	—	—	—	—	—	—	—
Sub-Total (VII)			41.50	41.50	18.30	—	—	48.00	8.11	8.11	8.49	—	—	—	—	—	—
(viii) Text Books	..	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
IX. SCHOLARSHIPS AND INCENTIVES.			..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(a) Sch. to SC Girls in Class VI—VIII	..	..	232.50	232.50	223.52	48600	48600	225.00	45.00	45.00	45.00	48900	9800	9800	—	—	—
						Girls	Girls					Girls	Girls	Girls			
(b) Free text books/Book Banks.	..	..	21.40	21.40	9.57	19300	19300	9.50	1.75	1.75	1.75	9500	1750	1750	—	—	—
						Children	Children					Children	Child- ren	Child- ren			
(c) Attendance Sch. to Girls	..	..	4.70	4.70	5.46	10900	10900	6.00	1.25	1.25	1.25	12000	2500	2500	—	—	—
(d) Free Clothing to girls	..	..	7.50	7.50	4.87	9500	9500	5.00	1.00	1.00	1.00	10000	2000	2000	—	—	—
(e) Free text Books in Tribal Areas	..	..	—	—	4.58	4600	4600	10.00	1.80	1.80	2.00	10000	1800	2000	—	—	—
(f) Merits scholarships	..	..	1.90	1.90	2.33	500	500	2.50	0.50	0.50	0.50	500	100	100	—	—	—
Sub—Total (IX)			268.00	268.00	250.33	—	—	258.00	51.30	51.30	51.50	—	—	—	—	—	—
X. EXAMINATIONS			..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(a) GIA to Board of School Edu.	..	..	35.00	35.00	28.00	—	—	5.00	1.00	1.00	1.00	—	—	—	—	—	—
XI Other Expenditure			..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
(a) Opening of HS (291+16)	..	..	630.00	630.00	1058.97	307	307	3525.00	568.74	568.74	640.00	300000	60000	60000	—	—	—
						Schools	Schools					Children	Children	Children			
(b) Drinking water facilities in MS (1340)	..	..	5.00	5.00	27.82	1340	1340	210.00	30.80	30.80	38.80	—	—	—	—	—	—
						Schools	Schools					—	—	—	—	—	—
(c) GIA to H.P. Edu. Society	..	..	—	—	—	—	—	5.00	1.00	1.00	1.00	—	—	—	—	—	—
(d) Edu. Technology	..	..	8.00	8.00	5.20	400	400	20.00	4.12	4.12	4.00	1700	340	340	330	—	—
						Schools	Schools					Schools	Schools	Schools	Schools	Schools	Schools
(e) Construction of School bldgs.	..	..	40.00	40.00	200.84	200	200	200.00	22.00	22.00	34.00	200	22	3400	—	—	—
						rooms	Rooms					Rooms	Rooms	Rooms	Rooms	Rooms	Rooms
(f) Setting of Diets	..	..	15.00	1500	—	—	—	—	—	—	—	—	—	—	—	—	—
Sub—Total (XI)			698.00	698.00	1292.83	—	—	3960.00	626.66	626.66	717.80	—	—	—	—	—	—
G. Total (I to XI (Ele. Edu.))			1277.20	1277.20	1757.13	—	—	4800.00	767.74	767.74	875.95	—	—	—	—	—	—

SECONDARY EDUCATION

1. Direction and Administration

(a) Adm. Units for administration of

(11—C)

Shimla ..

14.65

14.65

15.11

11

11 Posts 24.50

3.85

4.50

(c) School Complexes (5—C)	Entire State			4.10	4.10	4.23	5	5	9.60	1.45	1.45	1.75	—	—	—	—
(d) Add. staff for Sec. School (47—C)				15.00	15.00	15.00	47	47	110.00	16.00	16.00	18.00	—	—	—	—
Sub—Total I				38.35	38.35	43.12	—	—	164.10	24.55	24.55	27.95				
<b>II. RESEARCH AND TRAINING</b>																
(a) Vocationalisation of Edu. State Share (25 Schools)				—	—	21.78	25	25	100.00	16.55	16.55	18.20				
(b) Talent Search Sch. Scheme				0.75	0.75	1.85	—	—	2.00	0.35	0.35	0.35				
(c) Population Edu. (2—C)	Solan	6th Plan		2.00	2.00	1.81	2	2	3.50	0.75	0.75	0.75				
(d) Community Sc. Centre	Shimla	7th Plan		4.60	4.60	4.44	1	1	4.00	0.90	0.90	1.00				
Sub—Total (II)				7.35	7.35	29.88	—	—	109.50	18.55	18.55	20.30				
<b>III. EQUIPMENT</b>																
(a) Equipment to District offices	Entire State	7th Plan		1.00	1.00	1.00	10	10	2.00	0.25	0.25	0.25	10	10	10	—
(b) Sc. equipment to Schools				37.20	37.20	12.86	130	130	9.50	1.50	1.50	2.50	95	155	20	
(c) Furniture to School				23.30	23.30	19.97	400	400	24.00	4.10	4.10	5.00	480	82	100	
(d) Lib books to School				23.30	23.00	5.26	100	100	5.00	0.80	0.80	1.00	100	16	20	
(e) Sports material to schools				5.00	5.00	4.86	160	160	8.00	1.40	1.40	1.50	270	50	50	
(f) Craft Material (SUPW) to Schools				4.00	4.00	4.46	150	150	7.00	1.35	1.35	1.50	230	45	50	
(g) A.V. Aids				—	—	1.69	60	60	5.00	0.65	0.65	1.00	170	20	30	
Sub. Total (III)				93.80	93.80	50.10	—	—	60.50	10.05	10.05	12.25	—	—	—	—
(iv) Maintenance of School buildings				—	—	—	—	—	160.00	20.00	20.00	25.00	—	—	—	—
(v) Inspection				—	—	—	—	—	—	—	—	—	—	—	—	—
(vi) Non-Formal Education				—	—	—	—	—	—	—	—	—	—	—	—	—
(vii) Teachers and other Services				—	—	—	—	—	—	—	—	—	—	—	—	—
(a) Addl. trs. for H.S. (96—C)				100.00	100.00	53.70	96	96	182.50	28.76	28.76	33.10				
(b) Addl. trs. for Sec. Schools				65.00	65.00	66.70	205	205	414.40	69.69	69.69	76.40				
Sub Total VII				165.00	165.00	120.40	—	—	596.90	98.45	98.45	109.50				
(viii) Teacher Trainings				—	—	—	—	—	—	—	—	—	—	—	—	—
(a) Refresher Courses				18.00	18.00	17.78	3500	3500	20.00	3.15	3.15	4.00	2500	40	50	
(b) KHV Programmes				5.00	5.00	3.00	—	—	5.00	1.00	1.00	1.00	—	—	—	—
Sub Total (VIII)				23.00	23.00	20.78	—	—	25.00	4.15	4.15	5.00	—	—	—	—

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(ix) Text books																		
(x) Scholarship and Stipends.																		
(a) Free text books/Book banks		Entire State Plan	7th		18.60	18.60	9.74	6500 Students	6500 Students	10.00	2.00	2.00	2.00	6700 Studts.	1300 Studts.	1300 Studts.		
(b) Free Clothings to Girls					4.70	4.70	5.03	10100 Girls	10100 Girls	5.00	0.80	0.80	1.00	5000 Girls	800 Girls	1000 Girls		
(c) Scholarships to S.C Girls					50.00	50.00	46.29	10100 Girls	10100 Girls	47.50	9.50	9.50	9.50	10300 Girls	2065 Girls	2065 Girls		
(d) Free text books in Tribal Areas							2.29	1500 Students	1500 Students	5.00	0.90	0.90	1.00	3300 Studts.	600 Studts.	660 Studts.		
(e) Merits Scholarships					1.00	1.00	3.55	500 „	500 „	4.50	0.90	0.90	0.90	500 Studts.	100 Studts.	100 Studts.		
Sub Total—(X)					74.30	74.30	66.90			72.00	14.10	14.10	14.40					
XI. Examinations																		
XII. Assistance to Non Govt. Sec. Schools										90.00	10.10	10.10	20.00	90 Schls.	90 Schls.	90 Schls.		
XIII. Assistance to Local Bodies for Sec. Schools																		
XIV. OTHER EXPENDITURE:																		
(a) Upgrading of M.S. to H.S. (308+15)					235.30	235.30	1005.55	323 Schls.	323 Schls.	4154.00	596.10	596.10	758.28	1.60 Lakh	32000	32000		
(b) Upgrading of HS to SSS (150—C)					1000.00	1000.00	1268.69	150 Schls.	150 Schls.	3668.25	645.90	645.90	776.60	2.15 Lakh	43000	43000		
(c) Drinking water facility in HS (252—C)					3.00	3.00	21.55	252 Posts	252 Posts	40.00	7.56	7.56	7.50					
(d) Free Hostels (9—C)					21.60	21.60	23.70	9 Hostels	9 Hostels	50.00	8.19	8.19	9.00	2000 Studts.	400 Studts.	400 Studts.		
(e) Formerly UNICEF aided Projects					2.00	2.00	2.70			5.00	1.00	1.00	1.00					
(f) SC Exhibitions					2.50	2.50	2.50			2.50	0.50	0.50	0.90					
(g) Earn While you learn					10.00	10.00	8.00			10.00	0.50	0.50	2.00					
(h) National Integration					5.00	5.00	5.00			5.00	1.00	1.00	1.00					
(i) Education Technology					6.00	6.00	5.40	120 Schls.	120 Schls.	12.00	0.66	0.66	3.00	270 Schls.	14 Schls.	66 Schls.		
(j) SAINIK SCHOOL:																		
(i) Building							23.00											
(ii) G.I.A.					40.00	40.00	30.02			84.00	14.00	14.00	14.00					
(iii) Scholarships							23.99	360 Studts.	360 Studts.	35.00	6.00	6.00	6.00	450 Studts.	90 Studts.	90 Studts.		
(iv) N.C.C. Activities							4.25			9.00	1.00	1.00	1.00					
Sub Total—(j)					40.00	40.00	81.26			128.00	21.00	21.00	21.00					

(l) Environmental Education				1.20			2.00							
Sub Total—XIV		1623.40	1623.40	2859.18			8191.75	1293.41	1293.41	1600.28				
Total—(Secondary Education)		2025.20	2025.20	3190.36			9469.75	1493.36	1493.36	1834.68				
<b>I. UNIVERSITY AND HIGHER EDUCATION :</b>														
1. Direction and Administration:														
(a) Estt. of UGC cell and strengthening of Administration	Shimla 7th Plan	1.00	1.00	1.62	3 Posts.	3 Posts.	8.00	1.46	1.46	1.60				
<b>II. ASSISTANCE TO UNIVERSITIES :</b>														
(a) Assistance to H.P.U. for Development		50.00	50.00	124.94			355.00	58.00	58.00	58.00				
(b) Assistance to HPU for Diploma in Journalism				2.00			6.00	1.00	1.00	1.00				
(c) Assistance to HPU for Diploma in Bhoti		2.50	2.50	3.00			6.00	1.00	1.00	1.00				
Sub-Total (II)		52.50	52.50	129.94			367.00	60.00	60.00	60.00				
<b>III. GOVT. COLLEGES AND INSTITUTIONS :</b>														
(a) Opening/Taking-over of Colleges	Entire State	227.00	227.00	253.45	6 Colleges	6 Colleges	510.00	88.14	88.14	80.00				
(b) Starting of Evening Colleges Classes		10.00	10.00	33.17	3	3	75.00	13.40	13.40	13.50				
(c) Starting of Addl. subject/ M.A. Classes in Colleges		53.80	53.80	63.95	61 posts.	61 Posts.	134.00	17.78	17.78	25.30				
(d) Addl. Staff for Colleges		50.00	50.00	11.25	47	47	111.00	16.94	16.94	22.80				
Sub-Total (III)		340.80	340.80	361.82			830.00	136.26	136.26	141.60				
<b>IV. Assistance to Non-Govt. Colleges</b>														
				0.40	12 Colleges.	12 Colleges.	840.00	119.21	119.21	180.00	12 Colleges.	12 Colleges.	12 Colleges.	
V. Faculty Dev. Programmes		5.00	5.00	2.00			2.00	0.40	0.40	0.40				
VI. Text Books Dev. Programmes														
VII. Scholarships														
VIII. Institutes of Higher Learning														
<b>IX. OTHER EXPENDITURE:</b>														
(a) Lifting of UGC Assistance		45.00	45.00	28.00	22 rooms	22 rooms	100.00	30.00	30.00	30.00	100 rooms	30 rooms	30 rooms	
(b) Const. of Buildings		100.00	100.00	201.74	201	201	160.00	3.00	3.00	10.00	160	3	10	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(c)	Maintenance of Buildings	..	..	—	—	—	—	—	18.00	2.00	2.00	2.50	—	—	—	—	—
(d)	Imp. Programmes:																
(i)	S.C. Equipments	..	..	3.00	3.00	3.33	20 college	20 colleges	5.00	1.00	1.00	1.00	20 Colleges	10 Colleges	10 colleges		
(ii)	Sports material	..	..	8.00	8.00	0.91	—	—	1.00	0.20	0.20	0.20	20	4	4	4	4
(iii)	Equipment/furniture	..	..	6.00	6.00	6.98	—	—	10.00	2.00	2.00	2.00	20	20	20	20	20
(iv)	Library Books	..	..	1.00	1.00	1.40	—	—	2.00	0.40	0.40	0.40	20	8	8	8	8
(v)	Text-Books/Book Banks	..	..	800.	800.	1.88	—	00.8	2.00	0.40	0.40	0.40	20	8	8	8	8
(vi)	Students Welfare	Entire State	7th Plan	4.00	4.00	2.00	—	—	2.00	0.40	0.40	0.40	20 Colleges	20	20	—	—
	Sub-Total (d)	..	..	30.00	30.00	16.20	—	—	22.00	4.40	4.40	4.40					
	Sub-Total (ix)	..	..	175.00	175.00	245.94	—	—	300.00	39.40	39.40	46.90					
	Total—(Uni. & Hr. Edu.)	..	..	574.30	574.30	741.76	—	—	2347.00	356.73	356.73	430.50					
ADULT EDUCATION:																	
(i)	Direction & Administration	..	..	14.05	14.05	25.51	60	60	63.00	8.24	8.24	11.66					
(ii)	Grant to Vol. Organisations	..	..	—	—	—	—	—	—	—	—	—					
(iii)	Sharam:k Vidya Peeths	..	..	—	—	—	—	—	—	—	—	—					
(iv)	Rural Functional Literacy Programmes	..	..	30.00	30.00	40.96	500 Cen.	500 Cen.	86.00	17.27	17.27	17.40	625.00	125.00	125.00	—	—
(v)	Other Adult Edu. Programme opening of JSN	..	..	—	—	8.81	125 JSN	125 JSN	52.40	17.50	17.50	8.70	—	—	—	—	—
VI. OTHER EXPENDITURE:																	
(a)	Supply of literature on Adult Edu.	..	..	0.90	0.90	1.50	—	—	1.60	0.33	0.33	0.33					
(b)	Part-time libraries	..	..	1.00	1.00	1.53	70 Lib.	70 Lib.	1.00	0.21	0.21	0.21					
(c)	Training of staff & follow-up material	..	..	7.50	7.50	—	—	—	—	—	—	—					
	Sub-Total (VI)	..	..	9.40	9.40	2.58	—	—	2.60	0.54	0.54	0.54					
	Total (Adult Education)	..	..	53.45	53.45	77.86	—	—	204.00	43.55	43.55	38.30					
LANGUAGE DEVELOPMENT:																	
I.	Direction & Administration	..	..	—	—	2.23	1 Post	1 Post	4.00	0.70	0.70	0.80					
II.	Sanskrit Educations:																
(a)	Staff for skt. Pathshalas	..	..	5.00	5.00	—	—	—	—	—	—	—					
(b)	Addition of Skt -do-	..	..	17.00	17.00	—	—	—	—	—	—	—					

Sub-Total—II ...	23.00	23.00	0.60	—	—	15.00	1.78	1.78	4.00					
Total—(Language Dev.) ..	23.00	23.00	2.83	—	—	19.00	2.48	2.48	4.80					
<b>GENERAL:</b>														
<b>I. Direction and Administration</b>														
(a) Strengthening of accounts Services .. Shimla	7th plan	—	—	10.20	15 posts	15 posts	33.50	5.25	5.25	6.00	—	—	—	—
(b) Estt. of ACR Cell .. "	"	28.00	28.00	5.51	8 "	8 "	12.50	2.49	2.49	2.50	—	—	—	—
(c) Estt. of Plg. Cell .. "	"	—	—	3.46	6 "	8 "	15.00	2.38	2.38	2.70	—	—	—	—
Sub-Total—(I) ..		28.00	28.00	19.17	—	—	61.00	10.12	10.12	11.20	—	—	—	—
II. Training ..														
III. Reseach ..														
IV. Examination ..														
V. Examination ..														
VI. International Co-operations ..														
VII. Other Expenditure: ..														
(a) Const. of Shikasha Bhawan Shimla	7th plan	25.00	25.00	15.82	—	—	20.00	—	—	5.00	—	—	—	—
VIII. Modernisation of admn. ...														
(i) Installation of photostat Machine/Addressographer .. "	"	10.00	10.00	4.35	—	—	19.00	3.20	3.20	3.40	—	—	—	—
(ii) Estt. of computer cell and Inst. of of computers .. "	"	4.00	4.00	13.21	—	—	—	—	—	—	—	—	—	—
(iii) Installation of PBX .. "	"	—	—	—	—	—	—	—	—	—	—	—	—	—
Sub Total—(VIII)		14.00	14.00	17.56	—	—	19.00	3.20	3.20	3.40	—	—	—	—
Sub-Total (Other Expenditure)		39.00	39.00	33.38	—	—	39.00	3.20	3.20	8.40	—	—	—	—
Total (General)		67.00	67.00	52.55	—	—	100.00	13.32	13.32	19.60	—	—	—	—
<b>VI. PHYSICAL EDUCATION :</b>														
(a) National Physical Efficiency Drive .. "	"	1.25	1.25	1.08	—	—	1.00	0.20	0.20	0.20	—	—	—	—
(b) Sports Scholarships .. "	"	2.00	2.00	2.24	115 Schls.	115 Schls.	4.50	0.69	0.69	0.69	115 Schls.	115 Schls.	115 Schls.	—
(c) GIA to H.P. Sports Association .. "	"	10.00	10.00	16.00	—	—	40.00	6.00	6.00	8.00	—	—	—	—
(d) Sports Hostels .. "	"	20.00	20.00	21.14	5 Hostel	5 Hostel	55.00	9.15	9.15	11.10	600 Students	120	120	—



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(e)	Strengthening of Physical Education	..	..	2.50	2.50	2.55	2 Posts	2 Posts	4.00	0.70	0.70	0.76	—	—	—	—	—
(f)	Residential Sportswing in Colleges	..	..	5.00	5.00	—	—	—	—	—	—	—	—	—	—	—	—
(g)	GIA to Bharat Scouts Sports Association for revival of Scouts movements	..	..	—	—	—	—	—	10.00	1.45	1.45	2.00	—	—	—	—	—
(h)	Coaching Camps	..	..	5.00	5.00	5.00	—	—	5.00	1.00	1.00	1.00	—	—	—	—	—
(i)	N. C. C.																
(i)	Opening of 2nd Girls Ind. Coy.	..	..	3.00	3.00	—	—	—	—	—	—	—	—	—	—	—	—
(ii)	Opening of 2nd Group H.Q.	..	..	4.00	4.00	—	—	—	—	—	—	—	—	—	—	—	—
(iii)	Addl. staff for N.C.C.	..	Shimla 7th Plan	4.00	4.00	2.50	2 posts	2 posts	3.50	0.61	0.61	0.70	—	—	—	—	—
(iv)	Construction of N. C. C. Bhawan	..	..	—	—	6.00	—	—	—	—	—	—	—	—	—	—	—
(v)	Vehicle & Telephone to Group G.P. H.Q.	..	..	—	—	1.00	—	—	—	—	—	—	—	—	—	—	—
	Sub Total—(i)	..		11.00	11.00	9.50	—	—	3.50	0.61	0.61	0.70	—	—	—	—	—
	Total—Phy. Education	..		56.75	56.75	57.51	—	—	123.00	19.80	19.80	24.45	—	—	—	—	—
<b>ARTS AND CULTURE</b>																	
<b>I. PUBLIC LIBRARIES :</b>																	
(a)	Libraries Books to existing libraries	..	..	6.00	6.00	15.83	—	—	7.50	1.46	1.46	1.46	—	—	—	—	—
(b)	GIA to Raja Ram Muhon Roy lib. Foundation.	..	..	19.70	19.70	20.00	—	—	20.00	4.00	4.00	4.00	—	—	—	—	—
(c)	Journal Magazines to existing Libraries.	..	..	—	—	7.41	—	—	10.00	2.00	2.00	2.00	—	—	—	—	—
(d)	Furniture/equipment to libraries	..	..	6.00	6.00	12.01	—	—	5.00	1.00	1.00	1.00	—	—	—	—	—
(e)	Opening of Rural Libraries Shimla/Chamba	..	..	19.00	19.00	4.99	2 lib.	2 lib.	7.00	1.40	1.40	1.40	—	—	—	—	—
(f)	Taking over of library at Shimla	..	..	—	—	14.08	1 lib.	1 lib.	18.70	3.15	3.15	3.40	—	—	—	—	—
(g)	Library in the Directorate	..	..	1.00	1.00	0.99	1 lib.	1 lib.	4.60	0.85	0.85	0.80	—	—	—	—	—
(h)	Library Buildings	..	..	0.30	0.30	9.85	—	—	5.00	—	—	1.00	—	—	—	—	—
(i)	Part-time Water Carriers for Killar	..	..	0.20	0.20	0.10	1 post.	1 post.	0.20	0.04	0.04	0.04	—	—	—	—	—
	Total—(Public Libraries)	..		52.20	52.20	85.26	—	—	78.00	13.90	13.90	15.10	—	—	—	—	—
	Total—(General Education)	..		4129.10	4129.10	5965.26	—	—	17140.75	2710.88	2710.88	3243.23	—	—	—	—	—
		..		—	—	0.38	—	—	1.00	0.38	0.38	0.40	—	—	—	—	—

B. CENTRALLY SPONSORED SCHEMES  
OF 7TH PLAN :

ELEMENTARY EDU :

OTHER EXPENDITURE :

(i) New Edu. Technology Programmes	Entire 7th Plan State	—	—	9.62	1841 sets	1841 sets	185.00	0.01	1.00	39.44	—	—	—	—
(ii) Incentives for promotion of Ele. Edu. amongst girls	" "	40.00	40.00	7.50	—	—	—	—	—	—	—	—	—	—
II. Non-formal Education	" "	—	—	—	—	—	—	0.99	—	—	—	—	—	—
Total—(Ele. Education)		40.00	40.00	17.12	—	—	185.00	1.00	1.00	39.44	—	—	—	—

SECONDARY EDUCATION :

I. Teachers Training														
(i) Strengthening of English language teaching	" "	10.00	10.00	10.60	8 posts	8 posts	11.25	2.21	2.21	2.40	—	—	—	—
II. Research & Trainings														
(i) Vocationalisation of Edu.	" "	—	—	194.47	25 schls.	25 schls.	170.00	33.42	33.42	45.60	—	—	—	—
III. Other Expenditure :														
(i) Re-imbursment of tuition fee charges from girls in classes IX-XII	" "	—	—	8.98	—	—	—	—	—	—	—	—	—	—
(ii) Imp. of Sc. Edu.	" "	—	—	195.63	—	—	500.00	1.00	1.00	100.00	—	—	—	—
Total (Secondary Edu.)		10.00	10.00	409.68	—	—	681.25	36.63	36.63	148.00	—	—	—	—

ADULT EDUCATION

I. Direction & Administration	" "	61.00	61.00	96.70	83 persons.	83 persons.	121.50	15.59	15.59	24.30	—	—	—	—
II. Rural functional & literacy	" "	147.60	147.60	124.27	1200 centres.	1200 centres.	207.00	11.75	11.75	41.40	—	—	—	—
III. Other Adult Edu. Programmes														
(i) J. S. N.	" "	—	—	4.54	180 JSN	180 JSN	31.50	1.00	1.00	6.30	—	—	—	—
IV. Other Expenditures														
(i) Prod. of literature & follow up materials	" "	0.50	0.50	—	—	—	—	—	—	—	—	—	—	—
(ii) Incentives for promotion of females Adult literacy	" "	—	—	5.75	—	—	—	—	—	—	—	—	—	—
Total—(Adult Edu.)		209.10	209.10	231.26	—	—	360.00	28.34	28.34	72.00	—	—	—	—

LANGUAGE DEV. (SKT. EDU.):

(1) Assistance to indigent Skt. Pandits	" "	0.50	0.50	0.23	—	—	0.25	—	—	0.06	—	—	—	—
(2) Dev. of Skt. Edu. Supply of books on Skt. Edu.	" "	0.50	0.50	1.00	—	—	2.00	0.01	0.01	0.50	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(3)	Staff for existing Skt. facilities	„	„	4.90	4.90	—	—	—	—	—	—	—	—	—	—	—	—
	Total—(Language Dev.)			5.90	5.90	1.23	—	—	2.25	0.01	0.01	0.56	—	—	—	—	—
GENERAL:																	
(i)	Edu. Technology Cell	Shimla	5th Plan	10.00	10.00	5.93	3 Posts	3 Posts	9.00	1.33	1.33	1.50	—	—	—	—	—
(ii)	Post Matric Scholarship for SC/ST	Entire State	—	10.00	10.00	12.29	—	—	10.00	1.00	1.00	1.00	—	—	—	—	—
(iii)	National Scholarship	„	—	5.00	5.00	4.23	—	—	5.00	0.01	0.01	1.00	—	—	—	—	—
(iv)	Conduct of 5th All India Edu. Survey	„	—	—	—	6.47	—	—	—	—	—	—	—	—	—	—	—
(v)	Upgradation of Merits of SC/ST Students	„	7th Plan	—	—	0.92	—	—	2.50	0.01	0.01	0.50	—	—	—	—	—
(vi)	Environmental Edu.	„	—	—	—	8.77	—	—	10.00	2.41	2.41	3.00	—	—	—	—	—
	Total—(General)			25.00	25.00	38.61	—	—	36.50	4.76	4.76	7.00	—	—	—	—	—
SOCIAL SECURITY:																	
(1)	Welfare of Handicapped		5th Plan	5.00	5.00	15.22	—	—	35.00	7.32	7.32	8.00	—	—	—	—	—
	Total—(CSS of 7th Plan) B			295.00	295.00	713.12	—	—	1300.00	78.06	78.06	275.00	—	—	—	—	—
	G. Total			4129.10*	4129.10*	5965.64*	—	—	18441.75*	2711.26*	2711.26*	3518.78*	—	—	—	—	—

\*This does't include expenditure/outlay against central share of C.S.S.

#### TECHNICAL EDUCATION :

1.	Strengthening of Directorate (Tech. Wing).	Directo- rate (Tech. Wing).	To impart training in Engg. upto Diploma & Degree College	1972	—	—	12.40	—	—	35.00	6.23	6.23	7.00	—	—	—	—
(i)	Direction & Administration																
2.	Junior Technical School, Kangra :																
(i)	Machinery & Equipment, purchase of deficit equipment, removal of obsolete buildings & residence		To impart training upto J. T. S. level	1950	—	—	1.11	60	60	4.70	4.70	4.70	—	—	—	—	—

(i)	Salaries & other contingencies relating to staff & training & purchase of Machinery & Equipment	Engg. upto 7th Diploma Level	—	—	118.90	260 every year	260 every year	332.60	52.25	52.25	60.00	—	—	—	—	—
(ii)	Buildings & residence	-do-	364.93	577.40	252.47	—	—	304.93	75.95	75.95	32.56	—	—	—	—	—
Sub-Total (3)			364.93	577.40	371.37	—	—	637.53	128.20	128.20	92.56	—	—	—	—	—
4.	Scholarship	Scholarship	1984	—	—	—	—	25.00	5.00	5.00	5.00	—	—	—	—	—
5.	Strengthening of State Board of Technical Education	Examination	1986	—	—	19.85	—	—	85.00	10.00	10.00	8.00	—	—	—	—
6.	Strengthening of Engineering College	To impart training up to Degree level	1986	—	—	447.22	105 Every year.	105 Every year.	500.00	85.00	85.00	100.00	—	—	—	—
7.	Publicity		—	—	—	—	—	—	0.70	0.70	—	—	—	—	—	—
Total—(1 to 6)			364.93	577.40	872.66	—	—	1287.23	239.83	239.83	212.56	—	—	—	—	—

### I. CRAFTSMAN VOCATIONAL TRAINING SCHEME

#### 1. Strengthening of Directorate

(i)	Direction & administration	To impart vocational training up to I.T.I. level & award of NCVT certificate in H.P.	During 7th Plan	—	—	4.01	—	—	7.20	1.27	1.27	1.78	—	—	—	—
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#### II. Craftsmen Training Scheme:

(i)	Salaries of staff	-do-	-do-	—	—	44.88	—	—	101.75	10.61	10.61	12.35	—	—	—	—
(ii)	Buildings, residential accommodation & Hostel etc.	-do-	-do-	—	—	141.51	—	—	538.43	88.45	88.45	79.36	—	—	—	—
(iii)	Purchase of deficit equipment & Modernisation	-do-	-do-	—	—	71.54	—	—	201.73	11.00	11.00	—	—	—	—	—

#### III. Apprenticeship Training Scheme

To implement apprenticeship

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Centrally sponsored schemes:	act, 1961	-do-	—	—	—	—	—	200.00	—	—	—	—	—	—	—	—
<b>IV.</b>	<b>Strengthening of Directorate:</b>																
	(i) Direction & administration (salaries & other contingencies)	-do-	1989-90	23.07	—	—	—	—	11.54	1.62	1.62	2.94	—	—	—	—	—
<b>V.</b>	<b>Craftsmen Training Scheme (50:50 share)</b>																
	(i) Salaries, Equipment, opening of new courses/trades, audio visual, Maintenance cell etc.	-do-	-do-	494.57	—	—	—	—	206.78	52.22	52.22	41.57	—	—	—	—	—
	Sub-Total (I & V)			517.64	—	261.94	—	—	1267.43	165.17	165.17	138.00	—	—	—	—	—
<b>II</b>	<b>NEW SCHEMES</b>																
<b>1.</b>	<b>Strengthening of existing I.T.I.:</b>																
	(i) Building	-do-	1990-91	13.12	—	—	—	—	13.12	2.00	2.00	5.00	—	—	—	—	—
	Total (II)			13.12	—	—	—	—	13.12	2.00	2.00	5.00	—	—	—	—	—
	Grand Total (I & II)			530.76	—	261.94	—	—	1280.55	167.17	167.17	143.00	—	—	—	—	—
<b>III.</b>	<b>TRIBAL SUB-PLAN</b>																
	(i) Strengthening of I.T.I's in Tribal Areas	To impart vocational upto the level of I.T.I. level and award of certificate of NCVT	1985-86	—	—	34.01	—	—	79.45	18.00	18.00	18.00	—	—	—	—	—
	Total (Tribal & Non-Tribal)			530.76	—	295.95	—	—	1360.00	185.17	185.17	161.00	—	—	—	—	—
	Total (Technical Education including Craftsman & Vocational Trainings)			895.69	577.40	1168.61	—	—	2647.23	425.00	425.00	373.56	—	—	—	—	—

B. (2) Critical on going schemes  
as on 1-4-1990

1.	G.I.A. to H. P. Sports Council	Sports Promotion	1982-83	—	—	43.25	—	—	102.20	7.98	7.98	19.00	—	—	—	—	—
2.	Organisation of coaching camps	All over H. P.	1982-83	—	—	9.15	—	—	32.80	4.15	4.15	4.15	—	—	—	—	—
3.	Stipend for trainees at NIS Patiala	Shimla	1985-86	—	—	0.78	—	—	1.20	—	—	0.30	—	—	—	—	—
4.	Sports Scholarship to Non-students	H.P.	-do-	—	—	1.15	—	—	3.60	—	—	—	—	—	—	—	—
5.	Run-Run-Run for Cross country races	-do-	-do-	—	—	1.80	—	—	12.35	—	—	2.40	—	—	—	—	—
6.	Refresher courses for Inservice personnell	-do-	-do-	—	—	0.75	—	—	—	—	—	—	—	—	—	—	—
7.	Incentive to attend Mobile coaching camps	-do-	-do-	—	—	1.60	—	—	2.40	—	—	0.60	—	—	—	—	—
8.	Const. of Distt. and utility stadia	-do-	1983-84	—	—	109.29	—	—	95.40	15.40	15.40	14.00	—	—	—	—	—
8.(b)	Const. of Distt. stadia (C.S.S.)	-do-	-do-	—	—	—	—	—	65.00	—	—	15.00	—	—	—	—	—
9.	Const. of play fields	-do-	-do-	—	—	22.85	—	—	14.40	—	—	3.60	—	—	—	—	—
10.	Purchase of sports equipment	-do-	1985-86	—	—	5.53	—	—	17.15	—	—	2.75	—	—	—	—	—
11.	State liability on account of H.A.T.C.	Shimla	-do-	—	—	12.15	—	—	3.06	1.00	1.00	2.06	—	—	—	—	—
12.	Const. of HRTC workshop at Nahana	Sirmaur	-do-	—	—	5.00	—	—	—	—	—	—	—	—	—	—	—
13.	G.I.A. to State Youth Board	H.P.	1983-84	—	—	25.71	—	—	41.30	5.50	5.50	7.00	—	—	—	—	—
14.	Organisation of non-student youth festival	-do-	1985-86	—	—	6.47	—	—	9.74	—	—	1.95	—	—	—	—	—
15.	Organisation of work Camps	-do-	-do-	—	—	5.83	—	—	14.80	2.50	2.50	2.50	—	—	—	—	—
16.	Inter State Youth Exchange Programme	H. P.	1985-86	—	—	5.54	—	—	—	—	—	—	—	—	—	—	—
17.	Org. of youth leadership camps	-do-	-do-	—	—	5.25	—	—	—	—	—	—	—	—	—	—	—
18.	Purchase of traditional dresses	-do-	-do-	—	—	0.42	—	—	—	—	—	—	—	—	—	—	—
19.	TRYSEM	-do-	1986-87	—	—	3.27	—	—	—	—	—	—	—	—	—	—	—
20.	Const. of youth centres-cum-sports & culture complex at Shimla	Shimla	1983-84	—	—	61.00	—	—	69.00	1.00	1.00	17.00	—	—	—	—	—
21.	Const. of Distt. youth centres	H. P.	1985-86	—	—	8.71	—	—	46.54	1.00	1.00	2.00	—	—	—	—	—
22.	Publicity	-do-	-do-	—	—	0.37	—	—	0.40	—	—	0.10	—	—	—	—	—
23.	Purchase of camping equipment	—	—	—	—	—	—	—	6.30	—	—	—	—	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
24.	LYY:	..	-do-	-do-	—	—	2.15	—	—	—	—	—	—	—	—	—	—
25.	Const. of community Centres	..	-do-	-do-	—	—	0.26	—	—	—	—	—	—	—	—	—	—
26.	M.S.S.	..	-do-	-do-	—	—	8.24	—	—	16.09	2.00	2.00	3.29	—	—	—	—
27.	Direction and Administration	..	Shimla	1984-85	—	—	74.89	—	—	158.77	24.47	24.47	28.70	—	—	—	—
28.	Rural sports centres	..	H.P.	1983-84	—	—	2.64	—	—	12.05	—	—	2.60	—	—	—	—
Total (Youth, Sports & Services) ..					—	—	427.53	—	—	724.55	65.00	65.00	129.00	—	—	—	—

## V. Art and Culture

### 1. Direction & Administration

#### Directorate

1.	Staff	..	—	—	—	—	50.09	—	—	74.00	15.34	15.34	18.20	—	—	—	—
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## II. Schemes

(i)	Award	..	Shimla	1985-86	—	—	3.60	—	—	6.70	1.00	1.00	1.00	—	—	—	—
(ii)	Grant-in-aid to literary institutions	..	Shimla	1980-81	—	—	2.35	—	—	—	—	—	—	—	—	—	—
(iii)	Publication (Monographs, other literary Projects/vipasa/Eikro fan etc.)	..	Shimla	-do-	—	—	12.72	—	—	20.00	4.00	4.00	4.00	—	—	—	—
(iv)	Celebration of Hindi/Pahari, Urdu & Sanskrit Divas	..	Shimla	—	—	—	4.86	—	—	6.00	1.00	1.00	1.00	—	—	—	—
(v)	Introduction of modern techniques and implements	..	—	—	—	—	1.78	—	—	4.00	0.50	0.50	0.50	—	—	—	—
(vi)	Writers Homes at D/shala/Mandi/Solan/Nahan	..	—	—	—	—	1.57	—	—	9.00	0.50	1.00	1.00	—	—	—	—
(vii)	G/o Directorate Buildings	..	Shimla	—	—	—	14.00	—	—	5.00	3.50	3.50	—	—	—	—	—
(viii)	C/o Sanskrit Bhan at Shimla	..	Shimla	—	—	—	—	—	—	5.00	1.00	1.00	1.00	—	—	—	—
(ix)	G/o writers home at	..	—	—	—	—	—	—	—	6.00	0.50	0.50	0.50	—	—	—	—

... (performing artists)	Shimla 1985-86	—	—	5.38	—	—	5.00	1.00	1.00	1.00	—	—	—	—	—	
Total—(Direction & Administration) ..		—	—	95.35	—	—	140.70	28.34	28.34	28.20	—	—	—	—	—	
<b>B. PROMOTION OF ART AND CULTURE:</b>																
<b>I. Staff</b>																
<b>II Schemes</b>																
(i)	GIA to Himachal Academy	..	Shimla 1973-74	—	—	30.26	—	—	70.00	8.00	8.00	12.00	—	—	—	—
(ii)	Exp. on festivals (cosmopolitan city)	..		—	—	5.88	—	—	8.00	1.00	1.00	2.00	—	—	—	—
(iii)	Expenditure on All India level festivals	..		—	—	6.35	—	—	10.00	1.00	1.00	2.00	—	—	—	—
(iv)	Celebration of fairs	..		—	—	4.16	—	—	9.00	1.00	1.00	1.00	—	—	—	—
(v)	Inter State Exchange of Cultural Troups	..		—	—	7.85	—	—	5.00	0.50	0.50	1.00	—	—	—	—
(vi)	Scholarship	..		—	—	2.20	—	—	4.00	0.40	0.40	0.50	—	—	—	—
(vii)	Competition	..		—	—	5.36	—	—	6.00	0.70	0.70	1.50	—	—	—	—
(viii)	Maintenance of Kala Kendras	..		—	—	0.90	—	—	3.00	0.40	0.40	0.50	—	—	—	—
(ix)	C/o Kala Kendra at Dharamshala	..	D/Shala	—	—	7.25	—	—	2.00	0.25	0.25	0.25	—	—	—	—
(x)	C/o Kala Kendra at Mandi	..	Mandi	—	—	—	—	—	2.00	0.25	0.25	0.50	—	—	—	—
(xi)	Cultural Troups to Foreign Countries	..		—	—	0.37	—	—	4.00	—	—	0.50	—	—	—	—
(xii)	GIA to Art Organisation	..		—	—	31.32	—	—	—	—	—	—	—	—	—	—
(xiii)	GIA to Cultural Organisation	..		—	—	1.02	—	—	—	—	—	—	—	—	—	—
(xiv)	Workshop on performing/fine Art	..		—	—	5.62	—	—	6.00	0.40	0.40	0.60	—	—	—	—
(xv)	Assistance to persons in indigent Circumstances	..		—	—	0.27	—	—	0.80	0.10	0.10	0.10	—	—	—	—
(xvi)	Children doll Museum and Library/Film	..		—	—	2.15	—	—	3.00	0.30	0.30	0.50	—	—	—	—
(xvii)	Sponsored Programme by the Deptt.	..		—	—	0.23	—	—	4.00	—	—	1.00	—	—	—	—
(xviii)	North Zone cultural Centre	..		—	—	99.00	—	—	2.50	1.00	1.00	1.00	—	—	—	—
(xix)	Renovation of Gaiety Theatre	..		—	—	46.66	—	—	8.00	0.50	0.50	1.00	—	—	—	—
(xx)	Mini Bus for Artist and Equipments	..		—	—	—	—	—	2.00	1.00	1.00	1.00	—	—	—	—



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(xxi)	Naritya Natika/chair on performing Art/Rach-nakar ..	—	—	—	—	5.00	—	—	5.00	0.70	0.70	1.50	—	—	—	—	—
(xxii)	Kala Kendra at Nahan/Solan ..	—	—	—	—	—	—	—	—	—	—	0.50	—	—	—	—	—
	C. S. S. (Assistance to persons in indigent circumstances) ..	—	—	—	—	0.26	—	—	1.05	0.01	0.01	0.21	—	—	—	—	—
	Total—Promotion of Art and Culture ..	—	—	—	—	262.25	—	—	168.35	18.18	18.18	29.98	—	—	—	—	—

#### ARCHEOLOGY AND ARCHEOLOGICAL SURVEY :

##### I. Direction and Administration.

###### I. Staff ..

###### II. Schemes

- (i) GIA to Historical and old Temples ..
- (ii) Film on objects of Archeological importance ..
- (iii) GIA to temples for up keep ..
- (iv) Expoloration and excavation ..
- (v) Monographs on Archaeology ..
- (vi) G. I. A. to Renuka Dev. Board ..
- (vii) G.I.A. to Bhimakali Temple ..
- (viii) Installation of Statue ..

Total: C (Archaeology and Archaeological Survey) ..

I. Staff ..	—	—	—	—	—	12.62	—	—	40.00	6.54	6.54	7.40	—	—	—	—	—
(i) GIA to Historical and old Temples ..	—	—	—	—	—	20.38	—	—	30.00	5.00	5.00	5.00	—	—	—	—	—
(ii) Film on objects of Archeological importance ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
(iii) GIA to temples for up keep ..	—	—	—	—	—	2.94	—	—	8.00	1.00	1.00	1.00	—	—	—	—	—
(iv) Expoloration and excavation ..	—	—	—	—	—	3.20	—	—	8.00	1.50	1.50	1.00	—	—	—	—	—
(v) Monographs on Archaeology ..	—	—	—	—	—	0.70	—	—	2.00	0.25	0.25	0.50	—	—	—	—	—
(vi) G. I. A. to Renuka Dev. Board ..	—	—	—	—	—	2.00	—	—	5.00	1.00	1.00	0.40	—	—	—	—	—
(vii) G.I.A. to Bhimakali Temple ..	—	—	—	—	—	3.54	—	—	6.00	1.17	1.17	1.18	—	—	—	—	—
(viii) Installation of Statue ..	—	—	—	—	—	22.03	—	—	2.00	0.80	0.80	2.00	—	—	—	—	—
Total: C (Archaeology and Archaeological Survey) ..	—	—	—	—	—	67.41	—	—	101.00	17.26	17.26	18.48	—	—	—	—	—

##### D. ARCHIVES :

Estt. of State Archives:

###### (i) Direction and Adminis-

(i) Direction and Adminis-	—	—	—	—	—	3.74	—	—	22.00	2.42	2.42	3.25	—	—	—	—	—
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cupis	—	—	—	—	2.22	—	—	5.00	0.25	0.25	0.40	—	—	—	—
(iii) Setting up of library	—	—	—	—	0.59	—	—	4.00	0.10	0.10	0.20	—	—	—	—
(iv) Seminars on Archives	—	—	—	—	0.64	—	—	5.00	0.20	0.20	0.40	—	—	—	—
(v) Slide Archives	—	—	—	—	0.34	—	—	5.00	0.30	0.30	0.50	—	—	—	—
(vi) Material for development of Archives	—	—	—	—	1.00	—	—	6.00	1.00	1.00	1.00	—	—	—	—
(vii) C/o Archives Building	—	—	—	—	—	—	—	5.00	1.00	1.00	—	—	—	—	—
(viii) C.S.S. (Material for Dev. of Archives)	—	—	—	—	—	—	—	20.95	—	—	4.29	—	—	—	—
<b>Total—(Archives)</b>	—	—	—	—	<b>10.80</b>	—	—	<b>77.95</b>	<b>5.72</b>	<b>5.72</b>	<b>10.54</b>	—	—	—	—

**(E) MUSEUM :**

(i) Direction and Administration Staff	—	—	—	—	8.94	—	—	38.00	5.80	5.80	6.70	—	—	—	—
(ii) Schemes :															
(i) Art objects for Himachal State Museum	—	—	—	—	2.44	—	—	4.00	0.20	0.20	0.30	—	—	—	—
(ii) Art objects for Bhuri-Singh Museum, Chamba	—	—	—	—	1.78	—	—	4.00	0.20	0.20	0.30	—	—	—	—
(iii) Art objects for Kangra Art Museum Dharamshala	—	—	—	—	1.90	—	—	8.00	1.00	1.00	1.00	—	—	—	—
(iv) Fellowship in museum	—	—	—	—	0.54	—	—	—	—	—	—	—	—	—	—
(v) Documentation of Art objects	—	—	—	—	—	—	—	5.00	0.30	0.30	1.00	—	—	—	—
(vi) C/o Bhuri Singh Museum Chamba	—	—	—	—	2.25	—	—	5.00	1.00	1.00	1.00	—	—	—	—
(vii) C/o Himachal State Museum	—	—	—	—	4.15	—	—	5.00	1.00	1.00	1.00	—	—	—	—
(viii) Art objects Kangra Art Museum Dharamshala	—	—	—	—	24.48	—	—	4.00	1.00	1.00	1.00	—	—	—	—
(ix) Site Museum at various places in the H. P.	—	—	—	—	—	—	—	4.00	—	—	—	—	—	—	—
<b>Total—(Museums)</b>	—	—	—	—	<b>46.48</b>	—	—	<b>77.00</b>	<b>10.50</b>	<b>10.50</b>	<b>12.30</b>	—	—	—	—
<b>Grand—Total</b>	—	—	—	—	<b>483.29</b>	—	—	<b>566.00</b>	<b>80.01</b>	<b>80.01</b>	<b>99.50</b>	—	—	—	—

**TRIBAL AREA SUB PLAN :**

(i) Development of Hindi	—	—	—	—	2.07	—	—	10.00	1.11	1.11	1.20	—	—	—	—
(ii) Language and Culture Survey	—	—	—	—	2.02	—	—	2.00	—	—	0.10	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>B. PROMOTION OF ART AND CULTURE :</b>																	
(i)	Exp. on Archaeological Cell					12.38			18.00	2.39	2.39	3.30					
(ii)	GIA to Himachal Academy fairs & Festivals/Old and Historical Monuments					10.58			28.00	5.55	5.55	3.70					
(iii)	Exp. on Archives					2.85			6.00	0.95	0.95	1.00					
(iv)	Exp. on Museum/Art Gallery								5.00	2.00	2.00	0.20					
<b>CAPITAL OUTLAY</b>																	
(i)	Site Museum at Killar, Bharmour, Keylong								6.00	1.00	1.00	1.00					
(ii)	Terraces at Manimahesh	Bharmour	88-89			2.00			5.00	0.50	0.50	1.00					
(iii)	Beautification of Chau-rasi Temple	-do-	1980-81			7.30			5.00	1.00	1.00	0.50					
(iv)	C/o Kala Kendra at Kaza	Kaza	1989-90						5.00	0.60	0.60	0.50					
(v)	Kala Kendras at Reckong Peo	Reckong Peo.	1988-89			3.50			5.00	1.40	1.40	1.50					
(vi)	Repair of Murang Fort	Murang	1989-90						5.00	0.50	0.50	0.50					
(vii)	Repair of Kamroo Fort	Kamroo				0.94			5.00	0.50	0.50	0.50					
(viii)	Beautification of Tabo Monastery	Tabo	1989-90						5.00	0.50	0.50	0.50					
(ix)	Development of Durga Temple	Kothi	1988-89			0.90											
(x)	Development of Durga Temple at Ropa	Ropa	1989-90			1.00											
(xi)	Development of Beas Temple	Rohtang Pass.	1985-86			4.30											
(xii)	C/o Bachat Bhawan at Reckong Peo	Reckong Peo.	-do-			6.40											
Total—(Tribal Area Sub-Plan)						56.24			110.00	18.00	18.00	15.50					
Grand—Total						539.53			675.00	98.00	98.00	115.00					

**6. MOUNTAINEERING AND ALLIED SPORTS :**

**2. CRITICAL ON GOING SCHEMES AS ON 1-4-90:**

(1) Augmentation of Directorate of Mountaineering & Allied Sports Mandi .. Scheme 1985-90

45.00 56.41 56.41 — — 40.00 14.79 14.79 20.00

This being a staff oriented

Dharanalsala	shala	-do-	13.00	10.78	10.78	2200	2215	26.00	3.65	3.65	3.34	2500P	250P	250P	—	—
(3) Strengthening of HAT- cum-Skiing Centre Narkanda and Dalhousie/ Chamba	HAT/ Skiing Scheme	-do-	8.00	4.32	4.32	1300	1355	28.45	2.77	2.77	4.10	1000P	250P	250P	—	—
						Persons	Persons									
(4) Hang Gliding Scheme	Hang Gliding	-do-	8.00	8.16	8.16	—	—	—	1.00	1.00	—	—	—	—	—	—
(5) Augmentation of Regional water Sports Centre at Pongdam and Sub-Centre Bilaspur	Pong Dam	-do-	6.00	18.22	18.22	750	1181	115.55	10.39	10.39	16.00	1000P	200P	200P	—	—
						Person	Person									
(6) Strengthening of Mountain Rescue & Training Scheme at Jispa, Khoksar/Bharmour		-do-	20.00	18.92	18.92	500	446	25.00	8.00	8.00	8.00	500P	100P	100P	—	—
						Person	Person									
Total—(Mountaineering Allied Sports)			—	—	116.81	—	—	235.00	40.00	40.00	52.00	—	—	—	—	—
7. GAZETTEER			—	—	19.20	—	—	30.00	7.00	7.00	6.00	—	—	—	—	—
Total—X (Education and Allied)			—	—	—	—	—	25919.95	3866.26	3866.26	5034.34	—	—	—	—	—

## XI. HEALTH :

### 1. ALLOPATHY —

#### B.3 SANCTIONED SCHEMES/COMMITTED IN 1990-91

#### I. MINIMUM NEEDS PROGRAMME (CONTINUED SCHEMES) :

(i) Const. of Health Sub centres/ PHCs/CHCs Quarters	State Smjeh	Different e years	—	—	390.38	—	—	490.00	80.83	80.83	80.00	-8 R-HS 2 -52 HSCS -150	CHC Cons- truc- tion spilled over work is conti- nuing	Effort will be made to com- plete conti- nuing works	—	—
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
(ii)	Const. of Health Sub-centres/PHCs/CHCs under UNFPA Project (10% State Share)	Construction Programme in 9 district	1990-91	350.00	—	—	—	—	350.00	54.00	54.00	82.30	HSCs -600 PHCs -45 FW Trg. School -2 FW centres -27 Regional FW Trg. centre	200 15 2 9	200 15 Conti- nue 9	—	—		
(iii)	Opening of Health Centres	Sub-Scheme	5th five year Plan	—	—	199.27	—	—	260.00	49.64	49.64	51.00	—	—	—	—	—		
(iv)	Opening of Primary Health Centres	-do-	6th five year plan	—	—	328.56	—	—	800.00	131.27	131.27	144.20	—	—	—	—	—		
(v)	Opening of Community Health Centres	-do-	-do-	—	—	109.92	—	—	226.00	37.06	37.06	40.70	—	—	—	—	—		
(vi)	Strengthening of services at PHCs (Staff transferred from USAID)	-do-	7th plan	—	—	49.63	—	—	83.00	13.65	13.65	15.00	—	—	—	—	—		
(vii)	Continuation of Expenditure on PHC Bharmour	-do-	Since 5th five year plan	—	—	15.00	—	—	32.50	5.37	5.37	5.90	—	—	—	—	—		
(viii)	Multipurpose Workers Scheme (State Plan)	-do-	Since 7th plan	—	—	296.25	—	—	813.00	133.23	133.23	146.40	—	—	—	—	—		
(ix)	UNFPA Project (10% State Share)	-do-	1990-91	—	—	—	—	—	39.00	39.00	40.00	—	—	—	—	—	—		
(x)	Provision for minor works	Repairs of bldgs.	1990-91	—	—	—	—	—	12.50	2.50	2.50	2.50	—	Special Repairs if any	—	—	—		
(xi)	Construction of Doctors other at PHCs	-do-	1985-86	—	—	117.57	—	102 Qtrs.	—	—	—	—	—	—	—	—	—		
(xii)	Multipurpose workers scheme (50:50)	-do-	—	—	—	3.99	—	—	—	—	—	—	—	—	—	—	—		
									Scheme added in MPW State Scheme at Sr. No, 11 w.e.f.1-4-90										

**NEEDS PROGRAMME :**  
**I. HOSPITAL AND DISPENSARIES :**

(i) Construction of District Hospitals, Hospitals & dispensaries buildings with staff quarters	Constructon of programmes in all districts			503.03		211.00	34.90	34.90	38.00	Spilled over construction of (i) Distt. Hospitals—6 (ii) Civil Hospitals—6 (iii) Civil Dispensaries—27				
(ii) Estt. of Civil Dispensaries	Shimla district	1985-86		13.50		13.70	2.14	2.14	2.50					
(iii) Providing of additional Staff to Dental Clinics	State scheme	1985-86		8.51		13.70	2.18	2.18	2.50					
(iv) Providing of staff under Dental Scheme Health Service	-do-	1985-86		14.26		44.50	7.50	7.50	8.00					
(v) Strengthening of services at district Hospitals and Zonal Hospitals	-do-			209.42		495.00	83.24	83.24	91.00					
(vi) Providing of additional Staff/ME to Rural Hospitals	-do-	1987-88		10.75		52.10	8.55	8.55	9.00					
(vii) Provision for minor works	-do-	1990-91				10.00	2.00	2.00	2.00					
<b>Total (Hospital &amp; Dispensaries)</b>				<b>759.47</b>		<b>840.00</b>	<b>140.51</b>	<b>140.51</b>	<b>153.00</b>					

**III. TRAINING :**

(i) Training of Male Health Workers/ General Nurses	State Scheme	1981-82		37.81		105.00	17.27	17.27	19.00					
<b>Total—Training</b>				<b>37.81</b>		<b>105.00</b>	<b>17.27</b>	<b>17.27</b>	<b>19.00</b>					

**IV. OTHER PROGRAMMES :**

(i) Estt. of Composite Testing Laboratory at Kandaghat	-do-	Fifth Plan		55.15		67.00	11.18	11.18	12.00					
(ii) Strengthening of services at Health Centre for Handicapped	-do-	Sixth Plan		1.83		3.20	0.55	0.55	0.60					
(iii) Establishment of Drug Cell in Health and FW	-do-	1985-86		2.30		7.00	1.14	1.14	1.25					

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(iv)	Continuation of expenditure on Directorate staff ..	-do-	Sixth/ Seventh Plan	—	—	25.80	—	—	88.00	14.39	14.39	16.00	—	—	—	—	—
(v)	Strengthening of Civil Registration and Vital Statistics ..	-do-	Seventh Plan	—	—	8.69	—	—	20.28	3.28	3.28	3.60	—	—	—	—	—
(vi)	Establishment at 2 Mobile Units under National Programme for Control of Blindness ..	-do-	-do-	—	—	65.80	—	—	129.32	21.61	21.61	23.75	—	—	—	—	—
(vii)	Strengthening of Services at District Head-Quarters ..	-do-	-do-	—	—	22.33	—	—	100.39	16.39	16.39	18.00	—	—	—	—	—
(viii)	Establishment of Research, Monitoring and Evaluation Cell in Health Dte. ..	-do-	-do-	—	—	2.14	—	—	5.00	0.83	0.83	0.90	—	—	—	—	—
(ix)	Establishment of survey team to find out morbidity Pattern in Tribal areas ..	-do-	-do-	—	—	5.17	—	—	10.00	1.60	1.60	1.75	—	—	—	—	—
(x)	Establishment of Transport workshop at Tanda ..	-do-	-do-	—	—	3.03	—	—	16.47	2.67	2.67	3.00	—	—	—	—	—
(xi)	Establishment of Audio-visual services in Tribal Areas ..	-do-	-do-	—	—	2.09	—	—	3.48	0.58	0.58	0.65	—	—	—	—	—
(xii)	Continuation of expenditure on leprosy Central Programme ..	-do-	-do-	—	—	5.70	—	—	50.36	8.36	8.36	9.00	—	—	—	—	—
(xiii)	Providing of additional incentives under Family Welfare Programme ..	-do-	-do-	—	—	169.54	—	—	75.00	15.00	15.00	16.50	—	—	—	—	—
(xiv)	Providing of Grant-in-aid to Indian Red Cross Society ..	-do-	-do-	—	—	2.00	—	—	11.00	11.00	11.00	—	—	—	—	—	—
(xv)	Provision for Publicity ..	-do-	-do-	—	—	1.00	—	—	2.50	0.50	0.50	0.50	—	—	—	—	—
(xvi)	Decretal charges awarded by the Court in respect of Case No. 71/85 (Sh. Tej Ram v/s The State of H.P.) ..	-do-	-do-	—	—	0.55	—	—	—	—	—	—	—	—	—	—	—
<b>Total—(Other Programme) ..</b>				—	—	<b>373.12</b>	—	—	<b>589.00</b>	<b>109.08</b>	<b>109.08</b>	<b>107.50</b>	—	—	—	—	—

(i) Establishment of E.S.I. Dispensaries	in Industrial area.	—	—	25.18	—	—	41.50	6.62	6.62	7.50	—	—	—	—
Total—(E.S.I. Dispensaries)		—	—	25.18	—	—	41.50	6.62	6.62	7.50	—	—	—	—
Total O.M.N.P.		—	—	1684.38	—	—	2073.00	358.45	358.45	287.00	—	—	—	—
<b>VI. C.S.S. on 50:50 Sharing basis:</b>														
1. National Malaria Eradication Programme (Transferred to State Plan)	Central Govt. health scheme.	—	—	378.83	—	—	752.00	64.97	64.97	142.00	} Including 50% Central Share.			
2. National T.B. Control Programme (Transferred to State Plan)	-do-	—	—	109.97	—	—	243.50	20.00	20.00	44.00				
Total—(CSS on 50:50 Sharing Basis)		—	—	488.80	—	—	995.50	84.97	84.97	186.00	—	—	—	—
Grand Total		—	—	3194.95	—	—	5547.50	905.00	905.00	895.00	—	—	—	—
<b>B. 2 (B) CSS on (CENTRAL SHARE).</b>														
1. National Family Welfare Programme	100% C.P.	—	—	2961.77	—	—	2633.00	678.12	678.12	612.00	100	20	20	—
2. Training of Multipurpose Workers (Male)		—	—	7.80	—	—	16.50	2.70	2.70	3.00	—	—	—	—
3. Health Guide Scheme		—	—	211.22	—	—	100.00	38.73	38.73	23.00	—	—	—	—
4. Training of Medical & Para Medical Workers		—	—	1.18	The Scheme has been discontinued w.e.f. 1-4-90.									
5. Providing of Laboratory facilities at PHCs		—	—	—	No outlay has been proposed under this Scheme for 8th Five Year Plan.									
6. National School Health Services		—	—	2.54	—	—	5.00	1.20	1.20	1.00	—	—	—	—
7. National Goitre Central Programme		—	—	1.20	—	—	5.00	1.00	1.00	1.00	—	—	—	—
8. National Programme for control of Blindness		—	—	42.08	—	—	61.50	10.94	10.94	11.00	—	—	—	—
9. National Leprosy Control Programme		—	—	40.99	—	—	26.50	5.49	5.49	5.00	—	—	—	—
10. Strengthening of Blood Bank system		—	—	—	—	—	1.00	0.01	0.01	1.00	—	—	—	—
Total—(C.S.S. 100%)		—	—	3268.78	—	—	2848.50	738.19	738.19	657.00	} Central Share Transferred to State Plan.			
Grand Total—(Allopathy)		—	—	3194.95	—	—	8395.00	905.00*	905.00*	1738.00				



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>2. AYURVEDA:</b>																	
<b>(B.2) CRITICAL ON GOING SCHEMES AS ON 1-4-90</b>																	
(A) 1.	Contn. Expenditure on staff of Directorate and its further strengthening ..	Shimla	1985	—	—	25.18	1	1	55.00	8.82	8.82	10.00	—	—	—	—	—
2.	Contd. Expenditure on District Esstt. and their further strengthening ..	Distt. Hqr.	-do-	—	—	19.39	12	12	47.00	7.50	7.50	8.80	—	—	—	—	—
3.	Contd. Expenditure on Ayurvedic Hospitals ..	Treatment of patient in non-tribal area	-do-	—	—	60.74	20 lacs patients treated	20 lacs	152.00	23.11	23.11	27.50	180 Beds	150 Beds	160 Beds	—	—
4.	Ay. Disp. (non-tribal) contd. expenditure on 40 (1988-90)+10 (contd. from past Ayurvedic Dispensaries ..	-do-	-do-	—	—	28.63	35 lacs	35 lacs	365.50	12.62	12.62	72.50	22.5 lakh	4.5 lakh	4.5 lakh	—	—
5.	Ay. Dispensaries (Backward area) contd. exp. on 22 (1989-90)+12 (contd. from past) Ayurvedic Dispensaries ..	Treatment of patient in Backward area	-do-	—	—	25.34	10 lacs	10 lacs	208.50	12.69	12.69	42.00	19.80	3.80	3.90	continue	—
6.	Ay. Disp. (special component plan) contd. exp. on 22 (1988-90)+4 (contd. from past years) Ay. Dispensaries 2 Homeopathic Disp. including grant-in-aid to Homeopathic council ..	-do-	-do-	—	—	27.26	3 ,,	3 ,,	213.50	12.35	12.35	43.00	11.70	2.23	2.34	-do-	—
7.	Ay. Dispensaries in tribal area (T. A. S. P.) contd. exp. on 11 Ay. Dispensaries and one Tribal Hospital at Ricong Peo in Distt. Kinnaur ..	-do-	-do-	—	—	23.37	1 ,,	1 ,,	116.00	12.80	12.80	22.00	2.22	0.44	0.44	15 Beds	—
8.	Contd. Exp. on Pharmacies (Nagar & Majra) ..	Preparation of medicine.	Old	—	—	13.39	—	—	25.50	4.16	4.16	5.60	—	—	—	—	—

11.	Hospital Paprola	-do-	-do-	—	—	19.11	—	—	41.25	6.47	6.47	7.50	—	—	—	—
	Provision for minor works/repairs	—	—	—	—	0.20	—	—	—	0.40	0.40	—	—	—	—	—
12.	Exp. on Panch Karma Units	Treatment of Patients.	1986	—	—	2.27	—	—	15.00	3.14	3.14	3.50	—	—	—	—
13.	Exp. on Nature Care Unit at Old Una	-do-	1987	—	—	6.65	—	—	11.50	2.12	2.12	2.50	—	—	—	—
14.	Exp. on ISM Research Herbal Garden at Joginder Nagar	Research work.	Old	—	—	10.98	—	—	24.50	1.47	1.47	4.50	—	—	—	—
Total—(a)				—	—	282.63	—	—	1317.50	114.42	114.42	256.90	—	—	—	—

### B. Capital Outlay :

1.	Construction of RAH Shimla	Construction work.	88-89	—	—	—	—	—	45.00	3.00	3.00	7.00	—	—	—	—
2.	Construction of Ay. college complex at Paprola	-do-	80.81	—	—	76.36	—	—	30.00	19.50	19.50	7.00	—	—	—	—
3.	Construction of Herbal museum at Joginder Nagar	-do-	—	—	—	3.15	—	—	10.00	0.40	0.40	5.00	—	—	—	—
4.	Construction of Ay. Hospital building at Nahan	-do-	90.91	—	—	—	—	—	20.00	—	—	6.03	—	—	—	—
5.	Const. of Ayurvedic Dispensaries	-do-	—	—	—	60.14	—	—	9.45	7.68	7.68	1.57	—	—	—	—
Total:—(b)				—	—	139.65	—	—	114.45	30.58	30.58	26.60	—	—	—	—
Total:— (Aurveda)				—	—	422.28	—	—	1431.95	145.00	145.00	283.50	—	—	—	—
3. Medical Education				—	—	—	—	—	729.63	—	—	1500.00	215.00	215.00	270.00	—
Total —XI				—	—	4346.86	—	—	11327.95	1265.00	1265.00	2291.50	—	—	—	—

### XII. Water Supply and Sanitations:

#### 1. WATER SUPPLY:—

##### (a) URBAN WATER SUPPLY SCHEMES:

B.1 Completed schemes as on 31-3-90 (spill over liability)

—Nil—

-Nil-

B.2 Critical on-going schemes as on 1-4-90 :

1. Direction & Administrations

97.17

370.00

60.00

60.00

66.00

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2. Maintenance & Repair	—	—	—	—	—	28.02	—	—	1500.00	250.00	250.00	250.00	—	—	—	—	—
3. Repayment of HUDCO	—	—	—	—	—	—	—	—	586.00	2.00	2.00	112.00	—	—	—	—	—
4. Minor Works	—	—	—	—	—	0.69	—	—	—	—	—	—	—	—	—	—	—
5. Works (including I.U.D.P. works)	—	—	—	—	7437.18	—	—	—	2544.00	405.00	405.00	172.00	—	—	—	—	—
Total (a)	—	—	—	—	7437.18	—	—	—	5000.00	717.00	717.00	600.00	—	—	—	—	—
<b>(b) RURAL WATER SUPPLY SCHEMES :</b>																	
<b>B.1 Completed schemes as on 31-3-90 (spill over liability)</b>																	
1. Rural Water Supply	—	—	—	—	—	—	—	—	200.00	25.00	25.00	35.00	—	—	—	—	—
<b>B.2 Critical on-going schemes as on 1-4-90</b>																	
1. Direction & Admn.	—	—	—	—	—	2361.26	—	—	3935.00	646.00	646.00	711.00	—	—	—	—	—
2. Training	—	—	—	—	—	4.20	—	—	20.00	2.00	2.00	3.00	—	—	—	—	—
3. Mech & Equipment	—	—	—	—	—	66.82	—	—	60.00	10.00	10.00	15.00	—	—	—	—	—
4. Maintance & Repair	—	—	—	—	—	560.90	—	—	2250.00	450.00	450.00	450.00	—	—	—	—	—
5. Minor work	—	—	—	—	—	297.99	—	—	510.00	46.00	46.00	100.00	—	—	—	—	—
6. Suspense	—	—	—	—	—	123.79	—	—	50.00	1.00	1.00	10.00	—	—	—	—	—
7. Testing Laboratory	—	—	—	—	—	3.23	—	—	25.00	2.00	2.00	5.00	—	—	—	—	—
8. Remodelling & reconst. of R. D. D. Schemes	—	—	—	—	—	9.18	—	—	250.00	15.00	15.00	50.00	—	—	—	—	—
9. Rejuvenation & Remodelling of defunct W.S.S.	—	—	—	—	—	27.86	—	—	—	—	—	—	—	—	—	—	—
10. Taps	—	—	—	—	—	—	—	—	6000.00	200.00	200.00	1100.00	—	—	—	—	—
11. Replacement of pumping Machinery	—	—	—	—	—	—	—	—	100.00	—	—	20.00	—	—	—	—	—
12. Works	—	—	—	—	18975.00	—	4630.31	2621	2621	10120.00	153.84	153.84	1551.00	—	—	—	—
Total (B. 2)	—	—	—	—	18975.00	—	8085.54	2621	2621	23320.00	1525.84	1525.84	4015.00	—	—	—	—
<b>B-3 Sanctioned Schemes/ Committed in 1990-91:</b>																	
1. Rural Water Supply	—	—	—	—	—	420.00	—	—	—	480.00	406.66	400.00	—	—	—	—	—
Total—(B.3)	—	—	—	—	—	420.00	—	—	—	480.00	400.00	400.00	—	—	—	—	—
Total—(b)	—	—	—	—	16395.00	—	8085.54	—	—	24000.00	1957.50	1957.50	4050.00	—	—	—	—
	—	—	—	—	23832.18	—	8787.04	—	—	29000.00	2674.50	2674.50	4650.00	—	—	—	—

(a) Sewerage

(i) Direction and Admn.	—	—	—	—	—	40.00	5.00	5.00	6.00	—	—	—	—
(ii) Maintenance and Repair	—	—	—	—	—	10.00	1.00	1.00	2.00	—	—	—	—
(iii) Works	3562.78	—	114.47	—	—	2200.00	84.00	84.00	92.00	—	—	—	—
<b>Total—(a)</b>	<b>3562.78</b>	<b>—</b>	<b>114.47</b>	<b>—</b>	<b>—</b>	<b>2250.00</b>	<b>90.00</b>	<b>90.00</b>	<b>100.00</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

(b) Rural Sanitation	Through out State.	1983-84	50.00	173.54	177.36	14345 Latrines.	12988 Latrines.	625.00	20.00	20.00	125.00	32083 Latrines.	1666 Latrines.	10416 Latrines.	—
(c) Low cost Sanitation (State Share)	—	1983-84	—	—	92.47	—	—	*190.00	15.00	15.00	*38.00	—	—	—	*including Share against C.S.S.
<b>Total—(2)</b>			<b>3612.78</b>	<b>173.54</b>	<b>384.30</b>	<b>—</b>	<b>—</b>	<b>3065.00</b>	<b>125.00</b>	<b>125.00</b>	<b>263.00</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

3. HOUSING (INCLUDING POLICE HOUSING) :

I. 9TH FIN. COMMISSION :

(a) Police Department

(b) Other than Police

II. OTHER THAN FIN. COMMISSION :

(a) Police Deptt.

(b) Other than Police

III. Schemes sanctioned in 1990-91 and new schemes.

Total—(I+II)

C/o numerous housing units spread through out the state	1985-86	4000.00	—	1805.02	478	478	—	—	—	—	2 Nos.	2 Nos.	—	—
(a) Police Deptt.							93.00	6.90	6.90	25.00	25 Nos.	7 Nos.	7 Nos.	—
(b) Other than Police							1230.00	207.30	207.30	210.00	300 Nos.	44Nos.	62 Nos.	—
III. Schemes sanctioned in 1990-91 and new schemes.							120.00	18.70	18.70	25.00				
<b>Total—(I+II)</b>		<b>4000.00</b>	<b>—</b>	<b>1805.02</b>	<b>—</b>	<b>—</b>	<b>1500.00</b>	<b>275.00</b>	<b>275.00</b>	<b>260.00</b>	<b>375 Nos.</b>	<b>101 Nos.</b>	<b>69 Nos.</b>	<b>—</b>

(c) Loans to Government employees

(c) Loans to Government employees	—	—	—	670.00	—	—	1500.00	190.00	190.00	300.00	—	—	—	—
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(d) HOUSING:

1. Site service scheme for E.W.S. housing.

(i) Subsidy for the Dev. of plots in urban Areas

2. Subsidy for the Development of house sites in rural Areas.

3. Subsidy for the replacement

(i) Subsidy for the Dev. of plots in urban Areas	—	—	—	—	—	—	2.00	—	—	0.30	—	—	—	—
2. Subsidy for the Development of house sites in rural Areas.	—	—	—	1.90	—	—	14.00	4.00	4.00	20.0	—	—	—	—

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
of wooden roofs into tin sheets							7.45			6.00	1.50	1.50	1.00					
4. Interest subsidy on banking loan for purchase of tin sheets							1.70			2.00	0.50	0.50	0.50					
5. Irrecoverable Loans written off							0.30			1.00	0.60	0.60	0.20					
6. Repayment of HUDCO Loans under Rental Housing Schemes							185.02			35.00	13.00	13.00	8.00					
7. Repayment of HUDCO Loans and Flood Relief scheme										170.00	20.00	20.00	35.00					
8. Rental housing scheme (Police Housing)										35.00	9.00	9.00	6.00					
9. Construction of housing in Tribal Area for Government Employees										5.00			1.00					
10. Share of investment Excess Exp. Incurred by Housing Board on existing Rental housing colonies										40.00	11.0	11.00	14.00					
11. Grants to loan under E.W.S. in Urban Areas							22.98			20.00	2.00	2.00	3.00					
12. Loans under VHP Scheme							1.60											
13. Loan to Housing Board							131.00			410.00	60.00	60.00	90.00					
14. Loan under LIGH Schemes							121.54			124.00	36.40	36.40	35.00					
15. Loan under MIGH Schemes							87.57			100.00	22.00	22.00	18.00					
Total (d)							561.06			964.00	180.00	180.00	214.00					
E. RURAL HOUSING		83-84		30.00	78.38	77.48	1304	1209	125.00	10.00	10.00	20.00	2083	166	333			
							houses						(houses)					
Total—(3) Housing				30.00	78.38	638.54			4089.00	1150.00	1150.00	794.00						

## URBAN DEVELOPMENT:

B (2) Critical on-goings scheme as on 1-4-1990.

(a) Town and Country Planning (Establishment and Minor Works)	All over 1985-86	275.00	275.00	242.80		Full	500.00	55.00	55.00	70.00								
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(b) Environmental improvement

	ment authorities and special area development authorities	-do-	1985-86	150.00	150.00	231.00	—	—	250.00	48.00	48.00	50.00	—	—	—	—	—			
(d)	I. U. D. P. with World Bank assistance	-do-	1987-88	—	—	804.00	—	—	—	307.00	307.00	—	—	—	—	—	—			
Total—(a)				500.00	525.00	1379.80	—	—	930.00	462.00	462.00	168.00	60.000	13.335	16.000	—	—			
													Persons.	persons.	Persons.					

(e)	Grant in-aid to Urban Local Bodies:	-do-															
B-2. Critical on-going schemes as on 1-4-1990:																	
(a)	URBAN DEVELOPMENT:	All over															
(i)	Water Supply	H. P.	—	—	—	} 262.20	—	—	93.00	10.00	10.00	22.00	—	—	—	—	—
(ii)	Roads and Bridges	-do-	—	—	—		—	—	60.00	10.00	10.00	15.00	—	—	—	—	—
(iii)	Urban Development	-do-	—	—	—		—	—	210.00	10.00	10.00	29.00	—	—	—	—	—
(b)	Strengthening of Directorate of Urban Local Bodies	Shimla	1986	—	—	29.20	—	—	70.00	11.00	11.00	12.00	—	—	—	—	—
(c)	Urban basic services																
	(old)	Una	1987	10.62	—	10.25	—	—	21.00	9.00	9.00	5.00	—	—	—	—	—
	(new)	Mandi & Chamba	—	—	—	—	—	—	21.00	—	—	5.00	—	—	—	—	—
(d)	Nehru Rozgar Yojna	Thru-out H.P.	1990-91	—	—	26.94	—	—	125.00	30.00	30.00	25.00	—	—	—	—	—
Total—(a to d)				10.62	—	328.59	—	—	600.00	80.00	80.00	113.00	—	—	—	—	—
Total—XII																	

### XIII INFORMATION AND PUBLICITY

1.	Direction and Administration Special Staff for Plan Pub.	—	—	—	—	30.61	—	—	90.00	15.62	15.62	20.00	—	—	—	—	—
2.	Production of Video Films (Prod. of films)	—	—	—	—	1.50	—	—	10.00	1.00	1.00	2.00	—	—	—	—	—
3.	OTHERS																
(i)	Advertising & Visual Publicity Press Adv	—	—	—	—	132.50	—	—	45.00	6.34	6.34	10.00	—	—	—	—	—
4.	Information Centres.	—	—	—	—	1.13	—	—	—	1.34	1.34	—	—	—	—	—	—
5.	Field Publicity :																
(i)	Exhibition Schemes	—	—	—	—	12.11	—	—	15.00	1.38	1.38	2.50	—	—	—	—	—
(ii)	Video display units (Mobile cinema scheme)	—	—	—	—	7.74	—	—	20.00	3.28	3.28	4.00	—	—	—	—	—
6.	Publicity Scheme	—	—	—	—	4.87	—	—	10.00	1.53	1.53	2.50	—	—	—	—	—
7.	Songs & Drama Schemes	—	—	—	—	7.89	—	—	—	—	—	—	—	—	—	—	—
8.	Photo Services	—	—	—	—	0.60	—	—	10.00	—	—	2.00	—	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
9. Publication scheme purchase of modern publicity equipment)	—	—	—	—	—	7.38	—	—	20.00	2.67	2.67	5.00	—	—	—	—	—
10. Television schemes	—	—	—	—	—	67.92	—	—	170.00	13.84	13.84	20.00	—	—	—	—	—
11. Tribal-Areas Sub-Plan	—	—	—	—	—	41.37	—	—	60.00	25.00	25.00	17.00	—	—	—	—	—
12. Capital Account	—	—	—	—	—	20.48	—	—	50.00	28.00	28.00	14.00	—	—	—	—	—
<b>Total—Information Publicity</b>						<b>336.10</b>	—	—	<b>500.00</b>	<b>100.00</b>	<b>100.00</b>	<b>99.00</b>	—	—	—	—	—

**XIV. WELFARE OF SCHEDULED CASTS/SCHEDULED TRIBES AND BACKWARD CLASSES :**

**Critical Ongoing Schemes as on 1-4-90**

**I. WELFARE OF SCHEMES:**

1. Economic betterment of S.C. trainees	—	—	—	—	—	11.91	—	—	30.00	4.00	4.00	4.00	6000	800	800	—	—
2. Award for intercaste marriages	—	—	—	—	—	11.52	—	—	19.00	2.25	2.25	3.00	458	51	64	—	—
3. Environment of Harijan Bastis	—	—	—	—	—	10.21	—	—	60.00	3.75	3.75	8.00	500	40	68	—	—
4. Matching grant for C.S.S...																	
(a) Book Banks	—	—	—	—	—	—	—	—	1.25	0.40	0.40	0.23	Aid for Book Bank				
(b) Social justice Programmes																	
(i) P. C. R. Act	—	—	—	—	—	0.50	—	—	2.50	0.75	0.75	0.50	Aid for PCR Acts				
(ii) Compensation to SC victims of Atrocities	—	—	—	—	—	0.14	—	—	5.00	0.70	0.70	1.00	—	—	—	—	—
(c) Girls Hostels	—	—	—	—	—	6.71	—	—	20.00	5.00	5.00	2.75	—	—	—	—	—
(d) Scholarship to the children of those who are engaged in unclean occupation	—	—	—	—	—	1.00	—	—	1.00	0.35	0.35	0.15	1000	37	166	—	—
(e) Pre-examination coaching centres	—	—	—	—	—	11.66	—	—	15.00	5.34	5.34	2.50	1	1	1	1	—
5. Electrification of SC, ST Houses	—	—	—	—	—	84.00	—	—	25.00	3.75	3.75	4.00	25000	—	4000	—	—
6. Educational Facilities :																	
(i) Technical Scholarships	—	—	—	—	—	13.78	—	—	30.00	4.00	4.00	4.40	2500	334	370	—	—
(ii) Proficiency in typing & short hand	—	—	—	—	—	0.76	—	—	8.00	0.70	0.70	1.00	334	26	45	—	—
7. Health	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

(i) Housing subsidy	85.40	200.00	16.50	16.50	40.00	4925	408	978		
(ii) C/o houses for vulnerable groups	6.52	53.00	2.10	2.10	5.50	1293	53	123		
9. Others:										
(i) Social Awareness campaign		25.00	1.50	1.50	5.00					
(ii) Award for Panchayat		21.50	3.16	3.16	3.50					
(iii) Cosmopolitan Hostels			0.25	0.25						
(iv) Girls Hostels			0.25	0.25						
<b>Sub Total—(Welfare of S.Cs.)</b>	<b>248.58</b>	<b>576.25</b>	<b>62.25</b>	<b>62.25</b>	<b>93.53</b>					

## II. WELFARE OF SCHEDULED TRIBES :

1. Technical scholarship	3.98	15.00	3.10	3.10	3.40	1250	270	290		
2. Economic betterment of Sch. Tribes	12.50	9.00	1.35	1.35	1.50	1800	260	300		
3. Housing subsidy	61.37	120.00	11.50	11.50	20.00	2884	243	452		
4. Girls Hostels (C.S.S.)	1.07	22.50	5.00	5.00	4.00					
5. Ashram schools	7.21	20.00	10.30	10.30	11.00					
6. Tribal Advisory Council		5.00	1.00	1.00	1.20	1	1	1		
<b>Sub-Total (Welfare of S.T.)</b>	<b>86.13</b>	<b>191.50</b>	<b>32.25</b>	<b>32.25</b>	<b>41.10</b>					

## III. WELFARE OF OTHER BACKWARD CLASSES:

1. Technical Scholarship	4.60	30.00	4.00	4.00	4.40	2500	336	371		
2. Misc. Schemes	24.84									
3. Direction and Administration										
1. Strengthening of staff	29.49	90.00	16.50	16.50	18.00	for strengthening of staff				
2. Construction of office buildings		50.00	10.00	10.00	11.00	1	1	1		

<b>Sub-Total—III (Welfare of O.B.Cs.)</b>	<b>58.93</b>	<b>170.00</b>	<b>30.50</b>	<b>30.50</b>	<b>33.40</b>					
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<b>Total—(Welfare of S/C, S/T and OBCs.)</b>	<b>393.64</b>	<b>937.75</b>	<b>125.00</b>	<b>125.00</b>	<b>168.03</b>					
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<b>Total—(Welfare of SC, ST and OBCs.) (I to IV)</b>	<b>561.37</b>	<b>9137.75</b>	<b>125.00</b>	<b>125.00</b>	<b>168.03</b>					
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Also includes central share



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>CENTRALLY SPONSORED SCHEMES</b>																		
<b>WELFARE OF SC ST AND OBCs</b>																		
<b>I. WELFARE OF SC</b>																		
1. Book Bank								0.50			1.25	0.40	0.40	0.22				
2. PCR Act								0.50			2.50	0.75	0.75	0.50				
3. Girls Hostel								6.71			20.00	5.00	5.00	2.75				
4. Scholarship to the children of those who are engaged in unclean occupation								0.25			1.00	0.35	0.35	0.15				
5. Pre-examination coaching centres								11.66			15.00	5.34	5.34	3.35				
<b>Total (Welfare of SC)</b>								<b>19.62</b>			<b>39.75</b>	<b>11.84</b>	<b>11.84</b>	<b>6.97</b>				
<b>II. WELFARE ST</b>																		
1. Girls Hostel								1.10			22.50	5.00	5.00	4.00				
<b>Total—(SC/ST/OBCs)</b>								<b>20.72</b>			<b>62.25</b>	<b>16.84</b>	<b>16.84</b>	<b>10.97</b>				
<b>IV. SCHEDULED CASTES DEVELOPMENT CORPORATION</b>																		
								167.73			200.00	35.00	35.00	40.00	1	1	1	
<b>G. Total (XIV)</b>								<b>582.00</b>			<b>1200.00</b>	<b>160.00*</b>	<b>160.00*</b>	<b>219.00</b>				
<b>XV. LABOUR &amp; LABOUR WELFARE:</b>																		
<b>Critical Ongoing Scheme as on 1-4-1990</b>																		
<b>A. LABOUR:</b>																		
1. Direction & Administration	Shimla							1.78			2.00	0.40	0.40	1.55				
<b>2. INDUSTRIAL RELATIONS:</b>																		
<b>(i) Enforcement of Labour Laws</b>																		
3. Settlement of Disputes	Shimla							9.48			23.00	3.50	3.50	4.00				
4. Acquisition of Land and Const. of building	Solan/Shimla							15.80			20.00	5.76	5.76	6.00				
5. Strengthening of Factory Inspectorate	-do-							1.35			5.20	0.80	0.80	0.90				
6. S/C Component Plan	Shimla							0.76										

\*State Share only

1. Direction & Administration															
2. Extension Coverage of Employment Exchanges.. H.P.	—	—	—	35.14	—	—	100.40	15.82	15.82	18.50	—	—	—	—	—
3. Computerisations of Emp. Exchange (State Share) ..	—	—	—	2.85	—	—	—	—	—	—	—	—	—	—	—
4. Special Emp. Exchange for Exm. .. Shimla	—	—	—	3.00	—	—	—	—	—	—	—	—	—	—	—
5. Collection of E.M.I. .. H.P.	—	—	—	—	—	—	0.40	0.10	0.10	0.10	—	—	—	—	—
6. V.G. Employment Counselling .. H.P.	—	—	—	2.46	—	—	5.00	0.91	0.91	1.05	—	—	—	—	—
7. U. E. I. G. B. .. H.P.	—	—	—	1.15	—	—	5.00	0.80	0.80	0.90	—	—	—	—	—
8. Scheduled Caste Component Plan Shimla ..	—	—	—	0.06	—	—	1.00	0.18	0.18	0.20	—	—	—	—	—
9. Tribal Sub-Plan .. H.P.	—	—	—	4.48	—	—	20.00	4.00	4.00	4.10	—	—	—	—	—
Total (B) ..	—	—	—	49.14	—	—	131.80	21.81	21.81	24.85	—	—	—	—	—
Total—XV ..	—	—	—	105.45	—	—	264.00	45.00	45.00	52.00	—	—	—	—	—

**CENTRALLY SPONSORED SCHEMES:**

**LABOUR AND LABOUR WELFARE :**

1. Continuations of the Special Emp. Exchange for the handicapped ..	—	—	—	2.19	—	—	6.00	0.98	0.98	1.00	—	—	—	—	—
2. Computerisations of Emp. Mandi/Dharamshala ..	—	—	—	2.00	—	—	9.00	—	—	2.00	—	—	—	—	—
Total—(C. S. S.) ..	—	—	—	4.19	—	—	15.00	0.98	0.98	3.00	—	—	—	—	—

**Total Labour and Employment. XVI SOCIAL WELFARE & NUTRITION:**

Critical ongoing schemes as on 1-4-90															
1. Stipend to Handicapped ..	—	—	—	3.35	—	—	5.00	2.10	2.10	1.25	14247	150	3558	—	—
2. Aid for purchase of artificial Limbs ..	—	—	—	2.79	—	—	5.00	0.55	0.55	1.00	1000	40	200	—	—
3. Marriage grant to handicapped ..	—	—	—	0.75	—	—	10.00	0.50	0.50	1.00	400	20	40	—	—
4. Matching grant for C. S. S. (a) Home for Deaf and Dumb ..	—	—	—	1.73	—	—	1.00	0.30	0.30	0.20	—	—	—	—	—
(b) Colony for patients of leprosy ..	—	—	—	0.65	—	—	10.00	1.00	1.00	1.00	—	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(c) Home for physically handicapped						1.06			1.50	0.30	0.30	0.25					
(d) Petrol Subsidy									0.50	0.05	0.05	0.05	2.00	5	20		
5. Home for Mentally retarded children									50.00	1.00	1.00	2.00					
6. Staff and equipment for handicapped Home Sundernagar									29.00	1.06	1.06	5.50					
7. Completion of Building for handicapped home									7.00			7.00					
8. Rehabilitation allowance to patients of leprosy						10.37			150.00	14.00	14.00	15.50	11904	1853	1237		
9. Vocational Rehabilitation Centres						7.37			11.00	2.25	2.25	2.50	1	1	1		
10. Foster care services						1.48			3.00	2.65	2.65	3.00	20	10	20		
11. Rehabilitation of inmates of Bal/Balika Ashrams/vocational rehabilitation centres						0.56			20.00	2.88	2.88	3.00	20	6	11		
12. Hostel at Mehla						5.97			15.00	2.65	2.65	2.90					
13. Repair of Bal/Balika Ashrams/State Home, etc.						25.97			25.00	6.50	6.50	5.00					
14. Home for Children in need of care & protection						5.05			5.00	0.25	0.25	0.75	2	2			
15. Running & maintenance of Bal/Balika Ashrams									60.00	8.50	8.50	12.00					
16. Balwadies						100.89			200.00	25.00	25.00	50.00	191	191	191	191	
17. Staff under Juvenile Justice Act									10.00	0.09	0.09	1.00					
18. Building under Juvenile Justice Act									60.00	1.94	1.94	10.00					
19. Counselling centres for children & women									20.00			3.00					
20. Women's Welfare Corporation						1.00			25.00	13.00	13.00	5.00					
21. Working women hostels						17.55			25.00	2.00	2.00	2.50					
22. State Homes						8.36			15.00	2.70	2.70	5.00	1	1	1		
23. Vocational training to women in distress						2.36			8.00	0.70	0.70	1.00	10	2	2		
24. Awareness Campaign										0.50	0.50						
25. Marriage grant to destitute Girls/Women						7.57			30.00	1.25	1.25	3.35	1200	50	116		
26. Financial assistance to destitute Girls/Women									35.00	1.00	1.00	5.00	2774	132	382		
27. Aged Home						8.25			18.00	3.75	3.75	4.00	1	1	1		
										0.38	0.38						

31. Old age/Widow Pension	—	—	—	—	—	—	3750.00	750.00	750.00	750.00	87413	87413	87413	—	—
32. Misc. Schemes	—	—	—	—	33.53	—	—	—	—	—	—	—	—	—	—
33. Legal aid to poors	—	—	—	—	—	—	2.00	—	—	0.25	—	—	—	—	—
<b>Total (Social Welfare)</b>	—	—	—	—	<b>268.27</b>	—	<b>4627.00</b>	<b>850.00</b>	<b>850.00</b>	<b>906.50</b>	—	—	—	—	—

**CENTRALLY SPONSORED SCHEMES**

<b>SOCIAL WELFARE</b>															
1. Scholarship of handi-capped	—	—	—	—	5.70	—	—	5.00	2.10	2.10	1.25	—	—	—	—
2. Home for children in need of Care and Protections	—	—	—	—	7.70	—	—	5.00	0.25	0.25	0.75	—	—	—	—
3. Home for Deaf and Dumb.	—	—	—	—	3.50	—	—	1.00	0.30	0.30	0.20	—	—	—	—
4. Colony for patients of Leprosy	—	—	—	—	—	—	—	10.00	1.00	1.00	1.00	—	—	—	—
5. Home for Physically Hadicapped	—	—	—	—	2.12	—	—	1.50	0.30	0.30	0.25	—	—	—	—
6. Petrol Subsidy	—	—	—	—	—	—	—	0.50	0.05	0.05	0.05	—	—	—	—
<b>Total—(Social Welfare C.S.S.)</b>	—	—	—	—	<b>19.02</b>	—	—	<b>23.00</b>	<b>4.00</b>	<b>4.00</b>	<b>3.50</b>	—	—	—	—

<b>Total—Social Welfare including C.S.S.</b>	—	—	—	—	—	—	—	<b>4650.00</b>	<b>850.00</b>	<b>850.00</b>	<b>910.00</b>	—	—	—	—
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<b>(B) NUTRITION:</b>															
<b>1. SPECIAL NUTRITION PROGRAMMES (I.C.D.S.)</b>															
—	—	—	—	—	603.53	—	—	2900.00	225.00	225.00	485.00	—	—	—	—
<b>Total (Nutrition)</b>	—	—	—	—	<b>603.53</b>	—	—	<b>2900.00</b>	<b>225.00</b>	<b>225.00</b>	<b>485.00</b>	—	—	—	—

<b>Total (A+B)</b>	—	—	—	—	<b>871.80</b>	—	—	<b>7527.00</b>	<b>1075.00</b>	<b>1075.00</b>	<b>1391.50</b>	—	—	—	—
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<b>G. Total—Social Welfare and Nutrition</b>	—	—	—	—	<b>890.82</b>	—	—	<b>7550.00</b>	<b>1075.00</b>	<b>1075.00</b>	<b>1395.00</b>	—	—	—	—
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<b>Total (B) Social Services</b>	—	—	—	—	—	—	—	<b>86096.40</b>	<b>10914.50</b>	<b>10914.50</b>	<b>15186.84</b>	—	—	—	—
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**C. GENERAL SERVICES:**  
Critical ongoing schemes as on 1-4-90

1. JAILS	c/o MCJ at Shimla	1985-86	238.00	350.00	60.00	160 Pri-soners	Whole 285.00	—	—	42.00	500 Pri-sones	—	100 Pri-sones	—	—
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>2. STATIONERY &amp; PRINTING</b>																	
1. Direction & Administration	..	—	—						214.00								45.00
2. Purchase of Machine	..	—	—			270.06	—	—	30.00								
3. Material & Supplies	..	—	—						66.00	60.00	60.00						35.00
<b>Total—(2)</b>	..	—	—			<b>270.06</b>			<b>310.00</b>	<b>60.00</b>	<b>60.00</b>						<b>80.00</b>
<b>3. Public Works (Building)</b>																	
I. 9th F. C.																	
(a) Police Deptt.																	
(b) Other than Police																	
II. Other than Fin. Comm.																	
III. Schemes Sanctioned in 1990-91																	
<b>Sub-Total (3)</b>	..	—	—			<b>6000.00</b>	<b>2139.37</b>		<b>2450.00</b>	<b>500.00</b>	<b>500.00</b>						<b>475.00</b>
<b>4. HIPA [Himachal Pradesh Insititute of Public Administration (Training)]</b>																	
5. Nucleus budget for Tribal Area																	
6. Tribal Development Machinery :																	
(1) Exp. on Sectt. Staff	..	—	—														
(2) Model Village Scheme in Distt. (I. T. D. Ps.)	..	—	—														
<b>Sub-Total (6)</b>	..	—	—														
<b>7. Equity to Ex-Servicemen Corporation including PEXSEM</b>																	
<b>Total (General Services)</b>	..	—	6238.00	350.00	2885.79	—	—	3848.00	676.00	676.00	744.00						

c/o numerous buildings spread through out the State

**III- C. EIGHTH PLAN (1990-95) PROPOSALS FOR PROJECTS/PROGRAMMES - NEW SCHEMES**

(Outlay/Expenditure in Rs. Lakhs and Physical Targets/Benefits in Relevant Units of Measurement) :

Sr. No.	Particulars Major Head/Minor Head	Nature and Allocation of schemes	Commencement year	Estimated cost	Eighth Plan (1990-95) Proposed outlay	Annual Plan 90-91		Annual Plan 1991-92 Proposed Outlay	Anticipated Benefits			Beyond Eighth Plan	Remarks Specifically Environmental Measures/cost
						Approved outlay	Anticipated Expenditure		Eighth Plan	1990-91	91-92		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>HORTICULTURE :</b>													
<b>NEW SCHEMES :</b>													
<b>I. PLANT PROTECTION :</b>													
	(i)	Centrally Sponsored Scheme for the Control of Pests and Diseases of Economic importance in Mango and citrus crops (50% State Share)	1991-92	65.00	65.00	—	—	10.00	—	—	—	—	—
<b>II. HORTICULTURE DEVELOPMENT :</b>													
<b>(i) Development of fruit Production :</b>													
	(a)	Selection of State mother trees	1991-92	5.00	5.00	—	—	0.50	—	—	—	—	—
	(b)	Grant-in-aid to Seed and Plant material certification agency	-do-	35.00	35.00	—	—	5.00	—	—	—	—	—
<b>(ii) Development of Hops. :</b>													
		Joint Collaborative Programme with C.S.I.R. Jammu for the introduction of New Varieties of Hops in tribal areas	1991-92	2.50	2.50	—	—	0.50	—	—	—	—	—
<b>(iii) Development of floriculture and land seeping :</b>													
		Joint Collaborative Programme with C.S.I.R. Palampur for setting up of mobile Pilot Plant for the introduction of essential oil from aromatic plants	1991-92	10.00	10.00	—	—	5.00	—	—	—	—	—
<b>(iv) Dryland/Rain Fed Horticulture :</b>													
		National watershed Development Programme for Rainfed Agri./Horticulture	1991-92	10.00	10.00	—	—	2.00	—	—	—	—	—
<b>(v) Fruit Processing and Utilisation :</b>													
		Pilot Project for the manufacture of cider/wine and other Fruit based beverages	1991-92	35.00	35.00	—	—	1.00	—	—	—	—	—
<b>Total— (I to V)</b>					162.50	162.50	—	—	24.00	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>ANIMAL HUSBANDRY :</b>													
<b>NEW SCHEMES :</b>													
<b>I. GENERAL AREAS :</b>													
<b>(1) Direction and Administration :</b>													
(i) Strengthening of Directorate and field offices	—	—	—	25.00	—	—	—	—	—	—	—	—	—
<b>(2) Vety. Service and Animal Health :</b>													
(i) Estt. of 4 Poly clinics (each year and regularisation of 83 out lying Vety. Dispensaries i.e. 17 in each year)	—	—	—	100.00	—	—	—	—	—	—	—	—	—
<b>(3) Poultry Development :</b>													
(i) Strengthening of State Hatchery at Sunder Nagar	—	—	—	2.00	—	—	—	—	—	—	—	—	—
<b>Total—I</b>				<b>127.00</b>	—	—	—	—	—	—	—	—	—
<b>(II) WELFARE OF SCHEDULED CASTE SPECIAL COMPONENT PLAN :</b>													
(i) Opening of 20 Vety. Dispensaries and upgradation Of 15 Vety. Dispensaries in to Vety. Hospitals	—	—	—	60.00	—	—	5.00	—	—	—	—	—	—
(ii) Popularisation of Poultry Production	—	—	—	5.00	—	—	0.50	—	—	—	—	—	—
(iii) Popularisation of Fodder Production	—	—	—	5.00	—	—	0.20	—	—	—	—	—	—
(iv) Estt. of Scheduled Caste Welfare in the State/ Distt. Development of Bakward Areas	—	—	—	10.00	—	—	0.50	—	—	—	—	—	—
<b>Total—II</b>				<b>80.00</b>	—	—	<b>6.20</b>	—	—	—	—	—	—
<b>III. Development of Backward Areas</b>													
(i) Opening of 10 new Vety. Dispensaries and upgradation of 5 Vety. Dispensaries into Vety. Hospitals	—	—	—	10.00	—	—	2.00	—	—	—	—	—	—
(ii) Popularisation of Poultry Products	—	—	—	5.00	—	—	1.00	—	—	—	—	—	—
(iii) Popularisation of Fodder Products and Conservation	—	—	—	3.00	—	—	—	—	—	—	—	—	—
<b>Total—III</b>				<b>18.00</b>	—	—	<b>3.00</b>	—	—	—	—	—	—

(ii) Opening of 10 Vety. Dispensaries and upgradation of 5 Vety. Dispensaries in to Vety. Hospitals

				25.00								
	Total—IV			30.00								
	Grand total (Animal Husbandry)			255.00			9.20					

**FISHERIES**

**NEW SCHEMES**

Other expenditure creation of funds

	Welfare Scheme throughout the State	1991-92	20.50	20.50			0.10	To benefit 2000 Fishermen during close season			To benefit 2000 fishermen	
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Total—Fisheries

			20.50	20.50			0.10					
--	--	--	-------	-------	--	--	------	--	--	--	--	--

**WILD LIFE :**

**NEW SCHEMES**

- (1) Wild life Preservation
- (2) Public Gardens

		1991-92		440.00			100.00					
	Total—(Wild life)			440.00			100.00					

(vi) Hort. Marketing and quality control :

Setting up of two c. f. b. Carton testing Laboratories with the assistance of N.H.B. (50% State Share)

		1991-92	2.50	2.50			2.50					
	Total—(VI)		2.50	2.50			2.50					

**CO-OPERATION :**

I (a) Exhibition study tour and Seminars

	All over H. P.	1990-91		5.00	2.00	2.00	25.50					
	Total—I			5.00	2.00	2.00	25.50					

**II. Credit Co-operatives :**

(i) Grant-in-Aid for write off loans

	-do-	-do-		230.00	75.00	75.00	105.00					
	Total—II			230.00	75.00	75.00	105.00					



1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>III. Wool Co operatives</b>													
(i)	Share capital to Wool Co-operatives ..	-do-	-do-	—	8.00	0.50	0.50	0.55	—	—	—	—	—
(ii)	Managerial Subsidy to Wool Co-operatives ..	-do-	-do-	—	2.00	0.25	0.25	0.27	—	—	—	—	—
	<b>Total—III</b> ..			—	<b>10.00</b>	<b>0.75</b>	<b>0.75</b>	<b>0.82</b>	—	—	—	—	—
<b>IV. Forest Co operatives :</b>													
(i)	Managerial Subsidy to Forest Co-operatives ..	-do-	-do-	—	5.00	1.50	1.50	1.65	—	—	—	—	—
	<b>Total—IV</b> ..			—	<b>5.00</b>	<b>1.50</b>	<b>1.50</b>	<b>1.65</b>	—	—	—	—	—
<b>V. Floriculture Co-operatives</b>													
(i)	Share capital to floriculture Co-operatives ..	-do-	-do-	—	4.00	0.50	0.50	0.55	—	—	—	—	—
(ii)	Managerial subsidy to floriculture Co-operatives ..	-do-	-do-	—	1.00	0.25	0.25	0.28	—	—	—	—	—
	<b>Total—V</b> ..			—	<b>5.00</b>	<b>0.75</b>	<b>0.75</b>	<b>0.83</b>	—	—	—	—	—
<b>VI. Fruit and Vegetables Project :</b>													
(i)	Share Capital to Fruit and Vegetable 20% State Share	Shimla, Mandi & Kullu	1990-91	—	180.00	5.00	5.00	10.00	—	—	—	—	—
	<b>Total—VI</b> ..			—	<b>180.00</b>	<b>5.00</b>	<b>5.00</b>	<b>10.00</b>	—	—	—	—	—
<b>VII. Vanaspati Project :</b>													
(i)	Share Capital 20% State Share	-do-	1990-91	—	320.00	20.00	20.00	10.00	—	—	—	—	—
	<b>Total—IV</b> ..			—	<b>320.00</b>	<b>20.00</b>	<b>20.00</b>	<b>10.00</b>	—	—	—	—	—
<b>IX. Tea Development Project</b>													
(i)	Share Capital 20% State Share :	Kangra	1990-91	—	140.00	8.00	8.00	15.00	—	—	—	—	—
	<b>Total IX</b> ..			—	<b>140.00</b>	<b>8.00</b>	<b>8.00</b>	<b>15.00</b>	—	—	—	—	—
				—	<b>611.00</b>	<b>113.00</b>	<b>113.00</b>	<b>38.30</b>	—	—	—	—	—

1. Antyodaya	..	Throughout 1990-91	—	425.00	—	—	105.00	—	—	—	—
2. I.R.D.P.		H.P.									
(i) Strengthening of ETC.	..	-do- 1991-92	—	15.00	—	—	10.00	—	—	—	—
Total	..			440.00	—	—	115.00	—	—	—	—
Special Employment Programme	..	-do- 1991-92	—	2000.00	—	—	450.00				

#### LAND REFORMS

##### I. Cadastral Survey and Records of Rights :

(i) Theodolite Machine	..	Shimla/ D.Shala	1991-92	40.00	40.00	—	—	10.00	2 Nos.	—	1 Nos.	—
Total—(I)	..			40.00	40.00	—	—	10.00	2 Nos.	—	1 Nos.	—

#### I. COMMUNITY DEVELOPMENT

##### NEW SCHEMES :

(i) UNICEF and other Misc. Programme	..		1990-91	1990-91	25.00	—	25.00	10.00	10.00	5.00	—	—	—
(ii) Grant-in-aid to Mahila Mandals, Yuvak Mandals, Voluntry organisation	..	All over H.P.	1991-92	1991-92	75.00	—	75.00	—	—	10.00	—	—	—
(iii) Strengthening of Administrative Machinery at the State Hqrs.	..	State Head quarters.	1991-92	1991-92	15.00	—	15.00	—	—	3.50	—	—	—
Total—(I)	..				115.00	—	115.00	10.00	10.00	18.50	—	—	—

#### PANCHAYAT:

##### New Schemes :

(i) Matching Incentives grant equal to the collection of House tax and enhanced tax efforts.	..	All over H.P.	1990-91	1990-91	—	—	15.00	2.00	2.00	2.00	—	—	—
(ii) Organisation of Panchayat Sammelan	..		1991-92	1991-92	—	—	2.00	—	—	0.50	—	—	—
(iii) Training to elected representatives of Panchayati Raj Bodies	..		1991-92	1991-92	—	—	6.30	—	—	1.00	—	—	—
(iv) Strengthening of Offices	..		1991-92	1991-92	—	—	5.00	—	—	1.00	—	—	—
(v) Interest subsidy to Panchayati Raj Bodies on remunerative assets	..		1991-92	1991-92	—	—	280.00	—	—	39.00	—	—	—
Total	..				—	—	308.30	2.00	2.00	43.50	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NEW SCHEMES:</b>													
<b>I. Major and Medium Irrigation Schemes.</b>													
(a) Major Irrigation Schemes		1990-91	—	—	315.00	54.00	54.00	57.00	—	—	—	—	—
(b) Medium Irrigation Schemes :													
1. Phina Singh Project Sactioned 1990-92		: Kangra 1991-92	—	—	100.00	1.00	1.00	5.00	—	—	—	—	3.000
2. Kirpal Chand Kuhl from Neogal Khad	..	-do-	..	—	50.00	2.00	2.00	10.00	—	—	—	—	2.000
3. Sarwai Khad	..	Kullu	..	—	100.00	1.00	1.00	—	—	—	—	—	2.000
4. Beet illaqua	..	Una	..	—	200.00	0.50	—	—	—	—	—	—	2.000
5. Changer Area Irrigation Project Bilaspur	..	Bilaspur	..	—	300.00	2.00	2.00	20.00	100.00	—	—	100	—
6. Lift Irrigaton Project Sidhatha in Kangra District	..	Kangra	..	—	50.00	0.50	0.50	5.00	—	—	—	—	2.000
7. Survey/ Investigation of Med. Irri. Schemes	..	—	..	—	100.00	5.00	5.00	10.00	—	—	—	—	—
8. Publicity	..	—	..	—	—	3.00	3.00	—	—	—	—	—	—
Total	..				1215.00	69.00	69.00	107.00	100.00	—	—	100	11000
<b>II. Minor Irrigation</b>													
(i) Various Schemes of IPH:	..	In H.P.	1991-92	—	850.00	11.00	11.00	15.00	2000 hect.	—	—	—	—
Minor Irrigation Schemes of C.D.													
(i) Renovation and Remodelling of old kuhl	..		1990-91	100.00	100.00	13.80	13.80	15.00	—	—	—	—	—
(ii) Const. of water harvesting and impounding structures..	..		1990-91	100.00	100.00	11.20	11.20	20.00	—	—	—	—	—
Total—Minor Irrigation	..				200.00	200.00	25.00	25.00	35.00	—	—	—	—
<b>III. Command Area Development:</b>													
(i) Medium Irrigation Bhabour Sahib Phase-II	..	Una		—	70.00	2.00	2.00	—	FC 1000 OB 1000	—	—	—	FC 1640
<b>IV. Flood Control :</b>													
Various Schemes Sanctioned in 1990-91					150.00	20.00	20.00	20.00					
Various Schemes	..	H.P. State	1991-92	—	30.00	—	—	4.00	400	—	—	150	—
Total	..				180.00	20.00	20.00	24.00					
<b>POWER</b>													
<b>New schemes</b>													
<b>I. Hydel Generation</b>													
(a) HPSEB Schemes					Chamba 1991-22	2465.00	—	—	—	—	—	—	—

(3) Baspa-II	Kinnaur 1991-92	34134.00	—	—	—	—	—	—	—	—
Total—(a)			—	93.00	—	—	—	—	—	—
<b>(b) NJPC Schemes (HP Equity Share only)</b>										
1. Kol Dam	Mandi	1991-92	—	5000.00	200.00	200.00	50.00	—	—	—
Grand total (A&B) (New Schemes)				5093.00	200.00	200.00	50.00	—	—	—

## NEW SCHEMES

### INDUSTRIES AND MINERALS

#### A. Village and Small Industries Direction & Administration

(i) Setting up of inspectorate of Boiler Headquarter	Hdq. Schemes	1990-91	—	8.00	2.00	2.00	2.00	—	—	—
(ii) Electrical Appliances and quality control	-do-	1991-92	—	5.00	1.00	0.50	1.00	—	—	—
(iii) Entrepreneur Guidance Bureau	-do-	-do-	—	5.00	—	—	0.50	—	—	—
(iv) Indl. Policy, Planning Research Analysis wing including Computerisation and Data Transmission unit	-do-	1991-92	—	20.00	1.00	1.00	2.50	—	—	—
(v) Project appraisal and Management consultancy cell	-do-	1991-92	—	10.00	—	—	1.00	—	—	—
Total—(A)			—	48.00	3.00	3.00	7.00	—	—	—

#### (B) Small Scale Industries

(i) Establishment of quality Marketing Tool Room common Facility Centres	Throughout H.P.	1991-92	—	100.00	—	—	20.00	—	—	—
(ii) Development of Food Processing Industries	-do-	-do-	—	70.00	—	—	12.00	—	—	—
Total—(B)			—	170.00	—	—	32.00	—	—	—

#### (C) Handloom Industries

(i) Development of Handloom and Textile Industries	Headquarter Schemes	1990-91	—	60.00	0.50	0.50	10.00	—	—	—
(ii) Development Handi Crafts sector Schemes introduced by DC (Handi crafts)	Throughout H.P.	1991-92	—	100.00	—	—	20.00	—	—	—

1	2	3	4	5	6	7	8	1	10	11	12	13	14
(iii) Share Capital Assistance to weavers Apex Societies	..	-do-	-do-	—	15.00	—	—	3.00	—	—	—	—	—
(iv) Investment in Primary weavers Co-op. Societies	..	-do-	-do-	—	10.00	—	—	2.00	—	—	—	—	—
Total—(C)	..			—	185.00	0.50	0.50	55.50	—	—	—	—	—
(D) Sericulture Industries													
(i) Social Forestry/Ecology Development	..	-do-	-do-	—	5.00	—	—	1.00	—	—	—	—	—
(ii) Herbal Industries and phyto Chemicals	..	-do-	-do-	—	70.00	—	—	10.00	—	—	—	—	—
Total—(D)	..			—	75.00	—	—	11.00	—	—	—	—	—
(E) Monitoring and Evaluation													
(i) Setting up of Field Survey Unit	..	Headquarter	-do-	—	15.00	—	—	3.00	—	—	—	—	—
Total—(E)	..			—	15.00	—	—	3.00	—	—	—	—	—
(F) Employment Scheme for un-employment Educated Youth													
(i) Promotion of Self Employment in Service Sector	..	Throughout State	1991-92	—	60.00	—	—	10.00	—	—	—	—	—
Total—(F)	..			—	60.00	—	1.10	10.00	—	—	—	—	—
(G) Other Village Industries													
(i) Export Promotion Programme	..	Throughout State	1990-91	—	60.00	1.00	1.00	10.00	—	—	—	—	—
Total—(G)	..	-do-		—	60.00	1.00	1.00	10.00	—	—	—	—	—
(H) Other Expenditure													
(i) Training and visit Programme	..	-do-	1991-92	—	25.00	—	—	4.00	—	—	—	—	—
(ii) Environmental conservation and Pollution Control	..	-do-	-do9	—	5.00	—	—	0.50	—	—	—	—	—
(iii) Investment of Electronic	..												

Total—(H)	..	—	65.00	—	—	9.50	—	—	—	—	—
Total—(I)	..	—	678.00	4.50	4.50	117.50	—	—	—	—	—

II. Industries (Other Than VSI) ..

(a) Other Expenditure

(i) Indl. Co-operatives	..	-do-	-do-	—	10.00	—	—	2.00	—	—	—	—
(ii) Indl. Housing Scheme including Interest Subsidy for Indl. Housing	..	-do-	-do-	—	30.00	—	—	5.00	—	—	—	—
(iii) Managerial Assistance to Service Sector organisation for promotional activities	..	Through-out State.	1991-92	—	30.00	—	—	3.90	—	—	—	—

Total—(a)	..	—	70.00	—	—	10.90	—	—	—	—	—
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Total—II	..	—	70.00	—	—	10.90	—	—	—	—	—
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Grand Total—(New Schemes)	..	—	748.00	4.50	4.50	128.40	—	—	—	—	—
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ROADS AND BRIDGES:

1. New Schemes :

1. Roads & Bridges	..	C/o numerous roads i/c bridges Spread throughout the State.	1990-91	2000.00	285.00	44.68	44.68	60.00	57 km. formation cutting.	11 kms. formation cutting.	14 km. formation cutting.	Road Const. activity is a continuing process. Target are kept commensurate with the budget provision/availability of resources.	—
2. Cableways	..	Spread Throughout the State.	1990-91	50.00	2.40	0.20	0.20	0.40	1 km.	—	—	-do-	—
3. Telecommunication	..	-do-	1990-91	—	350.00	50.00	50.00	60.00	—	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>S&amp;T&amp; ENVIRONMENT</b>													
(A) Forensic Lab. ..		1991-92		200.00		—	—	50.00		—	—	—	—
(B) Ecology and Environment													
New Schemes :													
1. Survey (Botanical) ..		1991-92		10.00		—	—	0.25		—	—	—	—
2. -do- (Zoological) ..		-do-		10.00		—	—	0.25		—	—	—	—
3. Environmental Research & Ecological Regeneration ..		-do-		—		—	—	—		—	—	—	—
4. Environmental Education/ Training ..		-do-		10.00		—	—	1.00		—	—	—	—
5. Conservation Programme ..		-do-		28.00		—	—	4.50		—	—	—	—
6. Research and Ecological regeneration ..		-do-		17.00		—	—	5.00		—	—	—	—
7. International co-operation ..		-do-		5.00		—	—	—		—	—	—	—
Total—(Ecological & Environment)				80.00		—	—	11.00					

#### TOURISM

<b>Tourism :</b>													
1. Construction of club house ..		1991-92		250.00		—	—	35.0		—	—	—	—
2. Health resort at Mashobra ..		-do-		150.00		—	—	20.00		—	—	—	—
3. A small recreation park at Naldehra and laying of benches in the surrounding Wilderness ..		-do-		50.00		—	—	10.00		—	—	—	—
4. Development of Narkanda and Kuffri Ski slopes ..		-do-		50.00		—	—	10.00		—	—	—	—
5. Lift from Rivoli cinema bus stand to Ridge and at some other suitable points ..		-do-		50.00		—	—	10.00		—	—	—	—
6. Development of picnic spots at Taradevi, Glen, Mashobra and Jakhu Temple ..		-do-		100.00		—	—	10.00		—	—	—	—
7. Parking places in Shimla with the facility of local telephone and public conveniences ..		-do-		50.00		—	—	10.00		—	—	—	—
8. Wayside facilities along the routes of settled resorts ..		-do-		50.00		—	—	10.00		—	—	—	—
9. Amusement Park at Shimla ..		-do-		100.00		—	—	10.00		—	—	—	—
10. Development of horse ride tracts in Shimla and Settelttes ..		-do-		20.00		—	—	5.00		—	—	—	—
11. Rock garden at Annadal ..		-do-		80.00		—	—	20.00		—	—	—	—
12. Development of trekking ..		-do-		50.00		—	—	10.00		—	—	—	—

**New Schemes.**

1. Estimation of Capital formation & preparation of district Level estimates of state Domestic Product	H.Q.	1991-92	4.50	4.50	—	—	2.20	—	—	—	—	—
Total (3)			4.50	4.50	—	—	2.20	—	—	—	—	—

**Civil Supply :**

**New Schemes :**

(1) New Schemes subsidy on wheat to the Antyodaya Families			—	—	—	3150.00	200.00	200.00	630.00	—	—	—	—
Total (New Schemes) (Civil Supply)			—	—	—	3150.00	200.00	200.00	630.00	—	—	—	—

**SOCIAL SERVICE**

*Education :*

**Primary Education :**

Direction and Administration		1990-91	—	—	1.47	1.47	—	2 posts	2 posts	—	—	—	—
Government Primary Schools		-do-	—	126.00	17.87	17.87	2.00	700 schools	100 schools	150 schools	—	—	—
Inspection		-do-	—	—	2.02	2.02	—	4 posts	4 posts	—	—	—	—
Training and other Services		-do-	—	17.58	1.24	1.24	0.82	700 part time water carriers	100 PT WC	150 PT WC	—	—	—
Maintenance of Buildings		-do-	—	—	10.00	10.00	—	—	—	—	—	—	—
Total Primary Education				143.58	32.60	32.60	2.82	—	—	—	—	—	—

**New Schemes :**

**I. Elementary Education classes VI VIII):**

**I. Direction & Administration**

1. Strengthening of District offices (3 LAS)	Mandi D/sala Shimla	1991-92	5.30	5.30	—	—	0.27	3 posts	—	3 posts	—	—	—
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**II. Teachers / other Services :**

1. Addl. trs. for Middle Schools Norms (150/47)	Entire state	1991-92	260.00	260.00	—	—	11.30	471 Trs.	—	150 Trs.	—	—	—
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Total (Ele. Edu.)			—	—	265.30	265.30	—	—	—	—	—	—	—
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1	2	3	4	5	6	7	8	9	10	11	12	13	14
---	---	---	---	---	---	---	---	---	----	----	----	----	----

**Secondary Education :**

**I. Direction & Administration:**

(1) Directorate Level	..	Mandi	1992-93	4.30	4.30	—	—	—	5 Posts	—	—	—	—
(11) District Level	..	Mandi	1992-93	6.00	6.00	—	—	—	3 Posts	—	—	—	—
		D-sala/ Shimla											
<b>Sub Total (I)</b>				10.30	10.30	—	—	—	—	—	—	—	—

**II. Teachers and other Services :**

1. Addl. Trs. for Sec. Schools	..	Entire State	1991-92	30.00	30.00	—	—	3.40	30 Trs	—	30 trs	—	—
2. Lab. Attendants for Sec. Schools	..	"	1991-92	16.65	16.65	—	—	0.55	50 Posts	—	10 Posts	—	—
<b>Sub Total (II)</b>				46.65	46.65	—	—	3.95	—	—	—	—	—
<b>Total (Sec. Edu.)</b>				56.95	56.95	—	—	3.95	—	—	—	—	—

**University & Higher Education**

**I. Other programmes:**

1. Addl. Staff for Colleges	..	"	1992-93	3.00	3.00	—	—	—	20 Posts	—	—	—	—
<b>Total (Uni &amp; Hr. Edu.)</b>				3.00	3.00	—	—	—	—	—	—	—	—

**General :**

**I. Direction and Administration**

1. Strengthening & re-organisation of admn.	..	Shimla	1991-92	8.00	8.00	—	—	0.70	23 Posts	—	11 Posts	—	—
2. Other Expenditure Installation of PBX/fact computers	..	"	1992-93	20.00	20.00	—	—	—	—	—	—	—	—
<b>Total (General)</b>				—	28.00	28.00	—	0.70	—	—	—	—	—

**Sport / Physical Education :**

**I. Direction & Administration**

1. Supporting Staff for D.P.E. Os	..	Entire State	"	5.00	5.00	—	—	—	—	—	—	—	—
<b>G. Total (Hr. Education)</b>				—	—	358.25	358.25	—	—	16.22	—	—	—

**I. Technical Education :**

1. Project for strengthening of Tech. Education with world Banks Assistance share pertain 70:30

Project for strengthening of Tech. Edu. in H.P.	1991-92	291.22	223.42	—	—	25.56	—	—	—	—	—
(i) Strengthening of Dte. of Tech. Education set up of SPIV.											
(ii) Upgradation of Junior Tech. School Kangra	-do-	-do-	435.40	318.70	—	12.60	—	—	—	—	—
(iii) Strengthening of Polytechnics	-do-	-do-	1202.38	1008.51	—	170.17	—	—	—	—	—
(iv) Strengthening of state Board of Teh. Education	-do-	-do-	65.49	52.14	—	2.11	—	—	—	—	—
<b>Total I</b>			<b>1994.49</b>	<b>1602.77</b>	<b>—</b>	<b>210.44</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

**II. Training Wing :**

Strengthening of existing I.T.I	1990-91	13.12	13.12	2.00	2.00	5.00	—	—	—	—	—
<b>Total II</b>		<b>13.12</b>	<b>13.12</b>	<b>2.00</b>	<b>2.00</b>	<b>5.00</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>G. Total (I+II)</b>		<b>2007.61</b>	<b>1615.89</b>	<b>2.00</b>	<b>2.00</b>	<b>215.44</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

**SPORTS AND YOUTH SERVICES :**

**New Schemes :**

(1) Maintenance operation and Provision of Staff youth hostels at Dalhousie, Mandi and Bilaspur.	1991-92	—	4.81	—	—	1.00	—	—	—	—	—
(2) Construction of sports hostel at Nahan		—	50.00	—	—	—	—	—	—	—	—
(3) Establishment of EPDA		—	50.00	—	—	—	—	—	—	—	—
(4) Construction of Indoor ice-Skating Rink at Shimla		—	30.49	—	—	—	—	—	—	—	—
(5) Setting up of sports wings in Colleges		—	15.15	—	—	—	—	—	—	—	—
(6) Construction of Stadia (CSS)		—	—	—	—	—	—	—	—	—	—
<b>Total</b>		<b>—</b>	<b>150.45</b>	<b>—</b>	<b>—</b>	<b>1.00</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Mountaneering and Allied sports New Schemes :</b>														
(1) Augmentation of ski Scheme at Solag Nallah			— 1991-92		25.00	25.00	—	—	3.00	—	—	—	—	—
(2) Opening of New Mountaineering and Rescue Centre at Kaipa (Kinnaur)			— -do-		2.50	2.50	—	—	1.00	—	—	—	—	—
(3) Regularisation of Trekking and mountaineering in H.P.			— -do-		2.50	2.50	—	—	1.00	—	—	—	—	—
(4) Opening of Trekking and sikling Centre at kupad (kharapak thar)			— -do-		2.50	2.50	—	—	1.50	—	—	—	—	—
(5) opening of HAT and sking centre at chancellor Ghati (has-hot)			— -do-		2.50	2.50	—	—	1.50	—	—	—	—	—
<b>Grand Total (New Schemes)</b>					—	35.00	—	—	8.00	—	—	—	—	—

*Health:*

**NEW SCHEMES :**

**(A) ALLOPATHY :**

**(I) Minimum Needs Programme :**

(1) Opening of Primary Health centres	State scheme	1991-92	—	323.00	—	—	20.00	52	25	9	—	—
(2) Opening of Community Health centres	-do-	-do-	—	137.00	—	—	8.00	15	5	4	—	—
(3) Multipurpose workers scheme (State Plan) Providing of 255 male Health workers in Health Sub-Centres	-do-	-do-	—	312.00	—	—	66.00	355 (MHW)	—	255	—	—
(4) Conversion of 17 Rural Hospitals in to community Health centres	-do-	-do-	—	96.00	—	—	7.00	17	4	4	—	—
(5) Strengthening of Services at PHCs and CHCs (50 PHCs+PHs)	-do-	-do-	—	740.00	—	—	38.00	—	—	—	—	—
<b>Total (A.N.P.)</b>			—	1608.00	—	—	139.00	—	—	—	—	—

Programme :													
1	Opening of ESI Dispensaries	-do-	-do-	—	10.00	—	—	1.00	3	Nil	one	—	—
2	Strengthening of Services in Blood Bank	-do-	-do-	—	10.00	—	—	2.00	—	—	—	—	—
Total -II				—	20.00	—	—	3.00	—	—	—	—	—
III. C.S.S. New Schemes Transferred State Plan :													
1.	Opening of Health Sub centres	-do-	—	54.00	—	—	7.00	10	—	40	—	Central	—
2.	Posting of Female Health workers in Health Sub Centres	-do-	—	170.00	—	—	43.00	235 (FHWC)	—	235	—	Share Transfers to State Plan	—
Total III				—	224.00	—	—	50.00	—	—	—	—	—
Grand Total (New Schemes)				—	1852.00	—	—	192.00	—	—	—	—	—
(2) AYURVEDA : New Schemes :													
(1)	Expenditure on opening of Block offices	To Provide Medical Facilities	1991-92	21.75	21.75	—	—	2.00	—	—	—	—	—
(2)	Expenditure on opening of New Ayurvedic Hospitals at Mandi/Solan/Lahaul and Spiti	-do-	-do-	23.30	23.30	—	—	2.00	—	—	—	—	—
(3)	Training to Auxillary Nurses/Midwives	Teaching of Medical Education	-do-	13.00	13.00	—	—	1.00	—	—	—	—	—
(4)	Training/Refresher Courses for in service Technical staff in and outside H.P.	-do-	-do-	5.00	5.00	—	—	0.50	—	—	—	—	—
(5)	Ayurvedic Library and Ayurvedic Himachal regular bi-monthly Journal of Deptt.	Teaching and Publicity of Ay. Medical Education	-do-	5.00	5.00	—	—	1.00	—	—	—	—	—
G. Total (Ayurveda)				—	68.05	—	—	6.50	—	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>New Schemes :</b>													
1. Rural water Sply	..	—	1990-91	100.00	480.00	406.66	406.66	10.00	310 (Villages)	120 (villages)	130 (villages)	—	—
<b>New Schemes (Housing) :</b>													
<b>I. 9th F.C.</b>													
(a) Police Deptt.	}	..	C/onumerous Housing units spread Through out state	—	—	—	—	—	—	—	—	—	—
(b) other then Police													
			1990-91		120.00				30 Nos	5 Nos.	6 Nos	—	Targets are kept commesu- rate with the bud- get pro- vision- availabi- lity of funds
<b>II. Other than 9th Fin. Comm.</b>													
(a) Police Deptt.	..	—	—	—	—	—	—	—	—	—	—	—	—
(b) Other than Police	..	—	—	250.00	—	18.70	18.70	25.00	—	—	—	—	—
Total (I/II)	..	—	—	250.00	120.00	18.70	18.70	25.00	30 Nos.	5 Nos.	6Nos.	—	—
<b>Information and Publicity :</b>													
(1) Press information Service (Information banks)	..	103 Throu- ghout H.P.	1991-92	—	30.00	—	—	—	6.00	—	—	—	—
Total	..			—	30.00	—	—	—	6.00	—	—	—	—
<b>New Schemes :</b>													
<i>Labour and Labour Welfare:</i>													
<b>A. Labour :</b>													
1. Direction & Administration	..	Shimla		3.00	—	—	—	0.45					
2. Working Condition & Safety	..												
(i) Inspectorate of factories	..	Shimla/ Solan		2.80	—	—	—	0.60					

rate at the Directorate	..			1.00	—	—	0.20	—	—	—	—	—
3. Research Survey & statistics	..			1.00	—	—	0.10	—	—	—	—	—
4. Setting up of women cell at the Dte.	..			1.00	—	—	0.30	—	—	—	—	—
5. Scheme for estt. of Labour welfare fund	.. Shimla			1.00	—	—	0.20	—	—	—	—	—
6. Identification/Rehabilitation of Bonded labour	..			0.20	—	—	0.05	—	—	—	—	—
7. Setting up of Labour welfare centre	..			1.00	—	—	0.30	—	—	—	—	—
<b>Total (A)</b>	..			<b>11.00</b>	<b>—</b>	<b>—</b>	<b>2.20</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>B. Employment :</b>												
1. Direction & Administration	.. Shimla			5.00	—	—	0.80	—	—	—	—	—
<b>Total (B)</b>	..			<b>5.00</b>	<b>—</b>	<b>—</b>	<b>0.80</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Total (A+B)</b>	..			<b>16.00</b>	<b>—</b>	<b>—</b>	<b>3.00</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

**NEW SCHEMES :**

**1. Jails :**

1. Const. of administration Block at sub-jail Mandi	.. Mandi	1991-92	15.00	9.00	—	—	0.50	—	—	—	—	—
2. Electricity renovation at Nahan Una, Hamirpur Jails	.. Nahan Una Hamirpur	-do-	0.80	0.80	—	—	0.80	—	—	—	—	—
3. Repair/Add. alteration of sub-jail, solan	.. Solan	-do-	1.04	1.04	—	—	0.70	—	—	—	—	—
4. Const. of Female ward, Dispensary office at sub Jail Hamirpur	.. Hamirpur	-do-	4.10	4.10	—	—	1.00	—	—	—	—	—
5. Const. of New Jail at Kinnaur	.. Kinnaur	-do-	5.00	20.06	—	—	—	—	—	—	—	—
<b>Total (Jails)</b>	..		<b>70.94</b>	<b>35.00</b>	<b>—</b>	<b>—</b>	<b>3.00</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

**2. Stationery and Printing :**

1. Capital content (const of Housing colonies)	..			240.00	—	—	20.00	—	—	—	—	—
--	----	--	--	--------	---	---	-------	---	---	---	---	---

**NEW SCHEMES :**

**3. Public Works (Building):**

I. 9th F.C.	..	} C/o numerous building	1990-91									
(a) Police Deptt.	..											

Targets are kept

1	2	3	4	5	6	7	8	9	10	11	12	13	14
		spread through out the state		620.00	95.00	14.00	14.00	20.00	5 Nos.	1 Nos.	1 Nos.	commens- rate with the budget Provision availability of funds	
(b) Other than Police II. Other than 9th Fin. commis- sion													
Sub Total (I & II)	..			620.00	95.00	14.00	14.00	20.00	—	—	—	—	—
Grand Total	..			33229.62	3619.34	3619.34	5951.08						

## ANNEXURE-III-D

## SUMMARY STATEMENT

## III-D DRAFT EIGHTH PLAN (1990-95) PROPOSALS FOR PROGRAMMES/PROJECTS

Rs. in lakh

Sr. No.	Particulars/Code No. Major Head/ Minor Head	Estimated Cost	Cumulative Expenditure upto end of 7th Plan	Eighth Plan (1990-95) proposed outlay	Annual Plan 1990-91 Approved outlay	Annual Plan 1990-91 Anti. expenditure	Annual Plan 1991-92 Proposed outlay	Remarks specifically Environmental measures/cost
1	2	3	4	5	6	7	8	9
<b>(A) ECONOMIC SERVICES :</b>								
<b>I. AGRICULTURE AND ALLIED ACTIVITIES :</b>								
<b>(1) CROP HUSBANDRY (101240100):</b>								
<b>(a) Agriculture :</b>								
	(i) Schemes Aimed at maximising benefits from existing capacity ..							
	(ii) Completed Schemes as on 31-3-90 (spill over liability) ..							
	(iii) Critical ongoing schemes ..	2752.63	7384.00	1089.00	1089.00	1453.00		
	(iv) Schemes sanctioned/Committed in 90-91 ..							
	(v) New Schemes ..							
	<b>Total—(a) ..</b>	<b>2752.63</b>	<b>7384.00</b>	<b>1089.00</b>	<b>1089.00</b>	<b>1453.00</b>		
<b>(b) Horticulture :</b>								
	(i) Schemes Aimed at maximising benefits from existing capacity ..	574.47	589.00	80.51	80.51	101.00		
	(ii) Completed Schemes as on 31-3-90 (spill over liability) ..	46.41						
	(iii) Critical ongoing Schemes ..	1227.53	2331.50	420.49	420.49	491.00		
	(iv) Schemes sanctioned/committed .. in 1990-91 ..		2023.00	85.00	85.00	438.00		
	(v) New Schemes ..		162.50			24.00		
	<b>Total—(b) ..</b>	<b>1848.41</b>	<b>5106.00</b>	<b>586.00</b>	<b>586.00</b>	<b>1054.00</b>		
<b>(c) Dry Land Farming :</b>								
	(i) Schemes Aimed at maximising benefits from existing capacity ..							
	(ii) Completed Schemes as on 31-3-90 (spill over liability) ..							
	(iii) Critical ongoing Schemes ..	178.27	125.00	25.00	25.00	25.00		
	(iv) Schemes Sanctioned/Committed in 1990-91 ..							
	(v) New Schemes ..							
	<b>Total—(c) ..</b>	<b>178.27</b>	<b>125.00</b>	<b>25.00</b>	<b>25.00</b>	<b>25.00</b>		
	<b>Sub-Total—(a+c) ..</b>	<b>4779.31</b>	<b>12615.00</b>	<b>1700.00</b>	<b>1700.00</b>	<b>2532.00</b>		



1	2	3	4	5	6	7	8	9
<b>(2) SOIL AND WATER CONSERVATION (240200) :</b>								
<b>(a) Agriculture :</b>								
(i) Schemes Aimed at maximising benefits from the existing Capacity								
(ii) Completed Schemes as on 31-3-90 (spill over liability)								
(iii) Critical ongoing Schemes		543.51	1978.00	197.00	197.00		339.00	
(iv) Schemes sanctioned/Committed in 90-91								
(v) New Schemes								
<b>Total—(a)</b>		<b>543.51</b>	<b>1978.00</b>	<b>197.00</b>	<b>197.00</b>		<b>339.00</b>	
<b>(b) Forests (24060101) :</b>								
(i) Schemes Aimed at maximising benefits from the existing Capacity								Includes expenditure
(ii) Completed schemes as on 31-3-90 (Spill over liability)								against centrally
(iii) Critical ongoing Schemes		3394.72*	4049.00	125.00	125.00		812.00	Sponsored Schemes.
(iv) Schemes sanctioned/committed in 90-91								
(v) New Schemes								
<b>Total—(b)</b>		<b>3394.72*</b>	<b>4049.00</b>	<b>125.00</b>	<b>125.00</b>		<b>812.00</b>	
<b>Sub-Total—(a+b)</b>		<b>3938.23*</b>	<b>6027.00</b>	<b>322.00</b>	<b>322.00</b>		<b>1151.00</b>	
<b>(3) ANIMAL HUSBANDRY (240300) :</b>								
(i) Schemes Aimed at maximising benefits from the existing capacity								
(ii) Completed Schemes as on 31-3-90 (Spill liability)								
(iii) Critical ongoing schemes		824.44	1715.00	256.00	256.00		304.80	
(iv) Schemes sanctioned/committed in 90-91								
(v) New Schemes			255.00				9.20	
<b>Total—(3)</b>		<b>824.44</b>	<b>1970.00</b>	<b>256.00</b>	<b>256.00</b>		<b>314.00</b>	
<b>(4) DAIRY DEVELOPMENT (240400) :</b>								
(i) Schemes Aimed at maximising benefits from the existing capacity								
(ii) Completed Schemes as on 31-3-90 (Spill over liability)								
(iii) Critical ongoing Schemes		290.38	625.00	100.00	100.00		115.00	
(iv) Schemes sanctioned/committed in 90-91								
(v) New Schemes								
<b>Total—(4)</b>		<b>290.38</b>	<b>625.00</b>	<b>100.00</b>	<b>100.00</b>		<b>115.00</b>	
<b>(5) FISHERIES (240500) :</b>								
(i) Schemes aimed at maximising benefits from existing capacity								
(ii) Completed Schemes as on 31-3-90 (Spill over liability)								
(iii) Critical ongoing Schemes		329.78	779.50	118.00	118.00		149.90	
(iv) Schemes sanctioned/committed in 1990-91								
(v) New Schemes			20.50				0.10	
<b>Total—(5)</b>		<b>329.78</b>	<b>800.00</b>	<b>118.00</b>	<b>118.00</b>		<b>150.00</b>	

1	2	3	4	5	6	7	8	9
<b>(6) FORESTRY AND WILD LIFE</b> (240600) :								
<b>(a) Forestry :</b>								
(i) Schemes aimed at maximising benefits from existing capacity			—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spillover liability)			—	—	—	—	—	—
(iii) Critical on going Schemes			10149.30	22315.00	2565.00	2565.00	3570.00	
(iv) Sanctioned/committed Schemes in 1990-91			—	—	—	—	—	—
(v) New Schemes								
Total—(a)			10149.30	22315.00	2565.00	2565.00	3570.00	
<b>(b) Wild Life :</b>								
(i) Schemes aimed at maximising benefits from existing Capacity			—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spillover liability)								
(iii) Critical on going Schemes			—	—	—	—	—	—
(iv) Schemes sanctioned/committed in 90-91			—	—	—	—	—	—
(v) New Schemes			—	440.00	—	—	—	100.00
Total—(b)			523.10*	1560.00	105.00	105.00	280.00	
Sub-Total—(a+b)			1067.24*	23875.00	2670.00	2670.00	3850.00	
<b>7. AGRICULTURE RESEARCH AND EDUCATION (241500) :</b>								
<b>(a) Agriculture :</b>								
(i) Schemes aimed at maximising benefits from existing capacity			—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spillover liability)			—	—	—	—	—	—
(iii) Critical on going Schemes			367.52	1025.00	127.00	127.00	174.00	
(iv) Schemes sanctioned/committed in 90-91			—	—	—	—	—	—
(v) New Schemes			—	—	—	—	—	—
Total—(a)			367.52	1025.00	127.00	127.00	174.00	
<b>(b) Horticulture :</b>								
(i) Schemes aimed at maximising benefits from existing capacity			—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spillover liability)			—	—	—	—	—	—
(iii) Critical on going Schemes			496.09	975.00	127.00	127.00	170.00	
(iv) Schemes sanctioned/Committed in 90-91			—	—	—	—	—	—
(v) New Schemes			—	—	—	—	—	—
Total—(b)			496.09	975.00	127.00	127.00	170.00	



1	2	3	4	5	6	7	8
(iii) Critical on going Schemes ..		1755.24	150.00	123.00	123.00	20.00	
(v) Schemes sanctioned/committed in 90-91 ..		—	—	—	—	—	
(v) New Schemes ..		—	—	—	—	—	
Total—(b) ..		1755.24	150.00	123.00	123.00	10.00	
Sub-Total—(8) ..		1784.24	200.00	133.00	133.00	30.00	
<b>(9) MARKETING AND QUALITY CONTROL (24435 01) :</b>							
<b>(a) Agriculture :</b>							
(i) Schemes aimed at maximising benefits from existing capacity ..		—	—	—	—	—	
(ii) Completed Schemes as on 31-3-90 (Spill over liability) ..		—	—	—	—	—	
(iii) Critical ongoing Schemes ..		103.91	250.00	24.00	24.00	54.00	
(iv) Schemes sanctioned/committed in 90-91 ..		—	—	—	—	—	
(v) New Schemes ..		—	—	—	—	—	
Total—(a) ..		103.91	250.00	24.00	24.00	54.00	
<b>(b) Horticulture :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity ..		—	—	—	—	—	
(ii) Completed Schemes as on 31-3-90 (spill over liability) ..		—	—	—	—	—	
(iii) Critical ongoing Schemes ..		4070.09	3837.50	475.00	475.00	508.00	
(iv) Schemes sanctioned/committed in 90-91 ..		—	—	—	—	—	
(v) New Schemes ..		—	2.50	—	—	2.00	
Total—(b) ..		4070.09	3840.00	475.00	475.00	510.00	
Sub-Total—(9) ..		4174.00	4090.00	499.00	499.00	564.00	
<b>(10) LOANS TO CULTIVATORS OTHER THAN HORTICULTURE LOANS (243560)</b>							
(i) Schemes aimed at maximising benefits from existing Capacity ..		—	—	—	—	—	
(ii) Completed Schemes as on 31-3-90 (spill over liability) ..		—	—	—	—	—	
(iii) Critical ongoing Schemes ..		21.17	5.00	1.00	1.00	1.00	
(iv) Schemes sanctioned/committed in 90-91 ..		—	—	—	—	—	
(v) New Schemes ..		—	—	—	—	—	
Sub-Total—(10) ..		21.17	5.00	1.00	1.00	1.00	
<b>(11) CO-OPERATION 2425 00 :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity :							
(ii) Completed Schemes as on 31-3-90 (Spill over liability):							
(iii) Critical on going Schemes ..		2060.80	1255.00	84.00	161.00	159.20	

1	2	3	4	5	6	7	8
(iv) Schemes Sanctioned/Committed in 1990-91			—	660.00	36.00	36.00	38.30
(iv) New Schemes	..		—	—	—	—	—
Sub-Total—(II)	..		2060.80	2150.00	197.00	197.00	320.00
<b>Total. I</b>							
(i) Schemes aimed at Maximising benefits from existing capacity	..		574.47	589.00	80.51	80.51	101.00
(ii) Completed Schemes as or 31.3.90 (spill over liability)	..		46.41	—	—	—	—
(iii) Critical on going Schemes	..		29549.68	51039.50	6111.49	6111.49	8731.90
(iv) Schemes sanctioned/committed in 1990-91			—	2918.00	198.00	198.00	598.00
(i) New Schemes			—	880.50	—	—	135.00
Total—(I)	..		55427.00	6426.00	6426.00	6426.00	9567.00
<b>II. Rural Development :</b>							
<b>(1) SPECIAL PROGRAMMES FOR RURAL DEVELOPMENT (101 2501 00) :</b>							
<b>(a) Antyodya :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity	..		—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..		—	—	—	—	—
(iii) Critical on going Schemes	..		—	425.00	..	..	103.00
(iv) Schemes Sanctioned/Committed in 90-91			—	—	—	—	—
(v) New Schemes	..		—	—	—	—	—
Total—(a)	..			425.00	—	—	103.00
<b>(b) Integrated Rural Development Programme (I. R. D. P.) (2401 00) :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..		—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..		—	—	—	—	—
(iii) Critical on going schemes	..		1196.14	1485.00	136.00	136.00	270.00
(iv) Schemes Sanctioned/Committed in 90-91			—	15.00	—	—	10.00
(v) New Schemes	..		—	—	—	—	—
Total—(b)	..		1196.14	1500.00	136.00	136.00	280.00
<b>(c) Integrated Rural Energy Programme (IREP) (2501 04) :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..		—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..		—	—	—	—	—
(iii) Critical on going schemes	..		234.00	570.00	70.00	70.00	118.00
(iv) Sanctioned/Committed Schemes in 90-91			—	—	—	—	—
(v) New Schemes	..		—	—	—	—	—
Total—(c)	..		234.00	570.00	70.00	70.00	118.00
Sub-Total—(a+c)	..		—	2495.00	206.00	206.00	503.00

1	2	3	4	5	6	7	8
<b>(2) RURAL EMPLOYMENT (102 2505 00) :</b>							
<b>(a) Special Employment Programme :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	—						
(ii) Completed Schemes as on 31-3-1990 (Spill) over liability	..						
(iii) Critical on going schemes	—						
(iv) Sanctioned/Committed Schemes 90-91	..						
(v) New Schemes	..			2000.00	—		450.00
Sub-Total—(a)	..	231.00	2000.00	254.00	254.00		450.00
<b>(b) J. R. Y. :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..						
(ii) Completed Schemes as on 31-3-90 (Spill) over liability	..						
(iii) Critical on going Schemes	..		5014.00				1067.00
(iv) Sanctioned/Committed Schemes 90-91	..						
(v) New Schemes	..						
Total—(b)	..		5014.00	254.00	254.00		1067.00
Sub-Total—(a + b)	..	231.00	7014.00	254.00	254.00		1517.00
<b>(3) LAND REFORMS (102 2506 00) :</b>							
<b>(a) Cadastral Survey and Records of Rights :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..						
(ii) Completed Schemes as on 31-3-90 (Spill) over liability	..						
(iii) Critical on going schemes	..	955.29	1500.00	245.00	245.00		280.00
(iv) Schemes Sanctioned/Committed in 90-91	..						
(v) New Schemes	..		40.00				10.00
Total—(a)	..	955.29	1540.00	245.00	245.00		290.00
<b>(b) Supporting Services :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..						
(ii) Completed Schemes as on 31-3-90 (Spill) over liability	..						
(iii) Critical on going schemes	..	4.50	5.00	1.00	1.00		1.00
(iv) Schemes Sanctioned/Committed in 90-91	..						
(v) New Schemes	..						
Total—(b)	..	4.50	5.00	1.00	1.00		1.00
<b>(c) Consolidation of Holdings :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..						
(ii) Completed Schemes as on 31-3-90 (Spill) over liability	..						
(iii) Critical on going schemes	..	521.58	886.00	138.00	138.00		154.00
(iv) Schemes Sanctioned/Committed in 90-91	..						
(v) New Schemes	..						
Total—(c)	..	521.58	886.00	138.00	138.00		154.00

1	2	3	4	5	6	7	8
<b>(d) Strengthening of L. R. A. :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on goingschemes	..	232.66	730.00	80.00	80.00	135.00	
(iv) Schemes Sanctioned/Committed in 90-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(d)</b>	..	<b>232.66</b>	<b>730.00</b>	<b>80.00</b>	<b>80.00</b>	<b>135.00</b>	
<b>(e) Revenue Housing :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	96.03	60.00	5.00	5.00	10.00	
(iv) Schemes Sanctioned/Committed in 90-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(e)</b>	..	<b>96.03</b>	<b>60.00</b>	<b>5.00</b>	<b>5.00</b>	<b>10.00</b>	
<b>(f) Forestry Settlement :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-90 spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	117.35	190.00	31.00	31.00	35.00	
(iv) Schemes Sanctioned/Committed in 90-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(f)</b>	..	<b>117.35</b>	<b>190.00</b>	<b>31.00</b>	<b>31.00</b>	<b>35.00</b>	
<b>Sub-Total—(a+f)</b>	..	<b>1927.41</b>	<b>3411.00</b>	<b>500.00</b>	<b>500.00</b>	<b>625.00</b>	
<b>(4) COMMUNITY DEVELOPMENT (2515 00) :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	416.95	635.00	85.00	85.00	108.50	
(vi) Schemes Sanctioned/Committed in 90-91	..	—	25.00	10.00	10.00	5.00	
(v) New Schemes	..	—	90.00	—	—	13.50	
<b>Total—(4)</b>	..	<b>416.95</b>	<b>750.00</b>	<b>95.00</b>	<b>95.00</b>	<b>127.00</b>	
<b>(5) PANCHAYATS :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	194.93	472.70	69.00	69.00	95.50	
(iv) Schemes Sanctioned/Committed in 90-91	..	—	15.00	2.00	2.00	2.00	
(v) New Schemes	..	—	294.00	—	—	41.50	
<b>TOTAL—(5)</b>	..	<b>—</b>	<b>780.00</b>	<b>71.00</b>	<b>71.00</b>	<b>139.00</b>	

1	2	3	4	5	6	7	8
<b>TOTAL—I</b>							
(i) Schemes aimed at maximising from existing benefits			—	—	—	—	—
(ii) Completed schemes as on 31-3-90 (spill over liability)			—	—	—	—	—
(iii) Critical on going schemes			3969.45	11971.00	1114.00	1114.00	2379.00
(iv) Schemes sanctioned/committed in 1290-91			—	55.00	12.00	12.00	17.00
(v) New schemes			—	2424.00	—	—	515.00
			<b>3969.45</b>	<b>14450.00</b>	<b>1126.00</b>	<b>1126.00</b>	<b>2911.00</b>
TOTAL—II—(102 000 00)			—	14450.00	1126.00	1126.00	2911.00
<b>III. Special Area Programmes (103 000 00):</b>							
<i>(a) Desert Development Programme :</i>							
(i) Schemes aimed at maximising benefits from existing capacity			—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)			—	—	—	—	—
(iii) Critical on going schemes			—	1500.00	—	—	180.00
(iv) Schemes Sanctioned/Committed in 90-91			—	—	—	—	—
(v) New Schemes			—	—	—	—	—
Tota—(a)				1500.00	—	—	180.00
<b>TOTAL—III</b>							
(i) Schemes aimed at maximising from existing capacity			—	—	—	—	—
(ii) Completed schemes as on 31.3.90 (Spill over liability)			—	—	—	—	—
(iii) Critical on going schemes			—	1500.00	—	—	180.00
(iv) Schemes sanctioned/committed in 90.91			—	—	—	—	—
(v) New schemes			—	—	—	—	—
				1500.00	—	—	180.00
Total—(III)				1500.00	—	—	180.00
<b>IV. Irrigation And Flood Control :</b>							
<b>(1) MAJOR AND MEDIUM IRRIGATION (104 2701 00) :</b>							
(i) Schemes aimed at maximising benefits from existing capacity			—	200.00	141.00	141.00	50.00
(ii) Completed Schemes as on 31-3-90 (Spill over liability)			—	—	—	—	—
(iii) Critical on going schemes			61.47	350.00	60.00	60.00	150.00
(iv) Schemes Sanctioned/Committed in 90-91			257.23	315.00	54.00	54.00	57.00
(v) New Schemes			—	900.00	15.00	15.00	50.00
Total—(1)			318.70	1765.00	270.00	270.00	307.00
<b>(2) MINOR IRRIGATION (2702 00) :</b>							
<i>(a) Irrigation and Public Health Including USAID and R. D. Components :</i>							
(i) Schemes aimed at maximising benefits from existing capacity			—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)			2516.73	150.00	25.00	25.00	50.00
(iii) Critical on going schemes			—	2000.00	155.00	155.00	500.00
(iv) Schemes Sanctioned/Committed in 90-91			—	8000.00	2020.00	1430.00	2785.00
(v) New Schemes			—	850.00	—	—	15.00
Total—(a)			2516.73	11000.00	2225.00	2225.00	3350.00



1	2	3	4	5	6	7	8
<b>(b) Rural Development Department :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	—	—	—	—	—	—
(iv) Schemes Sanctioned/Committed in 90-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	200.00	25	25	35.00	—
<b>Total—(4)</b>	..	—	200.00	2225.00	2225.00	35.00	—
<b>Sub-Total (1+2)</b>	..	—	12965.00	2495.00	2495.00	3692.00	—
<b>(3) COMMAND AREA DEVELOPMENT (2702 00) :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	154.02	340.00	38.00	38.00	84.00	—
(iv) Schemes Sanctioned/committed in 90-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	70.00	2.00	2.00	—	—
<b>Total—(3)</b>	..	154.02	410.00	40.00	40.00	84.00	—
<b>(4) FLOOD CONTROL :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	367.61	20.00	2.00	2.00	10.00	—
(iii) Critical on going schemes	..	—	400.00	68.00	68.00	70.00	—
(iv) Schemes Sanctioned/Committed in 90-91	..	—	150.00	20.00	20.00	20.00	—
(v) New Schemes	..	—	30.00	—	—	—	—
<b>Total—(4)</b>	..	367.61	600.00	90.00	90.00	100.00	—
<b>TOTAL—IV</b>							
(i) Schemes aimed at maximising benefit from existing capacity	..	—	200.00	141.00	141.00	50.00	—
(ii) Completed schemes as on 31-3-90 spill over liability	..	2884.31	170.00	27.00	27.00	40.00	—
(iii) Critical on going schemes	..	215.49	3090.00	321.00	321.00	894.00	—
(iv) Schemes sanctioned/committed in 1990-91	..	257.23	8465.00	2119.00	2119.00	2862.00	—
(v) New schemes	..	—	2050.00	17.00	17.00	100.00	—
	..	3357.03	13975.00	2625.00	2625.00	3876.00	—
<b>TOTAL—IV-(104000 00)</b>	..		13975.00	2625.00	2625.00	3876.00	—
<b>V. Energy :</b>							
<b>1. POWER (105 2801 00) :</b>							
<b>(a) Generation:</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	—	34907.00	4350.00	4350.00	5468.00	—
(iv) Schemes Sanctioned/Committed in 90-91	..	—	5000.00	200.00	200.00	50.00	—
(v) New Schemes	..	—	93.00	—	—	—	—
<b>Total—(a)</b>	..	—	40000.00	4550.00	4550.00	5518.00	—

1	2	3	4	5	6	7	8	9
<b>(b) Transmission and Distribution (105 2804 05) :</b>								
(i) Schemes aimed at maximising benefits from existing capacity ..			—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability) ..			—	—	—	—	—	—
(iii) Critical on going schemes ..		8324.63	10300.00	450.00	450.00	1547.00		
(iv) Schemes Sanctioned/Committed in 90-91 ..		—	—	—	—	—	—	—
(v) New Schemes ..		—	—	—	—	—	—	—
Total—(b) ..		8324.63	10300.00	450.00	450.00	1547.00		
<b>(c) Rural Electrification (105 2801 06) :</b>								
(i) Schemes aimed at maximising benefits from existing capacity ..			—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability) ..			—	—	—	—	—	—
(iii) Critical on going schemes ..		5942.96	4600.00	750.00	750.00	825.00		
(iv) Schemes Sanctioned/Committed in 90-91 ..		—	—	—	—	—	—	—
(v) New Schemes ..		—	—	—	—	—	—	—
Total—(c) ..		5942.96	4600.00	750.00	750.00	825.00		
<b>(d) Survey and Investigation :</b>								
(i) Schemes aimed at maximising benefits from existing capacity ..			—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability) ..			—	—	—	—	—	—
(iii) Critical on going schemes ..		320.80	250.00	50.00	50.00	50.00		
(iv) Schemes Sanctioned/Committed in 90-91 ..		—	—	—	—	—	—	—
(v) New Schemes ..		—	—	—	—	—	—	—
Total—(d) ..		320.80	250.00	50.00	50.00	50.00		
<b>e) Board's Buildings :</b>								
(i) Schemes aimed at maximising benefits from existing capacity ..			—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability) ..			—	—	—	—	—	—
(iii) Critical on going schemes ..		261.31	250.00	Share included in renovation and modernisation head	50.00			
(iv) Schemes Sanctioned/Committed in 90-91 ..		—	—	—	—	—	—	—
(v) New Schemes ..		—	—	—	—	—	—	—
Total—(e) ..		261.31	250.00	Share included in renovation and modernisation head	50.00			
<b>f) Renovation and Modernisation of Power houses :</b>								
(i) Schemes aimed at maximising benefits from existing capacity ..			—	—	—	—	—	—
(ii) Completed Schemes as on 31-9-90 (Spill over liability) ..			—	—	Share included in renovation and modernisation head	—	—	—
(iii) Critical on going Schemes ..		386.83	600.00	50.00	50.00	10.00		
(iv) Schemes Sanctioned/Committed in 90-91 ..		—	—	—	—	—	—	—
(v) New Schemes ..		—	—	—	—	—	—	—
Total—(f) ..		—	600.00	50.00	50.00	10.00		
<b>Sub-Total—(I—Power)</b> ..		—	56000.00	5850.00	5850.00	8000.00		

1	2	3	4	5	6	7	8
<b>(2) NON CONVENTIONAL ENERGY SOURCES OF NEW AND RENEWABLE SOURCES OF ENERGY (105 2810 00) :</b>							
<b>(a) Bio-Gas Development (01) :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	391.15	811.00	85.00	85.00	171.00	—
(iv) Schemes Sanctioned/Committed in 90-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(a)</b>	<b>..</b>	<b>391.15</b>	<b>811.00</b>	<b>85.00</b>	<b>85.00</b>	<b>171.00</b>	
<b>(b) Solar Wind and other Energy Sources (02 038 60) :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	37.00	260.00	5.00	5.00	55.00	—
(iv) Schemes Sanctioned/Committed in 90-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(b)</b>	<b>..</b>	<b>37.00</b>	<b>260.00</b>	<b>5.00</b>	<b>5.00</b>	<b>55.00</b>	
<b>(c) Smokeless Chullahas :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	—	180.00	—	—	40.00	—
(iv) Schemes Sanctioned/Committed in 90-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(c)</b>	<b>..</b>		<b>180.00</b>	<b>—</b>	<b>—</b>	<b>40.00</b>	
<b>Total—(V)</b>	<b>..</b>		<b>57251.00</b>	<b>5940.00</b>	<b>5940.00</b>	<b>8266.00</b>	
<b>VI. Industries and Minerals (106 0000) :</b>							
<b>(a) Village and Small Industries (106 2851) :</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	1277.68	5874.50	415.50	415.50	1136.95	—
(iv) Schemes Sanctioned/Committed in 90-91	..	—	148.00	4.50	4.50	24.50	—
(v) New Schemes	..	—	530.00	—	—	93.00	—
<b>Total—(a)</b>	<b>..</b>	<b>—</b>	<b>6552.50</b>	<b>420.00</b>	<b>420.00</b>	<b>1254.45</b>	
<b>(b) Large and Medium Industries (285200):</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	2865.04	7787.50	650.00	650.00	1513.65	—
(iv) Schemes sanctioned/committed in 1990-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	70.00	—	—	10.90	—
<b>Total (b)</b>	<b>..</b>	<b>2865.04</b>	<b>7857.50</b>	<b>650.00</b>	<b>650.00</b>	<b>1524.55</b>	

1	2	3	4	5	6	7	8
<b>(c) Mining (285300):</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	—	92.59	400.00	30.00	30.00	45.00
(iv) Schemes sanctioned/committed in 1990-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
Total (c)	..	—	92.59	400.00	30.00	30.00	45.00
Total (VI)	..	—	—	14810.00	1100.00	1100.00	2824.00
<b>VII. Transport (107 0000):..</b>							
<b>(1) CIVIL AVIATION (305300):</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liabilities)	..	—	—	—	—	—	—
Critical on going schemes	..	—	682.60	300.00	25.00	25.00	40.00
(iii) Schemes sanctioned/committed in 1990-91	..	—	—	—	—	—	—
(iv) New schemes	..	—	—	—	—	—	—
Total—(1)	..	—	682.60	300.00	25.00	25.00	40.00
<b>(2) ROADS AND BRIDGES (305400):</b>							
(i) Schemes aimed at maximising benefits from existing capacity	}	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)		..	—	—	—	—	—
(iii) Critical on going schemes	}	—	15871.16	26965.00	3755.32	3755.32	4940.00
(iv) Schemes sanctioned/committed in 1990-91		..	—	—	285.00	44.68	44.68
(v) New Schemes	..	—	—	—	—	—	—
Total—(2)	..	—	15871.16	27250.00	3800.00	3800.00	5000.00
<b>(3) ROAD TRANSPORT (305500):</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	—	2875.25	7431.00	755.00	755.00	938.75
(iv) Schemes sanctioned/committed in 1990-91	..	—	—	—	—	—	—
(v) New schemes	..	—	—	—	—	—	—
Total—(3)	..	—	2875.25	7431.00	755.00	755.00	938.75
<b>(4) INLAND WATER TRANSPORT (305600):</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	—	19.46	25.00	2.00	2.00	5.00
(iv) Schemes sanctioned/committed in 1990-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
Total—(4)	..	—	19.46	25.00	2.00	2.00	5.00

1	2	3	4	5	6	7	8
<b>(5) OTHER TRANSPORT SERVICES (307500):</b>							
<b>(a) Ropeways/Cablesways:</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	—	17.97	247.60	24.80	24.80	49.60
(iv) Schemes sanctioned/committed in 1990-91	..	—	—	2.40	0.20	0.20	0.40
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(a)</b>	..	—	17.97	250.00	25.00	25.00	50.00
<b>(b) I.M.T. STUDIES:</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	—	2.31	300.00	5.00	5.00	35.00
(iv) Schemes sanctioned/committed in 1990-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(b)</b>	..	—	2.31	300.00	5.00	5.00	35.00
<b>Sub-Total—(a &amp; b)</b>	..	—	20.26	550.00	30.00	30.00	85.00
<b>Total—VII</b>	..	—	—	35556.00	4612.00	4612.00	6068.75
<b>VIII. Tele-Communication</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed schemes as on 31-1990 (spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	—	—	—	—	—	—
(iv) Schemes sanctioned/committed on 1990-91	..	—	—	350.00	50.00	50.00	60.00
(v) New schemes	..	—	—	—	—	—	—
<b>Total—(b)</b>	..	—	—	350.00	50.00	50.00	60.00
<b>IX. Science, Technology and environment (109 0000 00):</b>							
<b>(a) Scientific Research (109 3425 00):</b>							
(i) Schemes aimed at maximising benefits from existing capacity	..	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going schemes	..	—	—	600.00	16.00	16.00	100.00
(iv) Schemes sanctioned/committed in 1990-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(a)</b>	..	—	—	600.00	16.00	16.00	100.00

1	2	3	4	5	6	7	8
<b>(b) Forensic Lab.</b>							
(i) Schemes aimed at maximising benefits from existing capacity		—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)		—	—	—	—	—	—
(iii) Critical on going schemes		—	—	—	—	—	—
(iv) Schemes sanctioned/committed in 1990-91		—	—	—	—	—	—
(v) New Schemes		—	—	200.00	—	—	50.00
<b>Total—(b)</b>		—	—	200.00	—	—	50.00
<b>(c) Ecology and Environment (343500):</b>							
(i) Schemes aimed at maximising benefits from existing capacity		—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)		—	—	—	—	—	—
(iii) Critical on going schemes		—	—	20.00	5.00	5.00	4.00
(iv) Schemes sanctioned/committed in 1990-91		—	—	—	—	—	—
(v) New Schemes		—	—	80.00	—	—	11.00
<b>Total—(c)</b>		—	63.68	100.00	5.00	5.00	15.00
<b>(d) Water and Air Pollution Board (04):</b>							
(i) Schemes aimed at maximising benefits from existing capacity		—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)		—	—	—	—	—	—
(iii) Critical on going schemes		—	27.75	150.00	15.00	15.00	25.00
(iv) Schemes sanctioned/committed in 1990-91		—	—	—	—	—	—
(v) New Schemes		—	—	—	—	—	—
<b>Total—(d)</b>		—	27.75	150.00	15.00	15.00	25.00
<b>Total—IX</b>		—	—	1050.00	36.00	36.00	190.00
<b>X. General Economic Services (110 0000)</b>							
<b>(1) SECRETARIAT ECONOMIC SERVICES (100 345100)</b>							
(i) Schemes aimed at maximising benefits from existing capacity		—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)		—	—	—	—	—	—
(iii) Critical on going schemes		—	196.66	400.00	68.00	68.00	80.00
(iv) Schemes sanctioned/committed in 1990-91		—	—	—	—	—	—
(v) New Schemes		—	—	—	—	—	—
<b>Total—(1)</b>		—	196.66	400.00	68.00	68.00	80.00
<b>(2) TOURISM (3452 00)</b>							
(i) Schemes aimed at maximising benefits from existing capacity		—	—	—	—	—	—
(ii) Completed schemes as on 31-2-1990 (spill over liability)		—	—	—	—	—	—
(iii) Critical on going schemes		—	636.67	1325.00	215.00	215.00	240.00
(iv) Schemes sanctioned/committed in 1990-91		—	—	—	—	—	—
(v) New Schemes		—	—	1000.00	—	—	160.00
<b>Total—(2)</b>		—	636.67	2325.00	215.00	215.00	400.00

1	2	3	4	5	6	7	8
<b>(3) SURVEY AND STATISTICS (3454 00):</b>							
(i)	Schemes aimed at maximising benefits from existing capacity	—	—	—	—	—	—
(ii)	Completed schemes as on 31-3-1990 (spill over liability)	—	—	—	—	—	—
(iii)	Critical on going schemes	—	44.14	85.50	15.00	15.00	15.40
(iv)	Schemes sanctioned/committed in 1990-91	—	—	—	—	—	—
(v)	New Schemes	—	—	4.50	—	—	2.20
	<b>Total—(3)</b>	—	<b>44.14</b>	<b>90.00</b>	<b>15.00</b>	<b>15.00</b>	<b>17.60</b>
<b>(4) CIVIL SUPPLIES (3455 00)</b>							
(i)	Schemes aimed at maximising benefits from existing capacity	—	—	—	—	—	—
(ii)	Completed schemes as on 31-3-1990 (spill over liability)	—	—	—	—	—	—
(iii)	Critical on going schemes	—	265.32	515.00	57.00	57.00	100.00
(iv)	Schemes sanctioned/committed in 1990-91	—	—	3150.00	500.00	500.00	630.00
(v)	New Schemes	—	—	—	—	—	—
	<b>Total—(4)</b>	—	<b>265.32</b>	<b>3665.00</b>	<b>557.00</b>	<b>557.00</b>	<b>730.00</b>
<b>(5) WEIGHTS AND MEASURES (3070)</b>							
(i)	Schemes aimed at maximising benefits from existing capacity	—	—	—	—	—	—
(ii)	Completed schemes as on 31-3-1990 (spill over liability)	—	—	—	—	—	—
(iii)	Critical on going schemes	—	17.55	47.00	7.00	7.00	9.00
(iv)	Schemes sanctioned/committed in 1990-91	—	—	—	—	—	—
(v)	New Schemes	—	—	—	—	—	—
	<b>Total—(5)</b>	—	<b>17.55</b>	<b>47.00</b>	<b>7.00</b>	<b>7.00</b>	<b>9.00</b>
<b>(6) OTHER GENERAL SERVICES (3475 00)</b>							
<b>(a) Institutional Finance:</b>							
(i)	Schemes aimed at maximising benefits from existing capacity	—	—	—	—	—	—
(ii)	Completed schemes as on 31-3-1990 (spill over liability)	—	—	—	—	—	—
(iii)	Critical on going schemes	—	23.92	50.00	6.00	6.00	10.00
(iv)	Schemes sanctioned/committed in 1990-91	—	—	—	—	—	—
(v)	New Schemes	—	—	—	—	—	—
	<b>Total—(a)</b>	—	<b>23.92</b>	<b>50.00</b>	<b>6.00</b>	<b>6.00</b>	<b>10.00</b>
<b>(b) District Planning:</b>							
(i)	Schemes aimed at maximising benefits from existing capacity	—	—	—	—	—	—
(ii)	Completed schemes as on 31-3-1990 (spill over liability)	—	—	—	—	—	—
(iii)	Critical on going schemes	—	1215.30	5038.00	1276.00	1276.00	653.65
(iv)	Schemes sanctioned/committed in 1990-91	—	—	—	—	—	—
(v)	New Schemes	—	—	—	—	—	—
	<b>Total—(b)</b>	—	<b>1215.30</b>	<b>5038.00</b>	<b>1276.00</b>	<b>1276.00</b>	<b>653.65</b>
	<b>Total—X</b>	—	—	<b>11615.00</b>	<b>2144.00</b>	<b>2144.00</b>	<b>1900.25</b>
	<b>Total—A—(Economic Services)</b>	—	—	<b>205984.00</b>	<b>24059.00</b>	<b>24059.00</b>	<b>35813.60</b>

1	2	3	4	5	6	7	8
<b>(B) SOCIAL SERVICES (200 0000):</b>							
<b>XI. Education (221 0000):</b>							
<b>(1) PRIMARY EDUCATION (221 2202 01):</b>							
(i) Schemes aimed at maximising benefits from existing capacity	—	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)	—	—	—	—	—	—	—
(iii) Critical on going schemes	—	1860.73	4327.42	487.40	487.40	837.18	
(iv) Sanctioned/committed schemes 1990-91	—	—	143.58	32.60	32.60	2.82	
(v) New Schemes	—	—	—	—	—	—	
<b>Total—(1)</b>	—	<b>1860.73</b>	<b>4471.00</b>	<b>520.00</b>	<b>520.00</b>	<b>840.00</b>	
<b>(2) GENERAL AND UNIVERSITY EDUCATION (OTHER THAN PRIMARY) (221 2201 01):</b>							
(i) Schemes aimed at maximising benefits from existing capacity	—	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)	—	—	—	—	—	—	—
(iii) Critical on going schemes	—	5965.64	18441.75	2730.00	2730.00	3518.78	
(iv) Schemes sanctioned/committed in 1990-91	—	—	358.25	—	—	16.22	
(v) New Schemes	—	—	—	—	—	—	
<b>Total—(2)</b>	—	<b>5965.64</b>	<b>18800.00</b>	<b>2730.00</b>	<b>2730.00</b>	<b>3535.00</b>	
<b>(3) TECHNICAL EDUCATION (2203 00):</b>							
(i) Schemes aimed at maximising benefits from existing capacity	—	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)	—	—	—	—	—	—	—
(iii) Critical on going schemes	—	1168.61	2634.11	423.00	423.00	368.50	
(iv) Schemes sanctioned/committed in 1990-91	—	—	13.12	2.00	2.00	5.00	
(v) New schemes	—	—	1602.77	—	—	210.44	
<b>Total—(3)</b>	—	<b>1168.61</b>	<b>4250.00</b>	<b>425.00</b>	<b>425.00</b>	<b>584.00</b>	
<b>(4) YOUTH SERVICES AND SPORTS (2404 00):</b>							
(i) Schemes aimed at maximising benefits from existing capacity	—	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)	—	—	—	—	—	—	—
(iii) Critical on going schemes	—	427.53	724.55	65.00	65.00	129.00	
(iv) Schemes sanctioned/committed in 1990-91	—	—	—	—	—	—	
(v) New Schemes	—	—	150.45	—	—	1.00	
<b>Total—(4)</b>	—	<b>427.53</b>	<b>875.00</b>	<b>65.00</b>	<b>65.00</b>	<b>130.00</b>	
<b>(5) ARTS AND CULTURE (220 500):</b>							
(i) Schemes aimed at maximising benefits from existing capacity	—	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)	—	—	—	—	—	—	—
(iii) Critical on going schemes	—	510.70	675.00	98.00	98.00	115.00	
(iv) Schemes sanctioned/committed in 1990-91	—	—	—	—	—	—	
(v) New Schemes	—	—	—	—	—	—	
<b>Total—(5)</b>	—	<b>510.70</b>	<b>675.00</b>	<b>98.00</b>	<b>98.00</b>	<b>115.00</b>	



1	2	3	4	5	6	7	8
<b>(6) OTHERS:</b>							
<b>(a) Mountaineering and Allied Sports:</b>							
(i) Schemes aimed at maximising benefits from existing capacity		—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)		—	—	—	—	—	—
(iii) Critical on going schemes		—	116.81	235.00	40.00	40.00	52.00
(iv) Schemes sanctioned/committed in 1990-91		—	—	—	—	—	—
(v) New Schemes		—	—	35.00	—	—	8.00
Total—(a)		—	116.81	270.00	40.00	40.00	60.00
<b>(b) Gazetteer:</b>							
(i) Schemes aimed at maximising benefits from existing capacity		—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)		—	—	—	—	—	—
(iii) Critical on going schemes		—	19.20	30.00	7.00	7.00	6.00
(iv) Schemes sanctioned/committed in 1990-91		—	—	—	—	—	—
(v) New Schemes		—	—	—	—	—	—
Total—(b)		—	19.20	30.00	7.00	7.00	6.00
Sub-Total—( a + b)		—	—	300.00	47.00	47.00	66.00
Total—XI—(Education and Allied)		—	—	29371.00	3885.00	3885.00	5270.00
<b>XII. Health (222 2210 00):</b>							
<b>(1) ALLOPATHY:</b>							
Schemes aimed at maximising benefits from existing capacity		—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)		—	—	—	—	—	—
(iii) Critical on going schemes		—	3194.95	8396.00	905.00	905.00	1738.00
(iv) Schemes sanctioned/committed in 1990-91		—	—	1852.00	—	—	192.00
(v) New Schemes		—	—	—	—	—	—
Total—(1)		—	3194.95	10248.00	905.00	905.00	1930.00
<b>(2) AYURVEDA AND OTHER 15</b>							
(i) Schemes aimed at maximising benefits from existing capacity		—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)		—	—	—	—	—	—
(iii) Critical on going schemes		—	422.28	1431.95	145.00	145.00	283.50
(iv) Schemes sanctioned & committed in 1990—91		—	—	68.05	—	—	6.50
(v) New Schemes		—	—	—	—	—	—
Total—(2)		—	422.28	1500.00	145.00	145.00	290.00
<b>(3) MEDICAL EDUCATION:</b>							
(i) Schemes aimed at maximising benefits from existing capacity		—	—	—	—	—	—
(ii) Completed schemes as on 31-3-1990 (spill over liability)		—	—	—	—	—	—
(iii) Critical on going schemes		—	729.63	1500.00	215.00	215.00	270.00
(iv) Schemes sanctioned/committed in 1990-91		—	—	—	—	—	—
(v) New Schemes		—	—	—	—	—	—
Total—(3)		—	729.63	1500.00	215.00	215.00	270.00
Total—XII.—(Health)		—	4346.86	13248.00	1265.00	1265.00	2490.00

1	2	3	4	5	6	7	8
<b>XIII. Water Supply and Sanitation (223 2215 00) :</b>							
<b>(1) WATER SUPPLY :</b>							
<b>(a) Urban Water Supply :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity ..			—				—
(ii) Completed Schemes as on 31-3-90 (Spill over liability) ..			—	—	—	—	—
(iii) Critical on going Scheme ..		701.50	5000.00	717.00	717.00	717.00	600.00
(iv) Schemes Sanctioned/Committed in 90-91 ..		—	—	—	—	—	—
(v) New Schemes ..		—	—	—	—	—	—
<b>Total—(a)</b> ..		<b>701.50</b>	<b>5000.00</b>	<b>717.00</b>	<b>717.00</b>	<b>717.00</b>	<b>600.00</b>
<b>(b) Rural Water Supply :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity ..		—	1750.00	350.50	350.50	350.50	360.00
(ii) Completed Schemes as on 31-3-90 (Spill over liability) ..		—	200.00	25.00	25.00	25.00	35.00
(iii) Critical on going Schemes ..		8085.54	23320.00	1525.84	1525.84	1525.84	4005.00
(iv) Schemes Sanctioned/Committed in 90-91 ..		—	480.00	406.66	406.66	406.66	10.00
(v) New Schemes ..		—	—	—	—	—	—
<b>Total—(b)</b> ..		<b>8085.54</b>	<b>25750.00</b>	<b>2308.00</b>	<b>2308.00</b>	<b>2308.00</b>	<b>4410.00</b>
<b>TOTAL—(WATER SUPPLY)</b> ..		<b>8787.04</b>	<b>30750.00</b>	<b>3025.00</b>	<b>3025.00</b>	<b>3025.00</b>	<b>5010.00</b>
<b>(2) SEWERAGE AND SANITATION :</b>							
<b>(a) Sewerage :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity ..		—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over existing liability) ..		—	—	—	—	—	—
(iii) Critical on going Schemes ..		114.47	2250.00	90.00	90.00	90.00	100.00
(iv) Schemes Sanctioned/Committed in 90-91 ..		—	—	—	—	—	—
(v) New Schemes ..		—	—	—	—	—	—
<b>Total—(a)</b> ..		<b>114.47</b>	<b>2250.00</b>	<b>90.00</b>	<b>90.00</b>	<b>90.00</b>	<b>100.00</b>
<b>(b) Rural Sanitation :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity ..		—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability) ..		—	—	—	—	—	—
(iii) Critical on going Schemes ..		177.36	625.00	20.00	20.00	20.00	125.00
(iv) Schemes Sanctioned/Committed in 90-91 ..		—	—	—	—	—	—
(v) New Schemes ..		—	—	—	—	—	—
<b>Total—(b)</b> ..		<b>177.36</b>	<b>625.00</b>	<b>20.00</b>	<b>20.00</b>	<b>20.00</b>	<b>125.00</b>

1	2	3	4	5	6	7	8
<b>(c) Low Cost Sanitation :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going Schemes	..	92.47	190.00	15.00	15.00	38.00	—
(iv) Schemes Sanctioned/Committed in 90-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(c)</b>	..	<b>92.47</b>	<b>190.00</b>	<b>15.00</b>	<b>15.00</b>	<b>38.00</b>	<b>—</b>
<b>TOTAL—(Sewerage and Sanitation)</b>	..	<b>384.30</b>	<b>3065.00</b>	<b>125.00</b>	<b>125.00</b>	<b>263.00</b>	<b>—</b>
<b>(3) HOUSING (INCLUDING POLICE HOUSING) (223 2216 00) :</b>							
<b>(a) Pooled Government Housing :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going Schemes	..	1805.02	1380.00	201.30	201.30	235.00	—
(iv) Schemes Sanctioned/Committed in 90-91	..	—	120.00	18.70	18.70	25.00	—
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(a)</b>	..	<b>1805.02</b>	<b>1500.00</b>	<b>220.00</b>	<b>220.00</b>	<b>260.00</b>	<b>—</b>
<b>(c) Loans to Government Employees :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going Schemes	..	—	670.00	1500.00	—	—	300.00
(iv) Schemes Sanctioned/Committed in 90-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(c)</b>	..	<b>—</b>	<b>670.00</b>	<b>1500.00</b>	<b>—</b>	<b>—</b>	<b>300.00</b>
<b>(d) Housing Department :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical on going Schemes	..	—	561.06	964.00	—	—	214.00
(iv) Schemes Sanctioned/Committed in 90-91	..	—	—	—	930.00	930.00	—
(v) New Schemes :	..	—	—	—	—	—	—
<b>Total—(d)</b>	..	<b>—</b>	<b>561.06</b>	<b>964.00</b>	<b>—</b>	<b>—</b>	<b>214.00</b>
<b>(e) Rural Housing :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity	..	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	..	—	—	—	—	—	—
(iii) Critical Schemes	..	—	77.48	125.00	—	—	20.00
(iv) Schemes Sanctioned/Committed in 90-91	..	—	—	—	—	—	—
(v) New Schemes	..	—	—	—	—	—	—
<b>Total—(e)</b>	..	<b>—</b>	<b>77.48</b>	<b>125.00</b>	<b>—</b>	<b>—</b>	<b>20.00</b>
<b>TOTAL—(HOUSING)</b>	..	<b>—</b>	<b>3113.56</b>	<b>4089.00</b>	<b>1150.00</b>	<b>1150.00</b>	<b>794.00</b>

1	2	3	4	5	6	7	8
<b>(4) URBAN DEVELOPMENT :</b>							
<b>(a) Town and Country Planning :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity	—	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	—	—	—	—	—	—	—
(iii) Critical on going Schemes	—	242.80	500.00	55.00	55.00	70.00	—
(iv) Schemes Sanctioned/Committed in 90-91	—	—	—	—	—	—	—
(v) New Schemes	—	—	—	—	—	—	—
<b>Total—(a)</b>	—	<b>242.80</b>	<b>500.00</b>	<b>55.00</b>	<b>55.00</b>	<b>70.00</b>	—
<b>(b) Environmental Improvement of Slums :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity	—	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	—	—	—	—	—	—	—
(iii) Critical on going Schemes	—	102.00	180.00	40.00	40.00	48.00	—
(iv) Schemes Sanctioned/Committed in 90-91	—	—	—	—	—	—	—
(v) New Schemes	—	—	—	—	—	—	—
<b>Total—(b)</b>	—	<b>102.00</b>	<b>180.00</b>	<b>40.00</b>	<b>40.00</b>	<b>48.00</b>	—
<b>(c) G. I. A. to Local Bodies and Directorate of U. L. B. :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity	—	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	—	—	—	—	—	—	—
(iii) Critical on going Schemes	—	328.59	1075.00	80.00	80.00	218.00	—
(iv) Schemes Sanctioned/Committed in 90-91	—	—	—	—	—	—	—
(v) New Schemes	—	—	—	—	—	—	—
<b>Total—(c)</b>	—	<b>328.59</b>	<b>1075.00</b>	<b>80.00</b>	<b>80.00</b>	<b>218.00</b>	—
<b>(d) Urban Development Authority :</b>							
(i) Schemes aimed at maximising benefits from existing Capacity	—	—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-90 (Spill over liability)	—	—	—	—	—	—	—
(iii) Critical on going Schemes	—	1035.00	250.00	260.00	260.00	50.00	—
(iv) Schemes Sanctioned	—	—	—	—	—	—	—
(v) New Schemes	—	—	—	—	—	—	—
<b>Total—(d)</b>	—	<b>1035.00</b>	<b>250.00</b>	<b>260.00</b>	<b>260.00</b>	<b>50.00</b>	—
<b>TOTAL/Urban Development)</b>	—	<b>1708.39</b>	<b>2005.00</b>	<b>435.00</b>	<b>435.00</b>	<b>386.00</b>	—
<b>TOTAL—XIII</b>	—	—	<b>3999.00</b>	<b>4735.00</b>	<b>4735.00</b>	<b>645.00</b>	—
<b>XIV. Information and Publicity (224 2220 00):</b>							
(i) Schemes aimed at maximising benefits from existing Capacity	—	—	—	—	—	—	—
(ii) Completed schemes as on 31-3-90 (spill over liability)	—	—	—	—	—	—	—
(iii) Critical on going schemes	—	336.10	500.00	100.00	100.00	90.00	—
(iv) Schemes Sanctioned/Committed in 1990-91	—	—	30.00	—	—	6.00	—
(v) New Schemes	—	—	—	—	—	—	—
<b>Total—(XIV)</b>	—	<b>336.10</b>	<b>530.00</b>	<b>100.00</b>	<b>100.00</b>	<b>105.00</b>	—

1	2	3	4	5	6	7	8
<b>XV. Welfare of S.Cs./S.T.s OBC's.</b>							
<b>1. WELFARE OF BACKWARD CLASSES;</b>							
(i) Schemes aimed at maximising benefits from existing Capacity							
(ii) Completed Schemes as on 31-3-90 (spill over liability)							
(iii) Critical on going Schemes	393.64	1000.00	125.00	125.00	179.00		
(iv) Schemes Sanctioned/Committed in 1990-91							
(v) New Schemes							
Total—(I)	393.64	1000.00	125.00	125.00	179.00		
<b>2. Sc/ST Dev. CORPN.</b>							
(i) Schemes aimed at maximising benefits from existing capacity							
(ii) Completed Schemes as on 31-3-1990 (Spill over liability)							
(iii) Critical on going Schemes	167.73	200.00	35.00	35.00	40.00		
(iv) Schemes Sanctioned/Sommitted in 1990-91							
(v) New Schemes							
Total—(2)	167.73	200.00	35.00	35.00	40.00		
Total—(XV)	561.37	1200.00	160.00	160.00	219.00		
<b>XVI. Labour and Employment (226 2230 00):</b>							
(i) Schemes aimed at maximising benefits from existing capacity							
(ii) Completed Schemes as on 31-3-1990 (Spill over liability)							
(iii) Critical on going Schemes	105.45	279.00	45.00	45.00	55.00		
(iv) Schemes/Sanctioned/Committed in 1990-91							
(v) New Schemes		16.00			3.00		
Total—(XVI)	105.45	295.00	45.00	45.00	58.00		
<b>XVI. Social Welfare :</b>							
<b>(1) SOCIAL WELFARE (227 2236 00)</b>							
(i) Schemes aimed at maximising benefits from existing Capacity							
(ii) Completed Schemes as on 31-3-1990 (Spill over Liability)							
(iii) Critical on going Schemes	268.27	4650.00	850.00	850.00	910.00		
(iv) Schemes Sanctioned/Committed in 1990-91							
(v) New Schemes							
Total (1)	268.27	4650.00	850.00	850.00	910.00		
<b>(2) S.N.P. INCLUDING I.C.D.S. (227 2236 00):</b>							
(i) Schemes aimed at maximising benefits from existing capacity							
(ii) Completed Schemes as on 31-3-1990 (Spill over liability)							
(iii) Critical on going Schemes	603.53	2900.00	225.00	225.00	415.00		
(iv) Schemes Sanctioned/Committed in 1990-91							
(v) New Schemes							
Total—(2)	603.53	2900.00	225.00	225.00	415.00		
Total—XVI	871.80	7550.00	1075.00	1075.00	1315.00		
Total—(B) (Social Services)		92103.00	11265.00	11265.00	15910.00		

	1	2	3	4	5	6	7	8
<b>(C) Geenal Services</b>								
<b>(1) JAILS (342 2056 00)</b>								
(i) Schemes aimed at maximising benefits from existing capacity				—	—	—	—	—
(ii) Completed Schemes as on 31-3-1990 (Spill over liability)				—	—	—	—	—
(iii) Critical on going Schemes				—	—	—	—	—
(iv) Schemes Sanctioned/Committed in 1990-91					285.00			45.00
(v) New Schemes					35.00			
<b>Total</b>					<b>320.00</b>			<b>45.00</b>
<b>(2) STATIONERY AND PRINTING (2058 00)</b>								
(i) Schemes aimed at maximising benefits from existing capacity				—	—	—	—	—
(ii) Completed Schemes as on 31-3-1990 (Spill over liability)				—	—	—	—	—
(iii) Critical on going Schemes			270.06	310.00	60.00	60.00	80.00	
(iv) Schemes Sanctioned/Committed in 1990-91			—	—	—	—	—	—
(v) New Schemes			—	240.00	—	—	20.00	
<b>Total—(2)</b>			<b>270.06</b>	<b>550.00</b>	<b>60.00</b>	<b>60.00</b>	<b>100.00</b>	
<b>(3) PUBLIC WORKS (POOLED NON-RESIDENTIAL GOVT. BLDG.) 2059 00)</b>								
(i) Schemes aimed at maximising benefits from existing capacity			—	—	—	—	—	—
(ii) Completed Schemes as on 31-3-1990 (Spill over liability)			—	—	—	—	—	—
(iii) Critical on going schemes			2139.37	2355.00	486.00	486.00	455.00	
(iv) Schemes Sanctioned/Committed in 1990-91			—	95.00	14.00	14.00	20.00	
(v) New Schemes			—	—	—	—	—	—
<b>Total—(3)</b>			<b>2139.37</b>	<b>2450.00</b>	<b>500.00</b>	<b>500.00</b>	<b>475.00</b>	
<b>(4) OTHER; (2070 00)</b>								
<b>(a) HIPA</b>								
(i) Schemes aimed at maximising benefits from existing capacity				—	—	—	—	—
(ii) Completed Schemes as on 31-3-1990 (Spill over liability)				—	—	—	—	—
(iii) Critical on going Schemes			105.61	300.00	30.00	30.00	50.00	
(iv) Schemes Sanctioned/Committed in 1990-91			—	—	—	—	—	—
(v) New Schemes			—	—	—	—	—	—
<b>Total—(a)</b>			<b>105.61</b>	<b>300.00</b>	<b>30.00</b>	<b>30.00</b>	<b>50.00</b>	
<b>b) Nucleus Budget for Tribal Areas</b>								
(i) Schemes aimed at maximising benefits from existing capacity				—	—	—	—	—
(ii) Completed Schemes as on 31-3-1990 (Spill over liability)				—	—	—	—	—
(iii) Critical on going Schemes			177.96	265.00	53.00	53.00	53.00	
(iv) Schemes Sanctioned/Committed in 1990-91			—	—	—	—	—	—
(v) New schemes			—	—	—	—	—	—
<b>Total—(b)</b>			<b>177.96</b>	<b>265.00</b>	<b>53.00</b>	<b>53.00</b>	<b>53.00</b>	

1	2	3	4	5	6	7	8
<b>(C) TRIBAL DEV. MACHINERY</b>							
(i) Schemes aimed at maximising benefits from existing capacity			—	—	—	—	—
(ii) Completed Schemes as on 31-3-1990 (Spill over liability)			—	—	—	—	—
(iii) Critical on going Schemes		29.27	53.00	7.00	7.00	9.00	
(iv) Schemes Sanctioned/Committed in 1990-91		—	—	—	—	—	—
(v) New Schemes		—	—	—	—	—	—
<b>Total—(c)</b>		<b>29.27</b>	<b>53.00</b>	<b>7.00</b>	<b>7.00</b>	<b>9.00</b>	
<b>(d) Equity to Ex-servitee men Corpn. including Pexsem</b>							
(i) Schemes aimed at maximising benefits for existing capacity			—	—	—	—	—
(ii) Completed Schemes as on 31-3-1990 (Spill over liability)			—	—	—	—	—
(iii) Critical on going Schemes		103.52	175.00	26.00	26.00	35.00	
(iv) Schemes Sanctioned/Committed in 1990-91		—	—	—	—	—	—
(v) New Schemes		—	—	—	—	—	—
<b>Total—(d)</b>		<b>103.52</b>	<b>175.00</b>	<b>26.00</b>	<b>26.00</b>	<b>35.00</b>	
<b>Total—(c) (General Services)</b>		<b>2825.79</b>	<b>4113.00</b>	<b>676.00</b>	<b>676.00</b>	<b>767.00</b>	
(i) Schemes aimed at maximising benefits from existing capacity			2939.00	572.01	572.01	511.00	
(ii) Completed Schemes as on 31-3-1990 (Spill over liability)			370.00	52.00	52.00	95.00	
(iii) Critical on going Schemes			266061.38	31756.65	31756.65	46042.92	
(iv) Schemes Sanctioned/Committed in 1990-91			21510.10	3602.34	3602.34	4407.52	
(v) New Schemes			11719.52	17.00	17.00	1543.56	
<b>Grand Total (A+B+C)</b>			<b>302200.00</b>	<b>36000.00</b>	<b>36000.00</b>	<b>52000.00</b>	

**OUTLAYS AND EXPENDITURE BY HEADS OF DEVELOPMENT**

(Rupees in lakhs)

Code No.	Major Heads/Minor Heads of Development	8th Plan 1990-95		Annual Plan 1990-91			Annual Plan 1991-92		Allocation for District Plan		
		Proposed outlay	of which capital content	Approved outlay	Budgeted outlay	of which capital content	Proposed outlay	of which capital content	Eighth Plan	1990-91	1991-92
1	2	3	4	5	6	7	8	9	10	11	12
<b>A. ECONOMIC SERVICES :</b>											
<b>1. AGRICULTURE AND ALLIED ACTIVITIES :</b>											
<b>1012401 00 Crop Husbandry :</b>											
	(a) Agriculture	7384.00	315.00	1089.00	1097.00	73.50	1453.00	115.00	4007.86	472.73	911.35
	(b) Horticulture	5106.00	1355.00	586.00	586.00	99.71	1054.00	323.75	3022.00	486.90	559.50
	(c) Dry Land Farming	125.00	—	25.00	25.00	—	25.00	—	122.50	24.50	24.50
	Sub-Total	12615.00	1670.00	1700.00	1708.00	173.21	2532.00	438.75	7152.36	984.13	1495.35
<b>2402 00 Soil and Water Conservation:</b>											
	(a) Agriculture	1978.00	—	197.00	189.00	—	339.00	—	1706.90	170.00	320.00
	2406 01 (d) Forest	4049.00	—	125.00	125.00	—	812.00	—	3181.36	98.21	638.00
	101 Sub-Total	6027.00	—	322.00	314.00	—	1151.00	—	4888.26	268.21	958.00
	2403 00 Animal Husbandry	1970.00	237.00	256.00	256.00	29.16	314.00	28.00	1359.00	149.15	240.60
	2404 00 Dairy Development	625.00	30.00	100.00	100.00	9.60	115.00	9.00	625.00	100.00	115.00
	2405 00 Fisheries	800.00	335.00	118.00	118.00	42.50	150.00	56.70	653.00	104.49	124.10
	2406 00 Forestry and Wildlife										
	(a) Forestry	22315.00	1100.00	2565.00	2565.00	66.25	3570.00	190.00	20581.00	2330.00	3230.00
	(b) Wild life	1560.00	714.00	105.00	105.00	18.08	280.00	138.00	1439.60	96.90	258.39
	Sub-Total	23875.00	1814.00	2670.00	2670.00	84.33	3850.00	328.00	22020.60	2426.90	3488.39
<b>2415 00 Agriculture Research and Education :</b>											
	(a) Agriculture	1025.00	—	127.00	127.00	—	174.00	—	—	—	—
	(b) Horticulture	975.00	—	127.00	127.00	—	170.00	—	—	—	—
	(c) Animal Husbandry	475.00	—	83.00	83.00	—	90.00	—	—	—	—
	(d) Forests	560.00	—	88.00	88.00	—	100.00	—	—	—	—
	(e) Fisheries	35.00	—	5.00	5.00	—	6.00	—	—	—	—
	Sub-Total	3070.00	—	430.00	430.00	—	540.00	—	—	—	—

\*Reconciled figures.



1	2	3	4	5	6	7	8	9	10	12	11
2416	00 Investment in Agriculture Financial Institutions :										
	(a) Agriculture	50.00	50.00	10.00	10.00	10.00	10.00	10.00	—	—	—
	(b) Horticulture	150.00	150.00	123.00	123.00	123.00	20.00	20.00	—	—	—
	Sub-Total	200.00	200.00	133.00	133.00	133.00	30.00	30.00	—	—	—
2435	01 Marketing and quality Control :										
	(a) Agriculture	250.00	130.00	24.00	24.00	17.00	54.00	45.00	—	0.95	1.50
	(b) Horticulture	3840.00	40.00	475.00	475.00	10.00	510.00	—	—	—	—
	Sub-Total	4090.00	170.00	499.00	499.00	27.00	564.00	45.00	—	0.95	1.50
2435	60 Others :										
	(a) Loans to cultivators other than Horticulture Loans	5.00	—	1.00	1.00	—	1.00	—	—	—	—
2425	00 Co-operation	2150.00	1058.00	197.00	197.00	78.95	320.00	85.20	1576.00	253.00	296.88
1010000	00 Total—(I)	55427.00	5514.00	6426.00	6426.00	577.75	9567.00	1020.65	38274.22	4286.83	6719.82
	II. RURAL DEVELOPMENT :										
102	2501 00 Special Programme for Rural Development :										
	(a) Antyodaya	425.00	—	—	—	—	105.00	—	—	—	—
2501	01 (b) Integrated Rural Development Programme (IRDP) and Allied Programmes	1500.00	—	136.00	136.00	—	280.00	—	1365.00	118.50	242.50
	Sub-Total	1925.00	—	136.00	136.00	—	385.00	—	1365.00	118.50	242.50
2501	04 (b) Integrated Rural Energy Programme (IREP)-	570.00	—	70.00	70.00	—	418.00	—	505.00	61.70	98.00
	Sub-Total	2495.00	—	206.00	206.00	—	503.00	—	1870.00	180.20	340.50
102	2505 00 Rural Employment :										
	(a) J.R.Y.	5014.00	—	254.00	254.00	—	1067.00	—	5014.00	227.00	1055.00
	(b) S.E.P.	2000.00	—	—	—	—	450.00	—	2000.00	—	450.00
	Sub-Total	7014.00	—	254.00	254.00	—	1517.00	—	7014.00	227.00	1505.00

102	2506	00	Land Reforms :										
			(a) Cadastral Survey and Record of Rights	1540.00	40.00	245.00	245.00	—	290.00	10.00	1540.00	245.00	290.00
			(b) Supporting Services	5.00	—	1.00	1.00	—	1.00	—	—	—	—
			(c) Consolidation of Holdings	886.00	—	138.00	138.00	—	154.00	—	43.81	17.00	19.00
			(d) Strengthening of LRA	730.00	—	80.00	80.00	—	135.00	—	696.82	76.36	128.86
			(e) Revenue Housing	60.00	60.00	5.00	5.00	5.00	10.00	10.00	60.00	5.00	10.00
			(f) Forestry Settlement	190.00	—	31.00	31.00	—	35.00	—	190.00	31.00	35.00
			Sub-Total—(2506.00)	3411.00	100.00	500.00	500.00	5.00	625.00	20.00	2530.63	374.36	482.86
2515		00	Others:										
			1. Community Development	750.00	—	95.00	95.00	—	127.00	—	240.00	37.20	—
			2. Panchayats	780.00	—	71.00	71.00	—	139.00	—	736.70	66.00	121.04
102	0000	00	Total—II	14450.00	100.00	1126.00	1126.00	5.00	2911.00	20.00	12391.33	884.76	2449.40
103	0000	00	III. Special Area Programme D.D.P.	1500.00	1500.00	—	—	—	180.00	180.00	1500.00	—	180.00
			IV. IRRIGATION AND FLOOD CONTROL :										
104	2701	00	Major and Medium Irrigation	1765.00	1450.00	270.00	270.00	199.00	307.00	230.00	1350.00	192.00	220.00
2702		00	Minor Irrigation										
			(i) Irrigation and Public Health including USAID and R. D. Components	11000.00	8800.00	2225.00	2225.00	1937.00	3350.00	2995.00	8280.00	1916.00	2952.00
			(ii) Rural Development Department	200.00					35.00				
			Sub-Total	11200.00	8800.00	2225.00	2225.00	1937.00	3385.00	2995.00	8280.00	1916.00	2952.00
2702		00	Command Area Development	410.00	370.00	40.00	40.00	33.00	84.00	77.00	370.00	33.00	77.00
2711		00	Flood Control	600.00	500.00	90.00	90.00	80.00	100.00	90.00	400.00	75.00	75.00
104	000	00	Total—IV	13975.00	11120.00	2625.00	2625.00	2249.00	3876.00	3392.00	10400.00	2216.00	3324.00
			V. ENERGY :										
105	2801	00	Power :										
			(a) Generation	40000.00	40000.00	4550.00	4550.00	4550.00	5518.00	5518.00			
105	2801	05	(b) Transmission and Distribution	10300.00	10300.00	450.00	450.00	450.00	1547.00	1547.00			
105	2801	06	(c) Rural Electrification	4600.00	4600.00	750.00	750.00	750.00	825.00	825.00	4600.00	750.00	825.00
			(d) Survey & Investigation	250.00	250.00	50.00	50.00	50.00	50.00	50.00			
			(e) Board's Buildings	250.00	250.00				50.00	50.00			
			(f) Renovation and Modernisation of Power Houses	600.00	600.00	50.00	50.00	50.00	10.00	10.00			
			Sub-Total (Power)	56000.00	56000.00	5850.00	5850.00	5850.00	8000.00	8000.00	4600.00	750.00	825.00

1	2	3	4	5	6	7	8	9	10	11	12	
105 2810	00	Non-Conventional Energy Sources— Development of New and Renewable Sources of Energy:										
01		Bio-Gas Development	811.00	—	85.00	85.00	—	171.00	—	762.00	78.73	161.00
02 038	60	Solar wind and other energy sources	260.00	—	5.00	5.00	—	55.00	—	240.00	5.00	95.00
		Smokeless Chullah	180.00	—	—	—	—	40.00	—	180.00	—	40.00
105 0000	00	Total—V	57251.00	56000.00	5940.00	5940.00	5850.00	8266.00	8000.00	5782.00	833.73	1121.00
106 0000		VI. INDUSTRIES AND MINERALS :										
106 2851		Village and Small Industries	6552.50		420.00	420.00	552.75	1254.45	613.00	2630.00	314.00	475.00
2852 00		Large and Medium Industries	7857.50	3935.00	650.00	650.00		1524.55				
2853 00		Mining	400.00	—	30.00	30.00	0.50	45.00	—	—	—	—
		Total—(VI)	14810.00	2935.00	1100.00	1100.00	553.25	2824.00	613.00	2630.00	314.00	475.00
*reconciled.												
107 0000		VII. TRANSPORT										
3053 00		Civil Aviation	300.00	45.00	25.00	25.00	6.00	40.00	10.00	—	—	—
3054 00		Road and Bridges	27250.00	27250.00	3800.00	3800.00	3800.00	5000.00	5000.00	9900.00	1291.00	1880.00
3055 00		Road Transport	7431.00	7320.00	755.00	755.00	740.00	938.75	915.00	7431.00	755.00	915.00
3056 00		Inland Water Transport	25.00	10.00	2.00	2.00	—	5.00	—	25.00	2.00	5.00
3075 00		Other Transport Services										
		(a) Ropeways/Cableways	250.00	250.00	25.00	25.00	25.00	50.00	50.00	250.00	25.00	50.00
		(b) I. M. T. Studies	300.00	—	5.00	5.00	—	35.00	—	300.00	3.00	35.00
		Sub-Total (a+b)	550.00	250.00	30.00	30.00	25.00	85.00	50.00	550.00	28.00	85.00
107 0000	00	Total—VII	35556.00	34875.00	4612.00	4612.00	4571.00	6068.75	5975.00	17906.00	2076.00	2885.00
108 0000	00	VIII. COMMUNICATION:										
109 0000		IX. SCIENCE TECHNOLOGY AND ENVIRONMENT										
109 3425	00	(i) Scientific Research	600.00	25.00	16.00	16.00	—	100.00	—	—	—	—
		(iii) Forensic Lab	200.00	—	—	—	—	50.00	—	—	—	—
		Sub-Total	800.00	25.00	16.00	16.00	—	150.00	—	—	—	—
3435 00		Ecology and Environment	100.00	—	5.00	5.00	—	15.00	—	—	—	—
04		Water and Air Pollution Board	150.00	—	15.00	15.00	—	25.00	—	—	—	—
109 0000	00	Total—IX	1050.00	25.00	36.00	36.00	—	190.00	—	—	—	—

**SERVIC B :**

110	3451	00	Secretariat Economic Services	400.00	—	68.00	68.00	—	80.00	—	127.36	21.65	25.47
	3452	00	Tourism	2325.00	1230.00	215.00	215.00	51.00	400.00	211.00	—	—	—
	3454	00	Survey and Statistics	90.00	3.00	15.00	15.00	1.00	17.60	0.50	90.00	15.00	15.90
	3455	00	Civil Supplies	3665.00	265.00	557.00	557.00	18.50	730.00	55.00	180.00	28.70	37.00
	3470	00	Weights & Measures	47.00	—	7.00	7.00	—	9.00	—	35.00	6.00	6.50
	3475	00	Other General Services	—	—	—	—	—	—	—	—	—	—
			(a) Institutional Finance	50.00	—	6.00	6.00	—	10.00	—	—	—	—
			(b) District Planning	5038.00	5038.00	1276.00	1276.00	1276.00	653.65	653.65	5038.00	1276.00	653.65
110	0000	00	Total—X	11615.00	6536.00	2144.00	2144.00	1346.50	1900.25	920.15	5470.36	1347.35	738.52
<b>TOTAL—(A) GENERAL ECONOMIC SERVICES I TO X :—</b>				<b>205984.00</b>	<b>119605.00</b>	<b>24059.00</b>	<b>24059.00</b>	<b>15152.50</b>	<b>35843.00</b>	<b>20120.80</b>	<b>94353.91</b>	<b>11958.67</b>	<b>17892.74</b>
200	0000		<b>IX. (B) SOCIAL SERVICES :</b>										
221	0000		<b>EDUCATION :</b>										
221	2202	01	(A) Primary Education	4471.00	10.00	520.00	520.00	10.00	840.00	—	3256.89	493.29	574.00
221	2201	01	(b) General & University Education (other than Primary)	18800.00	600.00	2730.00	2730.00	66.00	3535.00	100.00	17154.35	2554.45	3210.40
	2203	00	Technical Education	4250.00	1093.15	425.00	425.00	115.45	584.00	177.83	2419.44	217.90	375.33
	2404	00	Youth Services and Sports	875.00	389.49	65.00	65.00	18.40	130.00	50.06	702.04	49.72	95.14
	2205	00	Arts and Culture	675.00	106.00	98.00	98.00	17.00	115.00	16.75	190.50	27.94	33.00
			Others :										
			(a) Mountaineering & Allied Sports	270.00	175.00	40.00	40.00	21.78	60.00	40.00	270.00	40.00	60.00
			(b) Gazetteer	30.00	—	7.00	7.00	—	6.00	—	—	—	—
			Sub-Total	300.00	175.00	47.00	47.00	21.78	66.00	40.00	270.00	40.00	60.00
221	0000	00	Total—Education and Allied	29371.00	2373.64	3885.00	3885.00	248.63	5270.00	384.64	23993.22	3383.30	4347.87
222	2210	00	<b>HEALTH :</b>										
			1. Allopathy	10248.00	983.50	905.00	905.00	174.23	1930.00	204.80	8505.84	751.15	1601.90
			2. Ayurveda and other ISMS	1500.00	114.45	145.00	145.00	30.78	290.00	—	1445.00	136.18	280.00
			3. Medical Education	1500.00	340.00	215.00	215.00	60.00	270.00	80.00	—	—	—
			Total—Health	13248.00	1437.95	1265.00	1265.00	265.01	2490.00	284.80	9950.84	887.33	1881.90

1	2	3	4	5	6	7	8	9	10	11	12
<b>223 2215 00</b>	<b>WATER SUPPLY AND SANITATION :</b>										
	1. Water Supply :										
	(a) Urban Water Supply ..	5000.00	3130.00	717.00	717.00	99.00	600.00	284.00	2544.00	97.00	172.00
	(b) Rural Water Supply :										
	(i) I. & P. H.										
	(ii) Rural Development Deptt. } ..	25750.00	19545.00	2308.00	2308.00	1210.00	4410.00	3246.00	18550.00	1134.00	3046.00
	Sub-Total—(b) ..	25750.00	19545.00	2308.00	2308.00	1210.00	4410.00	3246.00	18550.00	1134.00	3046.00
	Total—Water Supply ..	30750.00	22675.00	3025.00	3025.00	1309.00	5010.00	3530.00	21094.00	1231.00	3218.00
	2. SEWERAGE AND SANITATION :										
	(a) Sewerage ..	2250.00	2200.00	90.00	90.00	90.00	100.00	92.00	2200.00	32.00	92.00
	(b) Rural Sanitation ..	625.00	625.00	20.00	20.00	20.00	125.00	125.00	625.00	20.00	125.00
	(c) Low Cost Sanitation ..	190.00	190.00	15.00	15.00	15.00	38.00	38.00	190.00	15.00	38.00
	Total—Sewerage and Sanitation ..	3065.00	3015.15	125.00	125.00	125.00	263.00	255.00	3015.00	67.00	255.00
<b>223 2216 00</b>	<b>(3) HOUSING (INCLUDING POLICE HOUSING) :</b>										
	(a) Pooled Govt. Housing ..	1350.00	1350.00	220.00	220.00	220.00	235.00	235.00	—	—	—
	(b) Police Housing ..	150.00	150.00	55.00	55.00	55.00	25.00	25.00	—	—	—
	(c) Loans to Govt. Employees ..	1500.00	1500.00	190.00	190.00	190.00	300.00	300.00	—	—	—
	(d) Housing Department ..	964.00	964.00	675.00	675.00	675.00	214.00	214.00	—	—	—
	(e) Rural Housing ..	125.00	125.00	10.00	10.00	10.00	20.00	20.00	125.00	10.00	20.00
	Total—Housing ..	4089.00	4089.00	1150.00	1150.00	1150.00	794.00	125.00	125.00	10.00	20.00
<b>223 2217 00</b>	<b>(4) URBAN DEVELOPMENT :</b>										
	(a) Town and Country Planning ..	500.00	193.00	55.00	55.00	7.88	70.00	8.60	410.00	46.50	52.00
	(b) Environmental Improvement of Slums ..	180.00	180.00	40.00	40.00	40.00	48.00	48.00	180.00	40.00	48.00
	(c) G.I.A. to Local Bodies & Directorate of ULB ..	1075.00	1075.00	80.00	80.00	80.00	218.00	218.00	1005.00	193.50	206.00
	(d) Urban Development Authority ..	250.00	250.00	260.00	260.00	260.00	50.00	50.00	250.00	260.00	50.00
	Total—Urban Development ..	2005.00	1698.00	435.00	435.00	387.88	386.00	324.60	1845.00	540.00	356.00

**& SANITA. DN HOUSING  
AND URBAN DEVELOP-  
MENT**

			39909.00	31477.15	4735.00	4735.00	2971.88	6453.00	4903.60	26079.00	1848.00	3849.00	
224	2220	00	Information & Publicity ..	530.00	80.00	100.00	100.00	28.00	105.00	14.00	295.00	47.65	53.00
225	2225	00	Welfare and SC's/ST's OBC's :										
			1. Welfare of Backward Classes ..	1000.00	—	125.00	125.00	—	179.00	—	709.00	80.27	123.70
			2. SC/ST Development Corpn. ..	200.00	—	35.00	35.00	—	40.00	—	—	—	—
			<b>Total—Welfare of SC's/ST's OBC's ..</b>	<b>1200.00</b>	<b>—</b>	<b>160.00</b>	<b>160.00</b>	<b>—</b>	<b>219.00</b>	<b>—</b>	<b>709.00</b>	<b>80.27</b>	<b>123.70</b>
226	2230	00	Labour & Employment ..	295.00	20.00	45.00	45.00	5.76	58.00	6.00	274.38	42.84	20.62
			<b>SOCIAL WELFARE :</b>										
227	2235	00	Social Welfare ..	4650.00	—	850.00	850.00	—	910.00	—	4046.00	771.31	792.50
227	2236	00	S. N.P. Including ICDS ..	2900.00	—	225.00	225.00	—	485.00	—	2900.00	225.00	485.00
			<b>Total—Social Welfare ..</b>	<b>7550.00</b>	<b>—</b>	<b>1075.00</b>	<b>1075.00</b>	<b>—</b>	<b>1395.00</b>	<b>—</b>	<b>6946.00</b>	<b>996.31</b>	<b>1277.50</b>
200	0000	00	<b>TOTAL—(B) SOCIAL SERVICES ..</b>	<b>92103.00</b>	<b>35388.59</b>	<b>11265.00</b>	<b>11265.00</b>	<b>3519.28</b>	<b>15990.00</b>	<b>5593.04</b>	<b>68247.44</b>	<b>7285.70</b>	<b>11553.59</b>
			<b>XII (C) GENERAL SERVICES :</b>										
342	2056	00	Jails ..	320.00	320.00	—	—	—	45.00	45.00	—	—	—
	2058	00	Stationery and Printing ..	550.00	385.00	60.00	60.00	42.00	100.00	70.00	—	—	—
	2059	00	Public Works (Pooled Non Residential Government Bldg. ..	2450.00	2450.00	500.00	500.00	500.00	475.00	475.00	—	—	—
	2070	00	Others :										
			(a) HIPA ..	300.00	73.00	30.00	30.00	8.50	50.00	12.00	—	—	—
			(b) Nucleus Budget for Tribal Areas ..	265.00	—	53.00	53.00	—	53.00	—	265.00	53.00	53.00
			(c) Tribal Development Mac- hinery ..	53.00	—	7.00	7.00	—	9.00	—	25.00	4.00	5.00
			(d) Equity to Ex-Servicemen Corpn. including PEX- SEM ..	175.00	175.00	26.00	26.00	26.00	35.00	35.00	—	—	—
3	00	0000	<b>TOTAL—XII (C) GENERAL SERVICES ..</b>	<b>4113.00</b>	<b>3403.00</b>	<b>676.00</b>	<b>676.00</b>	<b>576.50</b>	<b>767.00</b>	<b>637.00</b>	<b>290.00</b>	<b>57.00</b>	<b>58.00</b>
9	99	9999	<b>GRAND TOTAL—I TO XII ..</b>	<b>302200.00</b>	<b>158396.59</b>	<b>36000.00</b>	<b>36000.00</b>	<b>19248.28</b>	<b>52600.00</b>	<b>26350.84</b>	<b>162891.35</b>	<b>19301.37</b>	<b>29504.33</b>

## STATEMENT—II-B

## EIGHTH FIVE YEAR PLAN PROPOSALS AND ANNUAL PLAN 1991-92 PROPOSALS

## PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Eighth Plan Targets 1990-95	1990-91		1991-92 Targets
				Targets	Anticipated Achievements	
1	2	3	4	5	6	7
<b>AGRICULTURE AND ALLIED SERVICES :</b>						
<b>1. Agriculture</b>						
<b>Agriculture/foodgrains kharif :</b>						
1.	Rice :					
	(a) Area	.. '000 hect.	107.00	105.00	105.00	106.00
	(b) Production	.. "mt.	140.00	130.00	130.00	130.00
2.	Maize :					
	(a) Area	.. "hevt.	304.00	300.00	300.00	302.00
	(b) Production	.. "mt.	765.00	630.00	630.00	649.00
3.	Ragi :					
	(a) Area	.. "hect.	15.00	15.00	15.00	15.00
	(b) Production	.. "mt.	12.00	10.00	10.00	10.00
4.	Millets :					
	(a) Area	.. "hect.	30.00	30.00	30.00	30.00
	(b) Production	.. "mt.	19.00	15.00	15.00	16.00
5.	Pulses :					
	(a) Area	.. "hect.	48.00	46.00	46.00	45.00
	(b) Production	.. "mt.	39.00	32.00	32.00	35.00
	Total kharif Area	.. '000 hect.	504.00	496.00	496.00	498.00
	Total Production	.. '000 mt.	975.00	807.00	807.00	840.00
<b>Rabi :</b>						
	Wheat :					
	(a) Area	.. "hect.	360.00	360.00	360.00	360.00
	(b) Production	.. "mt.	610.00	515.00	515.00	540.00
2.	Barley :					
	(a) Area	.. "hect.	45.00	45.00	45.00	45.00
	(b) Production	.. "mt.	50.00	50.00	50.00	45.00
3.	Gram :					
	(a) Area	.. '000 hect.	37.00	37.00	37.00	37.00
	(b) Production	.. '000 mt.	10.00	5.00	5.00	10.00
4.	Pulses :					
	(a) Area	.. '000 hect.	4.00	4.00	4.00	4.00
	(b) Production	.. '000 mt.	5.00	3.00	3.00	5.00
	Total Rabi Area	.. '000 hect.	446.00	446.00	446.00	446.00
	Total Production	.. '000 mt.	675.00	573.00	573.00	600.00
	Grand total kharif and Rabi Area..		950.00	942.00	942.00	942.00
	Production	..	1650.00	1380.00	1380.00	1440.00
<b>Commercial :</b>						
1.	Potato :					
	(a) Area	.. '000 hect.	16.00	16.00	16.00	16.00
	(b) Production	.. '000 mt.	150.00	115.00	115.00	125.00
2.	Vegetable :					
	(a) Area	.. '000 hect.	25.00	22.00	22.00	23.00
	(b) Production	.. '000 mt.	375.00	365.00	365.00	368.00

\*Includes Rabi Pulses also.

1	2	3	4	5	6	7
3. Ginger :						
(a) Area	..	'000 hect.	3.50	2.85	2.85	2.85
(b) Production (Dry ginger)	..	'000 mt.	3.00	2.90	2.90	2.90
4. Oil Seeds :						
A. Major oilseeds :						
(i) Ground nut	..	'000 mt.	15.00	13.00	13.00	13.50
(ii) Castor seeds	..	"				
(iii) Sesamum	..	"				
(iv) Repeseed and mustard linseed	..	"				
Total	..		15.00	13.00	13.00	13.50
B. Others :						
(a) Soyabean Sunflower Ginli seed	..	'000 mt.	10.00	8.00	8.00	8.50
Total—B	..	"	10.00	8.00	8.00	8.50
Total—Oil Seed A+B	..	"	25.00	21.00	21.00	22.00
3. Improved Seed :						
1. Production of seed :						
(a) Cereals	..	'000 qtls.	65.00	43.50	43.50	47.00
(b) Pulses	..	"	7.00	5.00	5.00	5.50
(c) Oil Seeds	..	"	2.00	1.50	1.50	1.5
Total	..	"	74.00	50.00	50.00	54.00
2. Distribution of seeds :						
(a) Cereals	..	"	65.00	45.00	45.00	50.00
(b) Pulses	..	"	10.00	7.50	7.50	2.00
(c) Oil seeds	..	"	5.00	3.00	3.00	3.50
Total	..	"	80.00	55.50	55.50	55.50
4. Chemical fertilizers :						
(a) Nitrogenous (N)	..	'000 mt.	35.85	24.44	24.44	28.25
(b) Phosphatic (P)	..	"	7.55	5.50	5.50	5.50
(c) Potassi (K)	..	"	5.50	3.75	3.75	4.25
Total—N+P+K	..		48.90	33.69	33.69	38.00
5. Plant protection :						
(a) Pesticides consumption of tech. Grade material	..	'000 mt.	262.00	232.00	232.00	240.00
(b) Area coverage	..	'000 hect.	460.00	424.00	424.00	440.00
6. Area Under Distribution of :						
(a) Fertilizer	..	'000 hect.	—	—	—	—
(b) Pesticides	..	"	—	—	—	—
7. High yielding varieties :						
1. Rice :						
(a) Total cropped area	..	"	107.00	105.00	105.00	105.00
(b) Area under H.Y.V.	..	"	93.00	92.00	92.00	92.00
2. Wheat :						
(a) Total cropped area	..	"	360.00	360.00	360.00	360.00
(b) Area under H.Y.V.	..	"	345.00	340.00	340.00	340.00
3. Maize :						
(a) Total cropped area	..	"	304.00	300.00	300.00	300.00
(b) Area under H.Y.V.	..	"	105.00	102.00	102.00	102.00
Total—Area under above cereals	..	"	785.00	765.00	765.00	765.00
Total—Area under H.Y.V. above cereals	..	"	560.00	524.00	524.00	524.00



1	2	3	4	5	6	7
<b>A. Agriculture Department :</b>						
(a)	Soil and water conservation on Agri. Land (non-tribe area)	Hect.	7400	1100	1100	1100
(b)	Soil and water conservation on Agri. Land Tribal area	"	900	135	135	135
(c)	Survey of cultural waste land	"	25000	3750	3750	3750
<b>US AID PROJECT :</b>						
(i)	irrigation	"	3200	480	480	480
(ii)	Chak Development	"	3200	480	480	480
<b>A. Forests Protective Afforestation conservation and demonstration hect.</b>						
<b>AGRICULTURAL MARKETING :</b>						
(a)	Total No. of markets at mandi level	Nos.	10	2	2	2
(b)	Regulated markets	"	40	8	8	8
(c)	Sub-market yard	"	30	6	6	6
(d)	Sub-market-yard dev.	"	36	10	10	10
<b>3. Dry land farming :</b>						
1. Dev. of selected micro water-sheds						
(a)	No. of water sheds taken up	Nos.	115	95	95	100
(b)	Area covered under water shed	hect.	11500	9500	9500	10000
(c)	Area under Land Development	hect.				
(d)	Construction of water harvesting Storage structure	Nos.	115	95	95	100
2. Area covered outside the selected watershed by dry land farming practice						
		Hect.	95000	75000	7500	7500
3. Adoption of dry farming practices in and out side the selected water sheds						
(a)	Distribution of the improved Agriculture implements Seeds-cum-ferts. drills	No	20000	17500	17500	18000
(b)	Distribution of chemical ferts.	M.T.	5000	3800	3800	4000
(c)	Distribution of seed-cum-fertilizer drills	No				
(d)	Distribution of improved drought resistant seeds	Oils	1900	1850	1850	1850
(c)	Bio-gas Plant Dev.	Nos.	2000	3200	3200	3500
<b>4. Horticulture :</b>						
1. Production of fruits :						
(a)	Apples	'000 tonnes	5,00,000	4,11,600	4,11,600	4,32,180
(b)	Other temperate fruits	"	51,000	42,000	42,000	44,100
(c)	Nuts and dry fruits	"	4,000	3,150	3,150	3,308
(d)	Citrus	"	19,000	15,750	15,750	16,538
(e)	Other Sub-tropical fruits	"	13,000	10,500	10,500	11,025
Total			5,87,000	4,83,000	4,83,000	5,07,151
2. Plant Protection :						
(a)	Pesticide consumption (tech. grade material annually)	'000 tonnes	0.640	0.120	0.120	0.125
(b)	area coverage (annually) cumulative	'000 hect.	1.60	1.40	1.40	1.45
3. Area under fruits Plantation :						
(a)	Apple	"	67,488	61,488	61,488	62,988
(b)	Other temperate fruits	"	34,456	29,256	29,256	30,556
(c)	Nuts and dry fruits	"	16,059	13,259	13,259	13,959
(d)	Citrus fruits	"	44,863	38,863	38,863	38,863
(e)	others tropical fruits	"	28,603	22,603	22,603	24,103
Total			1,91,469	1,65,469	1,65,469	1,70,469
4. Top working of wild fruits plants						
5. Storage total Cold storage capacity owned with State Hort. Produce Marketing and Processing corporation :						
(a)	within state	'000 tonns.	7	5	5	5
(b)	out side the state	"	8	6	6	6

1	2	3	4	5	6	7
<b>Animal Husbandry :</b>						
1. Livestock Production :						
1. Milk	..	'000 tonnes	685.00	545.00	550.00	580.00
2. Eggs	..	Millions	68.00	53.00	53.00	56.00
3. Wool	..	Lakh kg.	16.00	14.50	14.30	14.60.
Physical Programme						
<b>A. Cattle Buffalo Dev.</b>						
1. C D P Project	..	Nos.	—	—	—	—
2. Frozen Semen	..	Nos.	1	—	—	1
3. A.I. Performed Liquid semen Frozen semen	..	Lakh	2.35	1.95	1.95	2.05
4. No. of crossbred Cows available	..	Lakh	1.30	1.14	1.14	1.18
5. Intensive Sheep Dev. Projects	..	Nos.	—	—	—	—
<b>B. Sheep and Goat Dev. Programme :</b>						
1. Sheep breeding farms	..	Nos.	—	—	—	—
2. Sheep and Wool extension centres	..	Nos.	—	—	—	—
<b>C. Feed and fodder Dev. :</b>						
1. Fodder Seed Production forms	..	Nos.	—	—	—	—
<b>D. Live stock Health Programme :</b>						
1. Veterinary clinic hospital	..	Nos.	25	—	—	2 (2v. disp. to be up-graded).
2. Veterinary dispensaries	..	"	123	—	—	6 (6 New V. Disp. to be opened).
3. Poly clinics	..	"	4	—	—	—
<b>Dairy Dev.</b>						
1. Fluid milk chilling Plants including composite and feeder balancing milk plants in operation	..	No cum.	—	—	—	—
2. Milk products factories including creameries in operation	..	"	—	—	—	—
3. Dairy Co-operation units	..	No.	—	—	—	—
<b>Fisheries</b>						
1. Fish Production :						
(a) Inland	..	'000 tonnes	8000	5500	5500	5800
2. Fish Seed Production :						
(a) Carp fry	..	Million	50	25.00	25.00	25.00
3. (a) Fish seed farms						
(b) Nursery Area	..	Nos.	—	—	—	—
4. (b) No. of Hatcheries and T. ing Rearunits						
	..	Hect.	—	—	—	—
	..	Numbers	—	—	—	—
<b>Forestry :</b>						
(i) Plantation of quick growing species	..	000 hect.	20850	1112	1112	1480
(ii) Economic and commercial Plantation	..	"	20,850	837	837	1310
(iii) Social forestry :						
(a) National Social forestry	..	"	129400	27343	27343	31000
(b) Rural fuel wood plantation	..	"	13370	2000	2000	2000
(c) Pasture improvement	..	Hect.	6800	489	489	670
<b>Afforestation :</b>						
(a) Trees Planted	..	Lakh Nos.	3,000.00	450.00	450.00	550.00
(b) Trees serviced	..					
Average survival rate is 60%						
<b>IRDP</b>						
(a) Total No. of families assisted	..	No.	1,05,000	15,000	15,000	12,000
(b) Total No. of S.C. families	..	"	—	—	—	—
(c) Total No. of S.T. families	..	"	—	—	—	—
(d) Youth trained under Trysem	..	"	10,000	2,000	2,000	2,000
(e) Youth self employed	..	No.	—	—	—	—

1	2	3	4	5	6	7
<b>II. IREP :</b>						
1.	Solar Cookers	.. No	20,000	—	—	—
2.	Pressure cookers	.. No	—	—	—	—
3.	Nutan Stove	.. No.	—	—	—	—
4.	Portable Chullah Low Altitude/High Altitude	.. No	—	—	—	—
5.	Improved Crematorium	.. No	—	—	—	—
6.	Community Light	.. Points	5	—	—	—
7.	Solar Water Heating System.					
	100 LPD	.. No.	1600	—	—	—
	200 LPD	.. No.	80	—	—	—
	500 LPD	.. No.	100	—	—	—
8.	Solar Pump	.. No.	5	—	—	—
9.	Solar TV (with VCP)	.. No.	—	—	—	—
10.	Smokeless chullah	.. No.	—	—	—	—
11.	Community Solar cooker	.. No.	50	—	—	—
12.	Solar stills	.. No.	40	—	—	—
13.	Solar Dryers	.. No.	300	—	—	—
14.	Gasifiers Engines	.. No.	5	—	—	—
15.	Improved water mills	.. No.	—	—	—	—
16.	Aero-generator	.. KW	—	—	—	—
17.	Hydrant	.. No.	—	—	—	—
18.	Kerogas stove	.. No.	—	—	—	—
19.	P.V. Light Points	.. No.	220	—	—	—
20.	Nursery (Kanal)	.. Karnal	—	—	—	—
21.	Passive Feature (Build).	.. Buildings	—	—	—	—
22.	Imp. Bukharis	.. No.	—	—	—	—
23.	Energy Plantation	.. Hect.	—	—	—	—
<b>9. JRY</b>						
(i)	Employment generation	.. Lakhman days	119.00	33.68	33.68	28.1
(ii)	Assets created	.. No.	—	—	—	—
<b>10. Rural Sanitation :</b>						
	No. of households to be provided assistance for construction of rural sanitary latrines at the rate of Rs. 1200 per latrine	.. No.	32083	1666	1666	104
<b>11. Rural housing :</b>						
	Construction of two room tenements per houseless people at the rate of Rs. 6,000/- per houseless person	.. No.	2083	166	166	—
<b>12. Land Reforms :</b>						
(a)	Cadastral Survey (Kangra division) and record of Rights	.. Khasra No.	8,10,000	1,62,000	1,62,000	1,62,000
	-do- (Shimla Division)	.. No.	5,46,000	1,09,200	1,09,200	1,09,200
	Total	.. No.	13,56,000	2,71,200	2,71,000	2,71,200
(b)	Forest Settlement operation	.. Hect.	47500-000	9500-00.00	9500-00.00	9500-00
<b>Co-operation</b>						
1.	Short terms loans advanced	.. Rs. in crore	40.00	25.00	25.00	27
2.	Medium terms loans advanced	.. -do-	—	—	—	—
3.	Longterms Loans Advanced	.. "	9.00	5.00	5.00	5
4.	Agriculture Produce Marketed	.. "	30.00	18.00	18.00	20
5.	Value of fertilizer retailed by Co-operatives	.. "	—	—	—	—
6.	Whole, sale of fertilizer	.. "	26.00	26.00	26.00	27
7.	Retail Sale of Consumer articles through Co-ops in urban and rural areas	.. '000 M.T	2.220	203	203	2
8.	Capacity of Co-operative Godowns constructed	.. "	—	—	—	—
<b>9. Processing units :</b>						
(i)	Organised	.. No.	15	13	13	—
(ii)	Installed	.. "	15	13	13	—
(iii)	Cold Storage to be organised	.. "	1	1	1	—
10.	Distribution of consumer articles in rural and Urban Area	..	130.00	80.00	80.00	8
<b>14. Panchayats :</b>						

1	2	3	4	5	6	7
	100 of remunerative assets	No. of				
		.. building/ .. orchards/ .. stall etc.				
2.	Matching Grant to Panchayats	.. Rs.	15.00	2.00	2.00	2.00
3.	Construction and repair of Panchayat Ghars	.. No.	—	—	—	—
4.	Assistance to Panchayat Libraries	.. "	—	—	—	—
5.	Panchayats Prize Competition Scheme	.. Rs.	2.70	—	—	0.54
6.	Creation of Planning and monitoring Cell	.. Persons	2	—	—	—
7.	Construction of buildings of Panchayat Training Institute, Mashobra/Bajjnath	.. Nos.	2	—	—	1
8.	Construction of Samiti/Zila Parishad building	.. "	—	—	—	—
9.	Organisation of Panchayat Samelan	.. Rs.	2.00	—	—	0.50
10.	Grant to Panchayats for discharge of municipal functions	.. "	60.00	5.00	5.00	11.00
11.	Training to newly elected representative of Panchayati Raj Bodies	.. Nos.	—	—	—	—
<b>15.</b>	<b>Irrigation and Flood Control :</b>					
	(1) Major Irrigation	.. Hect.	—	—	—	—
	(2) Medium irrigation Scheme	.. Hect.	1,560	250	250	310
	(3) Minor irrigation Scheme	.. "	—	—	—	—
	Minor Irrigation IPH	.. "	14,000	250	250	2,000
	Minor Irrigation US AID	.. "	—	—	—	—
	<b>Total Minor Irrigation</b>	.. "	<b>14,00</b>	<b>250</b>	<b>250</b>	<b>2,000</b>
4.	Command Area Development :					
	(a) Field Channal Development	.. "	4,838	1,000	1,000	1,300
	(b) Warabandi	.. "	8,453	1,000	1,000	1,300
5.	Flood Control Work (Area provided with Protection)	.. "	2,500	250	250	500
<b>16.</b>	<b>Power :</b>					
1.	Installed Capacity	.. MW cumulative				
2.	Electricity generated	.. MK				
3.	Electricity Sold (including and out side State)	.. "				
	(d) Rural Electrification :					
1.	Rural electrified	.. No. cumulative				
2.	Pump Set energised by electricity	.. "				
3.	Tube well energised by electricity	.. "				
	(c) Transmission lines (220 KV and above)	.. Km				
<b>17.</b>	<b>Road and Buildings :</b>					
	(i) Motorableroads	.. Km.	1725	230	230	230
	(ii) Jeepable roads	.. Km.	170	25	25	30
	(iii) Cross-drainage	.. Km.	750	100	100	175
	(iv) Metalling and Tarring	.. Km.	900	120	120	200
	(v) Bridges	.. No.	150	30	30	30
	(vi) Villages	.. No.	190	25	25	30
	(vii) Cableway	.. No.	80	8	8	15
<b>18.</b>	<b>Industries :</b>					
	<b>Village and Small Industries :</b>					
1.	<i>Small Scale Industries :</i>					
	(a) Units functioning	.. S.S.I. Nos.	60000	1200	1500	1500
	(b) Artisans	.. Artisans	30000	6000	6000	6000
	(c) Persons employed	.. SSI	25000	6000	7000	7500
	(d) Artisans	.. Artisans	30000	6000	6000	6000
2.	<i>Industrial Area Estate s</i>					
	(a) Estats/Area Functioning	.. Nos.	10	2	3	2
	(b) Number of units	.. "	500	80	90	60
	(c) Employment	.. Persons	2500	400	450	300

1	2	3	4	5	6	7
<b>3. Handloom Industries :</b>						
(a)	Production	.. Lakh mtrs.	10.00	2.00	200	2.10
(b)	Employment	.. Persons	3000	60	60	75
<b>4. Power loom Industries :</b>						
(a)	Production	.. Lakh mtrs.	4500	90	90	100
(b)	Employment	.. Persons	1500	90	90	100
<b>5. Handi Crafts Industries.</b>						
(a)	Production (Value)	Lakh Rs.	160.00	30.00	30.00	32.00
(b)	Employment :					
(i)	Full time	Persons	2000	400	400	400
(ii)	Part time	"	100	200	200	200
<b>6. Sericulture Industries :</b>						
(a)	Production of Raw Silk	In kg.	80000	15000	15000	16000
(b)	Employment					
(i)	Part Time	Lakh man days	52.50	10.00	10.00	10.00
(ii)	Full Time	"	1100	200	200	200
<b>7. KHADI ANP VILLAGE INDUSTRIES :</b>						
<b>(A) WITH IN THE PURVIEW OF K.I.V.C</b>						
(a)	Production (Value)	Lakh Rs.	3500.00	700.00	700.00	750.00
(b)	Employment Office					
(i)	Full Time	Persons	50000	10000	10000	10000
(ii)	Part Time	"	50000	10000	10000	10000
<b>(B) OUTSIDE THE PURVIDW OF K.I.V.S.</b>						
(a)	Production (Value)	Lakh Rs.	175.00	30.00	30.00	30.00
(b)	Employment Office					
(i)	Full -Time	Persons	1000	200	200	250
(ii)	Part Time	"	20000	1000	1000	1500
<b>8. DISTRICT INDUSTRIES CENTRES :</b>						
(a)	Unit assisted	Nos.	6000	1200	1500	1500
(b)	No. of Artisans assisted	Nos.	30000	6000	6000	6000
(c)	Financial assistance rendered	Cröres	80.00	18.00	18.00	20.00
<b>19. Tourism :</b>						
(i)	International tourist Arrivals	No.				
(ii)	Domestic tourist arrivals	"				
(iii)	Accommodation available Beds	"				
<b>20. Civil Supplies :</b>						
1.	Construction of godowns other than tribal area	No.	24	3	3	5
2.	Const. of office.cum- residential building	Nos.	10	7	3	1
<b>21. Education :</b>						
<b>1. Elementary educational age group (6—11) :</b>						
(i)	Enrolment (All):					
(a)	Boys	"	418.6(40)	386.6(8)	386.6(8)	394.6(8)
(b)	Girls	"	378.9(50)	328.9(10)	328.9(10)	338.9(10)
Total			797.5(90)	715.5(18)	715.5(18)	733.5(18)
(ii)	Enrolment ratio :					
(a)	Boys	"	109	109	109	109
(d)	Girls	"	100	95	95	95
Total			104	102	102	102
<b>SCHEDULED CASTES</b>						
(i)	Enrolment					
(a)	Boys	'000	112.7(15)	100.3 (3)	100.3(3)	103.3(3)
(b)	Girls	'000	101.5(20)	85.9(4)	85.9(4)	89.9(4)
Total			214.2(35)	186.2(7)	186.2(7)	193.2(7)

\*During 1987 only.

1	2	3	4	5	6	7
(ii) Enrolment ratio :						
(a) Boys		%	118	114	114	115
(b) Girls		%	109	101	101	104
Total			114	108	108	109
SCHEDULED TRIBES :						
(i) Enrolment :						
(a) Boys			21.1(4)	17.9(0.8)	17.9(.8)	18.7(.8)
(b) Girls		"	16.1(4)	12.9(8)	12.9(.8)	13.7(.8)
Total		"	37.2(8)	30.8(1.6)	30.8(1.6)	32.4(1.6)
(ii) Enrolment ratio :						
(a) Boys		%	120	110	110	113
(b) Girls		"	92	81	81	84
Total		"	106	95	95	98
MIDDLE CLASSES-VIII.						
(i) Enrolment (All).						
(a) Boys		'000	273(70)	213(10)	213(10)	225(12)
(b) Girls		"	267(117)	165(15)	165(15)	185(20)
Total		"	540(187)	378(25)	378(25)	410(32)
(ii) Enrolment ratio :						
(a) Boys		"	122	104	104	107
(b) Girls		"	122	83	83	90
Total		"	122	93	93	99
SCHEDULED CASTES :						
(i) ENROLMENT :						
(a) Boys		'000	68(24.3)	48(4.3)	48(4.3)	53(5)
(b) Girls		"	67(36.4)	35(4.4)	35(4.4)	40(5)
Total		"	135(60.7)	83(8.7)	83(8.7)	93(10)
(ii) EMPLOYMENT RATIO :						
(a) Boys		%	123	94	94	102
(b) Girls		"	125	72	72	80
Total		"	124	83	83	91
SCHEDULED TRIBES :						
(i) Enrolment		'000				
(a) Boys		"	13(5.4)	9.0(1.4)	9.0(1.4)	10.5(1.5)
(b) Girls		"	13(9)	5.0(1.0)	5.0(1.0)	6.5(1.5)
Total		"	26(14.4)	14.0(2.4)	14.0(2.4)	17.0(3.0)
(ii) Enrolment ratio :						
(a) Boys		"	127	96	96	109
(b) Girls		"	130	54	54	69
Total		"	128	75	75	89
2. SECONDARY CLASSES (IX-X).						
(i) Enrolment (All):						
(a) Boys		'000	120.0(42.2)	87(9.2)	87(9.2)	95.0(8)
(b) Girls		"	115.0(69.1)	60(14.1)	87(14.1)	74.0(14)
Total		"	235.0(111.3)	147(23.3)	147(23.3)	169.0(22)
(ii) ENROLMENT RATIO :						
(a) Boys		%	89	70	70	75
(b) Girls		"	80	49	49	59
Total		"	75	60	60	67

1	2	3	4	5	6	7
<b>SECONDARY CLASSES:</b>						
<b>( ) Enrolment:</b>						
	(a) Boys	.. '000	45.0(15.2)	33.0(3.2)	33.0(3.2)	36.0(3.0)
	(b) Girls	.. "	30.0(16.8)	17.0(3.8)	17.0(3.8)	21.0(4.0)
	<b>Total</b>	.. "	<b>75.0(32.0)</b>	<b>50.0(7.0)</b>	<b>50.0(7.0)</b>	<b>57.0(7.0)</b>
<b>(ii) Enrolment ratio :</b>						
	(a) Boys	.. "	40	32	32	34
	(b) Girls	.. "	26	16	16	19
	<b>Total</b>	.. "	<b>33</b>	<b>24</b>	<b>24</b>	<b>27</b>
<b>(iii) Enrolment in vocational courses :</b>						
<b>(1) Post high School stage :</b>						
	(a) Total	.. No.	6000 (5000)	1700 (700)	1700(700)	2400(700)
	(b) Girls	.. "	—	—	—	—
<b>(iv) Enrolment of Non-formal class age-</b>						
<b>group 11-14 (3 years) :</b>						
	(a) Total	.. No.	—	—	—	—
	(b) Girls	.. "	—	—	—	—
<b>3. ADULT EDUCATION :</b>						
	(i) No of Participants (15—35 Years)	.. '000	300.0	60.0	60.0	60.0
	(ii) No of centres :					
	(a) Under central sector	.. No. 2	1200	1200	1200	1200
	(b) Under state sector	.. Nos.	1100	1100	1100	1100
	(c) Voluntry agencies	.. "	—	—	—	—
	(d) Others	.. "	—	—	—	—
<b>(V) MIDDLE SCHOOLS :</b>						
1.	Opening of Middle schools	.. "	—	—	—	—
2.	Teachers in New middle schools	.. "	—	—	—	—
3.	Additional teachers	.. "	471	—	—	150
4.	<b>INCENTIVE (BENEFICIARIES) :</b>					
<b>(CLASS VI TO VIII)</b>						
	(a) Free clothing	.. '000	10.0	2.0	2.0	2.0
	(b) Free text-books	.. "	9.5	1.7	1.7	1.7
	(c) Attendance scholarship	.. "	12.0	2.5	2.5	2.5
	(d) Merit Scholarship	.. "	0.5	0.1	0.1	0.1
	(e) Scholarship to SC Girls	.. "	48.9	9.8	9.8	9.8
<b>VI. SECONDARY SCHOOLS :</b>						
1.	Opening of high schools	.. Nos.	—	—	—	—
2.	Sr. Secondary schools	.. "	—	—	—	—
<b>TEACHERS IN SECONDARY SCHOOLS :</b>						
	(a) Teachers in new Higher Sr. Schools	.. Nos.	—	—	—	—
	(b) Additional teachers in Higher Sr. Schools	.. "	—	—	—	—
	(c) Teachers in Sr. Secondary Schools	.. "	—	—	—	—
	(d) Additional Teachers in Sr. Secondary schools	.. "	39	—	—	39
<b>VII. INCENTIVE (CLASS IX-X)</b>						
<b>BENEFICIARIES :</b>						
	(a) Free text Books	.. '000	6.7	1.3	1.3	1.3
	(b) Free clothing	.. "	5.0	0.8	0.8	1.0
	(c) Merit scholarships	.. Nos.	3.3	0.6	0.6	0.6
	(d) Scholarship to SC Girls	.. No.	10.3	2.0	2.0	2.0
VIII.	Free Hostels	.. "	—	—	—	—
IX.	Opening of colleges	.. "	—	—	—	—
X.	Starting of evening classes	.. "	—	—	—	—
XI.	Sports hostels	.. "	—	—	—	—
<b>1. LABOUR &amp; WELFARE (TECHNICAL EDUCATION)</b>						
<b>(i) CRAFTSMEN TRAINING :</b>						
	(a) No. of Industrial Training Institute (ITIS)	32	31	31	31	31
	(b) Intake capacity	.. "	16606	2746	2746	2851
	(c) No. of person under going training	.. "	13332	2398	2998	2851
	(d) Out-turn	.. "	8003	2678	1607	1500

1	2	3	4	5	6	7
<b>II. APPRENTICESHIP TRAINING :</b>						
	(a) Training places located	No.	727	400	133	500
<b>22. Youth Services and Sports :</b>						
	(1) Stadia	Nos.	—	—	—	—
	(2) Playfields	48	48	—	—	12
	(3) Dist youth centres	1	1	—	—	—
	Total	49	49	—	—	12
<b>23. Health and Family Welfare :</b>						
	(1) Opening of sub-centres	No.	100	20	20	20
	(2) Opening of Primary Health centres Subsidiary health centres	..	52	25	25	9
	(3) Opening of Community Health Centres	..	15	5	5	4
	(4) E.S.I. Dispensaries	..	3	—	—	1
	(5) <b>MEDICAL EDUCATION :</b>					
	Strengthening of medical College :					
	Admission :					
	1. MBBS Course	Nos.	—	65	65	—
	2. Post Graduate Degree/Diploma	..	—	42	42	—
	3. Internship training	..	—	60	60	—
	4. House Job	..	—	50	50	—
	National scheme Mobile units set up	No.	—	—	—	—
<b>25. Housing :</b>						
	(1) Subsidy for the development of House-sites for landless workers in rural areas	.. Number of families.	650			95
	(2) Subsidy for replacement of wooden roofs into tin sheets	..		Targets not fixed		
	(3) Loans under LIGH scheme	.. House	800			240
	(4) Loans under VHP scheme	..	—			—
	(5) Loans under MIGH scheme	..	350			60
	(6) Grant of loan to EWS	..	300			45
	Total—No. 6	..	2100			440
	7. Pooled Non-Residential Building	.. Nos.				
	8. Pooled Government housing	.. Nos.				
<b>26. Urban Development :</b>						
	(i) Preparation of Development Plan	..	—	—	—	—
	(ii) Town and regional Planning	..	—	—	—	—
	(a) Master Plans prepared	.. No.	—	—	—	—
	(b) Regional Plans prepared	..	—	—	—	—
	(iii) Environmental improvement of Slums (MNP) persons benefitted	.. Nos.	60,000	13,335	13,335	16,000
<b>Welfare of Schedule Castes:</b>						
	1. Economic betterment to S/C Trainees	.. No. of Persons	6000	800	800	800
	2. Award for inter caste marriages	.. No. of Couples	458	51	51	64
	3. Environment Improvement of harijan Basties	.. No. of Basties	500	40	40	68
	4. Matching grant for CSS.	..				
	(i) Book Bank	.. To provide aid for Book Banks				—
	(v) PCR Act	.. Aid for protection of Civil Right Act				—
	(iv) Girls hostels	.. For Completions of Girls Hostels				—
	(v) Scholarship to the Children of those who engaged in unclean occupations	.. No. of Children	1000	37	37	166
	(vi) Pre-examination Coaching Centres	.. No. of Centres	1	—	1	1
	5. Electricity to S/C/S/T houses	.. No. of houses	25,000			4000
						Scheme is being operated by HPSEB
	6. Technical Scholarship	.. No. of Students	2,500	334	334	370
	7. Proficiency in typing and Shorthand	.. No. of trainees	334	26	26	45
	8. Drinking water Supply Schemes	.. No. of Schemes	600	75	75	80
	9. Housing Subsidy	.. No. of Beneficiaries	4,925	408	408	478



1	2	3	4	5	6	7
10.	C/o houses for valunerable Groups	.. No. of beneficiaries	1,293	53	53	123
11.	Social awereness Campaign	.. No. of Campaign	100	—	—	20
12.	Award to Panchayat	.. Rules of the Scheme is under final sations				
<b>Wefare of S/T :</b>						
1.	Technical Scholarships	.. No. of Students	1,250	270	270	290
2.	Economic betterment of S/T	.. No. of Students	1,800	260	260	300
3.	Housing subsidy	.. No. of Beneficiaries	2,884	243	243	452
4.	Girls hosteles	.. For Completion of Girls hostels				—
5.	Ashram/Gujjar Schools	.. For Opening of Ashram/Gujjar Schools				—
6.	Tribes Advisory Council	.. No. of Council	I	I	I	I
<b>III. Wefare of OBCs :</b>						
1.	Technical Scholarships	.. No. of Students	2,500	336	336	371
<b>Direction and Administration :</b>						
1.	Strengthening of Staff	.. For Stregthing of Staff				
2.	Office Building	.. For Construction of building for Dtr.				
3.	Schedule Caste Development Corporation	No. of Corporation	I	I	I	I
<b>Social Welfare :</b>						
1.	Stipend to handicapped	.. No. of persons	14,247	150	150	3,550
2.	Aid for purchase and fitting of artificial limbs	.. -do-	1,000	40	40	20
3.	Marriage grant to handicapped	.. -do-	400	20	20	40
4.	Matching grant for C.S.S.					
	(a) Home for deaf and Dumb	.. No. of homes				8
	(b) Colony for patient of Leprosy	.. No. of Colony				—
	(c) Home for physically handicapped	.. No. of homes				—
	(d) Patral Subsidy	.. No. of Person	200	5	5	20
5.	Home for mentally retaored Children	.. —				—
6.	C/o building for handicapped home S/ Nagar	.. —				—
7.	Rehabilitation allowance to lepers	.. No. of leprs	11,904	1,853	1,833	1,237
8.	Vocational rehabilitation Centres	.. No. of cetres	I	I	I	I
9.	Foster Care services	.. No. of Chied	20	10	10	20
10.	Rehabilitation of inmates of Bal/Balika Ashram including vocational rehabilitation	No. of centres/Ashrams	20	6	6	11
11.	Repair of Bal Balika Ashrams	.. Repair maintenance of Bal Balika Asram				—
12.	Home for Childern in need for care and Protection	.. No. of homes	2	2	2	2
13.	Running/maintenance of Bal Balika Ashram	.. No. of Ashram for running Ashram				
14.	Balwariés	.. No. of Balwaries	191	191	191	191
15.	Staff under JJ Act	.. For strengthening of staff under JJ Act				
16.	Building under JJ Act	.. C/o Building under JJ Act.				
17.	Counselling Centres for women & Children	.. For establishment of Counselling Centres				
18.	Women Wefare Corp.	.. No. of Crp.	I	I	I	I
19.	Working Women Hostels	.. No. of hostels				
20.	State Homes	.. No. of homes	I	I	I	I
21.	Vocational Training to Women in distress	.. No. of Women	10	2	2	2
22.	Marriage grant to destitute Girls/Women	.. No. of Grils	1,200	50	50	116
23.	Financial assistance to Women in distress	.. No. of Women	2,7744	132	132	382
24.	Aged Homes	.. No. of homes	I	I	I	I
25.	Welfare of ex-Prisioners	.. No. of prisoners				
26.	Grant to other Vol. agencies	.. No. of Agencies	6	4	4	4
27.	Old Age/widow Pension	.. No. of Prisons	87,413	87,413	87,413	87,413
<b>33. Hipa :</b>						
1.	Government of India sponsored course		80	16	16	16
2.	I.A.S. (Probationers)		5	1	1	1
3.	H.A.S. (Probationers)		5	1	1	1

1	2	3	4	5	6	7
4.	Courses of Gezetterd officer	..	105	20	20	20
5.	Courses for Non-Gazetterd Officer	..	45	8	8	10
6.	Courses for H. P. Sectt. Staff	...	60	12	12	12
7.	Courses Conducted by D.T.Cs.	..	500	100	100	100
8.	Seminar/Workshops	...	15	3	3	3
9.	S.A.S. Part-I&II Courses	...	10	2	2	2
10.	I.R.D.P. Courses/Seminars Conducted at H.I.P.A.	...	50	8	8	10
11.	I.R.D.P. Courses Conducted by D.T.Cs.	..	350	65	65	70
12.	Pre-exam. Coaching	..	35	7	7	7

## OUTLAY AND EXPENDITURE DURING THE EIGHTH PLAN

(Minimum Needs Programme)

(Rs. in lakhs)

Major Head/Minor Head of Development	Eighth Plan 1990-95 Proposed outlay	1990-91		1991-92		
		Approved outlay	*Anti Ex- penditure	Proposed outlay	of which Capital Content	
1	2	3	4	5	6	7
Rural Electrification	.. 50.00	—	10.00	10.00	10.00	10.00
Rural Fuel wood	.. 940.00	225.00	170.00	165.00	165.00	165.00
Rural Roads	.. 7920.00	1145.00	1100.00	1500.00	1500.00	1500.00
Elementary Education	.. 8375.30	1427.45	1427.45	1477.52	1477.52	—
Adult Education	.. 564.00	43.55	115.44	111.30	111.30	—
Rural Health	.. 4585.00	541.00	546.55	747.00	747.00	747.00
Rural Water Supply	.. 21700.00	2535.00	2535.00	3500.00	3500.00	3500.00
Rural Sanitation	.. 625.00	45.00	45.00	125.00	125.00	125.00
Rural House Site-cum-Construction Scheme	.. 125.00	5.00	10.00	20.00	20.00	20.00
Environmental Improvement of Slums	.. 180.00	50.00	50.00	48.00	48.00	48.00
Nutrition	.. 2900.00	225.00	225.00	485.00	485.00	—
Public Distribution System	.. 1795.00	57.00	257.00	358.00	358.00	—
<b>Total</b>	.. 49759.30	6299.00	6491.44	8546.82	8546.82	5950.00

\*Anticipated expenditure includes expenditure against Central Share ak

## II-B—PHYSICAL TARGET AND ACHIEVEMENT DURING THE 8TH PLAN

## Minimum Needs Programme

Sl. No.	Head	Unit	Eighth Plan Targets 1990-95 4	1990-91		1991-92 Targets 7
				Targets 5	Anticipated Achievement 6	
1.	Rural Electrification : village electrified	No.				
				*Only intensive electrification works like release of Service connections improvement in voltage system etc. carried out as 100% electrification Achieved.		
2.	Rural fuel wood :					
	(i) Plantation	Hect.	13370	2000	2000	2000
	(ii) Seedling distributed.	Lakhs				
	(iii) Area afforested	Hect.				
3.	Rural Roads :					
	(i) Motorable roads	Km.	975	130	130	130
	(ii) Jeepable	Km.	115	17	17	17
	(iii) Cross drainage	Km.	415	55	55	75
	(iv) Metalling & Tarring	Km.	510	68	68	90
	(v) Bridges	No.	90	17	17	12
	(vi) Villages	No.	115	15	15	15
4.	Elementary Education :					
	I. Opening of pry. schools	No.	700	100	100	150
	Enrolment					
	Boys	000	418.6(40)	386.6(8)	386.6(8)	394.6(8)
	Girls	000	378.9(50)	328.9(10)	328.9(10)	338.9(10)
	Total	000	797.5(90)	715.5(18)	715.5(18)	733.5(18)
	Percentage of age group :					
	Boys	%	109	109	109	109
	Girls	"	100	95	95	95
	Total	"	104	102	102	102
	Scheduled Castes :					
	Boys	000	112.7(15)	100.3(3)	100.3(3)	103.3(3)
	Girls	000	101.5(20)	85.9(4)	85.9(4)	89.9(4)
	Total	000	214.2(35)	186.2(7)	186.2(7)	193.2(7)
	Percentage of age group :					
	Boys	%	118	114	114	115
	Girls	"	109	104	104	104
	Total	"	114	108	108	109
	Scheduled Tribes:					
	Boys	000	21.1(4)	17.9(0.8)	17.9(0.8)	18.7(0.8)
	Girls	000	16.1(4)	12.9(0.8)	12.9(0.8)	13.7(0.8)
	Total	000	37.2(8)	30.8(1.6)	20.8(1.6)	32.4(1.6)
	Percentage to age group					
	Boys	%	120	110	110	113
	Girls	"	92	81	81	84
	Total	"	106	95	95	95
II.	Middle Classes—VI-VIII					
	A Enrolment (All):					
	(a) Boys	000	273(70)	213(10)	213(10)	225 (12)
	(b) Girls	"	267(117)	165(15)	165(15)	185(20)
	Total	"	540(187)	378(25)	378(25)	410(32)
	(a) Enrolment Ratio :					
	(a) Boys	%	122	104	104	107
	(b) Girls	"	122	83	83	99
	Total	"	122	93	93	99
	B. Scheduled Castes :					
	I. Enrolment:					
	(a) Boys	000	68(24.32)	48(4.3)	48(4.3)	53(5)
	(b) Girls	"	67(36.4)	35(4.4)	35(4.4)	40(5)
	Total	"	135(60.7)	83(8.7)	83(8.7)	93(10)

1	2	3	4	5	6	7
<b>II. Enrolment Ratio :</b>						
(a) Boys		%	123	94	44	100
(b) Girls		"	125	72	72	80
Total		"	124	83	83	91
<b>C. Scheduled Tribes :</b>						
<b>I. Enrolment</b>						
(a) Boys	000		13(5.4)	9.0(1.4)	9(1.4)	10.5(1.5)
(b) Girls			13(9)	5.0(1.0)	5.0(1.0)	6.5(1.5)
Total		"	26(14.4)	14.0(2.4)	14.0(2.4)	17.0(3.0)
<b>II. Enrolment Ratio</b>						
(a) Boys		%	127	96	96	109
(b) Girls		"	130	54	54	69
Total		"	128	75	75	89
<b>III. Adult Education</b>						
No. of Participants (15—35 yrs.)	000		300.00	60.00	60.00	60.00
<b>(b) No. of centres :</b>						
(i) Centre Sector	No.		1200	1200	1200	1200
(ii) State Sector	"		1100	1100	1100	1100
(iii) Voluntary Agencies	"		—	—	—	—
(iv) Other programmes	"		—	—	—	—
<b>6. Rural Health :</b>						
(a) Sub-Centres	No.		100	20	20	20
(b) PHCs	No.		52	25	25	9
(c) Community Health Centre	No.		15	5	5	4
<b>7. Rural Water Supply :</b>						
<b>I. State Sector</b>						
(a) Problem Villages	No.		1182	170	170	354
(b) Other Villages Partially covered	No.		1000	40	40	27.5
(c) House connection	000		50	8	8	10416
8. Rural Sanitation	No.		32.083	16.66	16.66	
<b>9. Rural House Sites-cum-Construction Schemes</b>						
Allotment of Sites	No. families		2083	166	166	333
10. Environmental Improvement of Slums	No.		60.000	13,335		16,000
<b>11. Nutrition :</b>						
(a) Beneficiaries under Special Nutrition programme in ICDS Children 0—6 years	000		—	—	—	—
(b) Beneficiaries under Special nutrition programme outside ICDS Children 0—6	000		—	—	—	—
Women	-do-		—	—	—	—
Beneficiaries under Mid-day meals programme	-do-		—	—	—	—
<b>12. Public Distribution System :</b>						
(i) Construction of godown	No.		24	3	3	3
(ii) Construction of Office/Office cum-residential Building	No.		10	7	3	1

V. STATEMENT REGARDING EXTERNALLY AIDED PROJECTS

(Rs. in lakh).

Sl. No.	Name, Nature and Location of the Project with Project code and name of externally funding agency	Date of sanction/ date of commencement of work	Terminal date of disbursement of external aid: (a) Original (b) Revised	Estimated cost :		Pattern of funding (a) State Share (b) Central Share (c) Other sources to be specified.	Cumulative expenditure upto VIIIth Plan		Provision necessary during the VIIIth Plan: (a) State share (b) Central share (c) other sources (to be specified) total
				(a) Original; (b) Revised (Latest)			(a) State share (b) Central Asstt. (c) other sources (to be specified) total		
1	2	3	4	5		6	7	8	
<b>1. Agriculture:</b>									
1.	National Agriculture Extension Project—III(T&V) 1754—IN IDA	1st September, 1987	31st March, 1984.	2943.215 Lacs. Original. 4807.318 Lac. (Revised). (Proposed)		IDA— 60% G.O.I.— 20% H.P.— 20%	725.91 Lac.		HP 1400.000 Lac. G.O.I. 1400.000 Lac. IDA. 3600.000 Lac.  6000.00 Lac.
<b>2. Horticulture:</b>									
1.	Indo-Itallian Olive Dev. Project with Bilateral assistance from Italian Government situated at Bajaura, District Kullu, Project Code No.—4232.	(a) Date of sanction, 8-8-1984. (b) Date of commencement 1-4-1985.	Phase I 30-7-87 31-12; 1987  Phase II 31-12-1990	(a) Original (a) State 60.48 (b) (Itallian) 183.78  Total 224.76  (b) Revised: (a) State 152.30 (b) Itallian 475.00  Total 627.30		(a) State 24% (b) Central Nil (c) Itallian 76%	(a) State 102.29 (b) Centre — (c) Itallian 232.00  Total 334.29		(a) State 50.00 (b) Centre — (c) Itallian 232.00  Total 282.00
2.	Indo-Dutch Mushroom Project with Bilateral assistance from Royal Government at Netherland situated at Palampur, District Kangra.	(a) Date of sanction 24-2-1986. (b) date of Commencement 1-4-1986.	(a) Original 31-3-1990 (b) Revised 31-3-1992	(a) Original: (i) State 39.56 (ii) Dutch 39.56  Total 79.12  (b) Revised: (i) State 109.14 (ii) Dutch N.A.		(a) State 50% (b) Central Nil. (c) Dutch 50%	(a) State 59.14 (b) Central — (c) Dutch N.A.		(a) State 50.00 (b) Central — (c) Dutch N.A.
3.	Integrated Horticulture Development Project with world Bank assistance.	1990-91	1996-97	6000.00		Project agreement not signed as yet			1800.00

1	2	3	4	5	6	7	8
<b>3. Fisheries:</b>							
1.	Indo-Norwegian Trout Farming Project with assistance from Norway Government situated at Patlikuh, District Kullu.	(a) Date of sanction 29-1-1988. (b) Date of commencement 0-9-1989.	Year, 1992	(a) State 94.65 (b) Central — (c) Norwegian 131.05*	—	(a) State 64.00 (b) Central — (c) Norway Two personnels were trained in Norway.	(a) State 98.00 (b) Central Nil (c) In the shape of consultancy and equipment can not be specified).
				225.70			
				*In the shape of consultancy training and equipment.			
<b>3. Health:</b>							
1.	UNFPA Project, World Bank through out the State.	April, 1990	1994-95	(a) State 350.00 (b) World Bank 3150.00	(a) State 10% (b) World Bank 90%	—	(a) State 350.00 (b) World Bank 3150.00
				Total 3500.00			Total 3500.00
<b>4. Forestry:</b>							
1.	National Social Forestry (Umbrella Project) throughout Himachal; USAID; Code No. 1611-IN USAID.	26-5-1985	Original 31-3-1990 Revised 31-12-1990	Original 5729.00 Revised 6539.00	IDA 50.9% USAID 25.7% GOI 23.14%	IDA 2907.63 USAID 1482.00 GOI 1311.00	IDA 5100.00 USAID 2600.00 GOI 2300.00
						Total 5700.63	Total 10,000.00
2.	Integrated Watershed Development Project; (Hills) Kandi Area; World Bank; Code No. 8202-IN-World Bank Aided.	January, 1990	1997	3,676.00	World Bank 70% State 30%	—	World Bank 1750.00 State 750.00
							Total 2,500.00
3.	Indo-German-Eco-Dev. Project (Changer area).	Under Approval	—	1,871.00	German Govt. 60% State Govt. 40%	—	German Govt. 930.00 State Govt. 620.00
							Total 1,550.00
4.	Modern Forest Fire Control Project.	Under Approval	—	276.08	FAO 50% State 50%	—	FAO 138.75 State 137.33
							Total 276.08

5. Irrigation:

1. Hill Area Land and Water Development Project; throughout State; USAID Code No.—H.P. 386-0489-USAID.	8-84	9-91	(a) Original 8,250.00 (i) State 4,400.00 (ii) USAID 3850.00 Revised 10957.00	(a) State 2,078.53 (b) USAID 1,843.24	I-If not revised: (a) State 2,120.00 (b) USAID 1880.00
			(i) State 58,07.21 (ii) USAID 5,149.79	Total 3,921.77	Total 4000.00 II. If revised State 3,728.67 USAID 3306.56
					Total 7,025.23

6. Technical Education

1. Proposal for Strengthening of Technical Education with Word Bank Assistance	1991-92	100% Expenditure to be made by State Govt. and 70% Exp. will be reimbursed by the Govt of India under Word Bank Assistance.	1994.49	70:30 by Central Govt. under World Bank Assistance and State Govt. respectively.	Nil	1602.77 out of which 70% Expenditure Rs. 1121.94 lakhs will be reimbursed by Govt. of India under World Bank Assistance.
2. Strengthening of ITIs. under World Bank Aided Skill Development Project.	1989-90	In March ending Financial year.	517.64	50:50 By state Govt. and Central Govt. respectively.	81.00	436.64 lakhs to be shared Including 50:50 i.e. 218.32 lakhs 50% State Cent. 218.32 lakhs State share. (i) 40.50 Central (ii) 40.50 State

7. POWER

1. Transmission and Distribution, World Bank	..	..	..	..	..	..
2. Kol Dam, Russian Assitance.	..	..	1050.50 crore	75:25	..	..
3. Nathpa Jhakhri, World Bank	..	End of Eighth Plan	1472.00 crore	75:25	75.35lakh	..
				25% by state Govt	13.89 crore	..

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**STATEMENT-VIII : RURAL COMPONENT OF DRAFT EIGHTH PLANS AND ANNUAL PLAN 1990-91  
AND ANNUAL PLAN 1991-92**

Rs. in lakh.

Sl. No.	Development Head & Sub Head	Outlays			Rural Component			Percentage to total outlay
		8th Plan 1990-95	1990-91 Budgetted outlay	1991-92 Proposed outlay	8th Plan 1990-95	1991-92 Budgetted outlay	1991-92 Proposed outlay	
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 ..	55427.00	6426.00	9567.00	55427.00	6426.00	9567.00	100
2.	Rural Development ..	14450.00	1126.00	2911.00	14450.00	1126.00	2911.00	100
3.	Desert Development Programme ..	1500.00	—	180.00	1500.00	—	180.00	100
4.	Irrigation & flood control ..	13975.00	2625.00	3876.00	13975.00	2625.00	3876.00	100
	Sub total (1 to 4)	85352.00	10177.00	16534.00	85352.00	10177.00	16534.00	100
5.	<b>Energy</b>							
(i)	Rural Electrification ..	4600.00	750.00	825.00	4600.00	750.00	825.00	100
(ii)	Bio Gas ..	811.00	85.00	171.00	811.00	85.00	171.00	100
(iii)	Smokless chullahs ..	180.00	—	40.00	180.00	—	40.00	100
6.	<b>Village Industries :</b>							
(i)	Khadi & Village Industries ..	4519.00	247.50	868.75	4519.00	247.50	868.75	100
(ii)	Hand Loom & Handicrafts ..	1089.50	92.50	224.20	1089.50	92.50	224.20	100
(iii)	Sericulture ..	375.00	40.00	61.00	375.00	40.00	61.00	100
(iv)	Tea Industries ..	150.00	30.00	35.00	150.00	30.00	35.00	100
(v)	Other Promotional Activities ..	419.00	10.00	65.50	419.00	10.00	65.50	100
7.	Rural Roads ..	7920.00	1100.00	1500.00	7920.00	1100.00	1500.00	100
8.	Rural Health ..	4585.00	546.55	747.00	4585.00	546.55	747.00	100
9.	Rural Housing ..	125.00	10.00	20.00	125.00	10.00	20.00	100
10.	Rural Sanitation ..	625.00	20.00	125.00	625.00	20.00	125.00	100
11.	Rural Water Supply ..	25750.00	2308.00	4410.00	25750.00	2308.00	4410.00	100
	Sub-total(1 to 11)	136500.50	15416.55	25626.45	136500.50	15416.55	25626.45	100
<b>II. Outlays Subjected to Apportionment to rural areas by local Benefit :</b>								
12.	<b>Energy :</b>							
(i)	Transmission & distribution ..	10300.00	450.00	1547.00	3090.00	148.50	464.10	30%
(ii)	Generation ..	40,000.00	450.00	5518.00	12000.00	1365.00	1655.40	30%
					Based on discussion with HPSEB based on rural consumption, Agri. Rural Industry. Rural Household			
(iii)	Others ..	1100.00	100.00	110.00	—	—	—	—
(iv)	Non. Conventional energy Sources ..	260.00	5.00	55.00	—	—	—	—
13.	<b>Industries &amp; Minerals :</b>							
(i)	Small Scale Industries and Power-looms ..	—	—	—	—	—	—	—
(ii)	Other Industries ..	—	—	—	—	—	—	—
(iii)	Large & medium Industries ..	7857.50	650.00	1524.55	—	—	—	—
(iv)	Mining ..	400.00	30.00	45.00	—	—	—	—
(v)	Weights & Measures ..	47.00	7.00	9.00	—	—	—	—
14.	<b>Transport :</b>							
(i)	Civil Aviation ..	300.00	25.00	40.00	—	—	—	—
(ii)	Roads & Bridges (other than M.N.P.) ..	19330.00	2700.00	3500.00	7925.30	1107.00	1435.00	41%
(iii)	Road Transport ..	7431.00	755.00	938.75	3046.71	679.50	384.89	90%
(iv)	Inland Water Transport ..	25.00	2.00	5.00	25.00	2.00	5.00	100%
(v)	Ropeways & Cableways ..	250.00	25.00	50.00	250.00	25.00	50.00	100%
(vi)	I.M.T. Studies ..	300.00	5.00	35.00	—	—	—	—
15.	Communications ..	350.00	50.00	60.00	—	—	—	—
16.	<b>Science &amp; Technology :</b>							
(i)	Scientific Research including S & T ..	900.00	21.00	165.00	810.00	18.90	148.50	90%
(ii)	Ecology & Environment ..	—	—	—	—	—	—	—
(iii)	Water & Air pollution and Prevention ..	150.00	15.00	25.00	—	—	—	—
17.	Sectt. Economic Services ..	400.00	68.00	80.00	—	—	—	—
18.	Tourism ..	2325.00	215.00	400.00	—	—	—	—
19.	Survey & Statistics ..	90.00	15.00	17.60	—	—	—	—
20.	Civil Supplies ..	3665.00	557.00	730.00	3408.45	518.01	678.90	93%
21.	Institutional Finance ..	50.00	6.00	10.00	—	—	—	—
22.	District Planning ..	5038.00	1276.00	653.64	5038.00	1276.00	653.64	100%
23.	<b>Social Services</b>							
1.	General Education ..	23271.00	3250.00	4375.00	18616.80	2600.00	3500.00	81%
2.	Technical Education ..	4250.00	425.00	584.00	3442.50	344.25	473.04	81%
3.	Sports & Youth Services ..	875.00	65.00	130.00	—	—	—	—
4.	Art & Culture ..	675.00	98.00	115.00	—	—	—	—
5.	Moutaineering & Allied Sports ..	270.00	40.00	60.00	—	—	—	—
6.	Gazetteer ..	30.00	7.00	6.00	—	—	—	—

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>B. SOCIAL SERVICES:</b>													
<b>X. EDUCATION, SPORTS, ART &amp; CULTURE:</b>													
1. General and University Education. 737 23102 23440 24103 25854 1966300 142000 200000 1210000 6357.10 10090.09 2003.02 3309.70													
2. Technical Education. 12 143 186 200 426 1700000 634000 634000 2200000 492.58 1230.30 223.10 797.11													
3. Art and Culture. 60 97 97 114 114 - - - 50.09 190.00 30.70 35.77													
4. Sports and Youth Services. 2 14 14 14 24 13300 - - - 32.10 07.50 11.40 12.66													
5. OTHERS:													
(a) Mountain-eering And Allied Sports. 4 4 5 21 77 - - - 26.00 47.50 0.00 11.16													
(b) Gazetteers 11 13 13 13 13 - - - 18.40 30.00 7.00 6.00													
Sub-Total-5: 15 17 10 34 90 - - - 45.30 77.50 16.00 17.16													
TOTAL-X: EDUCATION, SPORTS, ART AND CULTURE: 834 23373 23755 24545 26508 3679600 776000 034000 3410000 6977.26 20260.30 3005.24 4252.40													

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1	2	3	4	5	6	7	8	9
7.	Allopathy (other than M.N.P)	5663.00	358.45	1183.00	1245.86	78.86	260.26	22%
8.	Ayurveda	1500.00	145.00	290.00	450.00	58.00	87.00	30%
9.	Medical Education	1500.00	215.00	270.00	—	—	—	—
10.	Housing (excluding Rural Housing)	3964.00	1140.00	774.00	—	—	—	—
11.	Urban Development water Supply & Sanitation (excluding Rural Water Supply And ruralsanitation)	2005.00	435.00	386.00	—	—	—	—
12.	Urban Water Supply	5000.00	717.00	600.00	—	—	—	—
13.	Sewerage	2250.00	90.00	100.00	—	—	—	—
14.	Low cost sanitation	190.00	15.00	38.00	—	—	—	—
	<b>Other Social Services :</b>							
15.	Information & publicity	530.00	100.00	105.00	—	—	—	—
16.	Welfare of Schedule Caste /Schedule tribes/OBCS.	1200.00	160.00	219.00	1080.00	144.	197.10	90%
17.	Labour & Labour Welfare	295.00	45.00	58.00	59.00	9.00	11.60	20%
18.	Social Welfare & security	4650.00	850.00	910.00	3255.00	595.00	637.00	70%
19.	Nutrition	2900.00	225.00	485.00	2030.00	157.50	339.50	70%
25.	Other Development programmes:							
	<b>General Services</b>	4113.00	676.00	767.00	411.30	67.60	76.70	10%
	<b>Grand Total</b>	302200.00	36000.00	52600.00	202684.42	24610.67	36684.09	—
	<b>Percentage to Total</b>				67.07	68.36	69.74	

VII STATEMENT SHOWING EMPLOYMENT (SCHEME-WISE) IN THE SEVENTH/EIGHTH PLAN  
WITH THE CORRESPONDING FIGURES OF EXPENDITURE/OUTLAY

Name of the Sector/ Head/Sub Head of Development.	Continuing (Regular) Employment (Persons)					Employment (in person days) in the Construction phase				Outlay/ Expenditure (Rs. in Lakh)								
	In March 1985		In March 1990		In March 1991		In March 1992		In March 1995		1985-90	1990-91	1991-92	1990-95	Actual Exp. (1985-90)	Outlay (1990- 95)	Outlay Proposed (1990- 91)	Proposed outlay (1991-92)
	(Esti- mated)	(Esti- mated)	(Esti- mated)	(Esti- mated)	(Esti- mated)	(Target)	(Esti- mated)	(Esti- mated)	(Target)	(Target)	(Target)	(Target)	(Target)	(Target)	(Target)	(Target)	(Target)	(Target)
1	2	3	4	5	6	7	8	9	10	11	12	13	14					
<b>A. ECONOMIC SERVICES:</b>																		
<b>I. AGRICULTURE AND ALLIED SERVICES:</b>																		
<b>1. Crop Husbandry:</b>																		
a) Agriculture	23	901	1259	1259	1259	3116890	816740	1371010	6507050	743.77	2075.92	444.01	567.24					
b) Horticulture	169	483	483	870	1346	1696922	1370000	200750	2137500	833.61	3104.00	277.49	621.00					
c) Dry Land Farming.	-	-	-	-	-	30000	22725	22725	113600	35.65	25.00	5.00	5.00					
<b>SUB-TOTAL (I)</b>	<b>192</b>	<b>1384</b>	<b>1742</b>	<b>2129</b>	<b>2605</b>	<b>4943812</b>	<b>2209465</b>	<b>1692485</b>	<b>8810050</b>	<b>1713.03</b>	<b>6184.92</b>	<b>727.30</b>	<b>1103.24</b>					
<b>2. SOIL AND WATER CONSERVATION:</b>																		
a) Agriculture	118	243	287	287	287	248300	300680	530315	3146800	370.50	1040.30	131.50	107.25					
b) Forest	1123	1166	1166	1166	1166	7399000	1352000	1287000	6027000	3394.72	4940.99	125.00	812.00					
<b>SUB-TOTAL (2)</b>	<b>1241</b>	<b>1409</b>	<b>1453</b>	<b>1453</b>	<b>1453</b>	<b>7548300</b>	<b>1652680</b>	<b>1826315</b>	<b>9173800</b>	<b>3774.22</b>	<b>5089.30</b>	<b>256.50</b>	<b>999.25</b>					
3. Animal Husbandry	488	642	771	780	1150	150000	5000	4000	50000	450.00	800.00	150.00	165.00					
4. Dairy Development.	120	62	63	63	63	50000	-	-	-	25.00	50.00	10.90	10.00					
5. Fisheries	20	57	57	96	148	300510	84444	120000	855555	77.57	143.30	21.70	30.40					
6. Forestry and Wild Life.	1836	2185	1800	1860	2200	24390311	4485000	5615000	34800000	4677.92	10430.00	1101.00	1864.00					

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>7. <u>MARKETING AND QUALITY CONTROL:</u></b>													
a) Agriculture -	-	-	-	-	-	32000	34905	70540	363600	31.53	00.00	7.60	17.20
b) Horticulture	10	10	10	14	34	25000	6700	7500	37500	18.02	30.00	5.00	5.50
<b>SUB-Total-(7)</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>14</b>	<b>34</b>	<b>57000</b>	<b>41605</b>	<b>86040</b>	<b>401100</b>	<b>50.35</b>	<b>110.00</b>	<b>12.60</b>	<b>22.70</b>
<b>8. Co-Operation</b>	<b>71</b>	<b>96</b>	<b>102</b>	<b>120</b>	<b>230</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>177.70</b>	<b>280.00</b>	<b>45.00</b>	<b>49.50</b>
<b>Total-I,</b>													
<b>AGRICULTURE AND ALLIED SERVICES:</b>	<b>3978</b>	<b>5845</b>	<b>5998</b>	<b>8524</b>	<b>7891</b>	<b>37353933</b>	<b>8488194</b>	<b>9349849</b>	<b>54098405</b>	<b>10945.88</b>	<b>23087.52</b>	<b>2404.10</b>	<b>4334.17</b>

**II. RURAL DEVELOPMENT**

**1. SPECIAL PROGRAMS FOR RURAL DEVELOPMENT:**

a) Integrated Rural Development Programme. (I.R.D.P)	-	-	-	-	-	240170	15000	12000	105000	1121.83	1500.09	136.00	280.00
b) Integrated Rural Energy Programme (IREP).	8	33	35	35	40	-	-	-	-	5.40	15.99	2.00	2.75

1	2	3	4	5	6	7	8	9	10	11	12	13	14
C) National Rural Employment Programme (NREP) RURAL LABOUR EMPLOYMENT GUARANTEE PROGRAMME (RLGP)/ JAMAHAR ROZGAR YOJNA (JRY).													
-	-	-	-	-	-	12171000	3360000	2016000	11900000	901.10	4954.00	254.00	1055.00
Sub-Total-1	8	33	35	35	40	12411170	3303000	2020000	12005000	2110.42	6469.00	392.00	1337.75
2. LAND REFORMS:													
a) Cadastral Survey and Record of Rights.	606	606	606	606	606	-	-	-	-	955.48	1500.00	245.00	100.00
b) Supporting Services.													
c) Consolidation of Holdings.	-	010	010	010	016	-	-	-	-	521.50	006.00	130.00	154.00
d) Strengthening of L.R.A.	-	105	104	104	2271	-	-	-	-	232.66	730.00	00.00	135.00
e) Revenue Housing.	-	-	-	-	-	07000	0000	17770	106666	39.15	60.00	5.00	10.00
f) Forest Settlement	105	105	105	105	105	-	-	-	-	117.35	100.00	31.00	35.00
SUB-TOTAL-2	791	1592	1511	1511	3078	07000	0000	17770	106666	1066.22	3366.00	499.00	514.00

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
3. Community Development.	118	106	106	110	118	-*	-	-	-	440.12	455.00	85.00	91.00
4. Panchayat	-	-	-	-	-	257770	34540	72730	372730	116.00	205.00	19.00	40.00
<b>TOTAL-II</b>													
<b>RURAL DEVELOPMENT</b>	<b>917</b>	<b>1731</b>	<b>1652</b>	<b>1656</b>	<b>3836</b>	<b>12755948</b>	<b>3426429</b>	<b>2918500</b>	<b>12484396</b>	<b>4540.78</b>	<b>10495.00</b>	<b>995.00</b>	<b>1902.75</b>
<b>III. SPECIAL AREA PROGRAMS</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>IV. IRRIGATION AND FLOOD CONTROL PROGRAMS:</b>													
1. Major and Medium Irrigation	18895	24960	24960	33818	48768	5578333	1790454	2615049	16397552	3430.60	8765.00	1090.00	1592.00
2. Minor Irrigation.													
3. Command Area Development.	-	-	-	-	-	454870	44444	93333	455596	312.64	410.00	40.00	84.00
4. Flood Control	3907	4706	4706	5763	5068	106666	24000	26667	159999	307.61	600.00	90.00	100.00
<b>TOTAL-IV-IRRIGATION AND FLOOD CONTROL PROGRAMS:</b>	<b>22002</b>	<b>29746</b>	<b>29746</b>	<b>39581</b>	<b>54836</b>	<b>6139069</b>	<b>1850098</b>	<b>2735049</b>	<b>15013107</b>	<b>4050.85</b>	<b>9775.00</b>	<b>1220.00</b>	<b>1776.00</b>
<b>V. ENERGY:</b>													
1. Power	11520	20407	18239	18695	20564	23725010	4745000	6271960	21369000	7014.40	5900.00	913.00	1103.00
2. Bio-Gas Development	75	76	104	104	104	100000	26500	194315	921550	166.42	-390.65	26.25	40.25
<b>TOTAL-V ENERGY:</b>	<b>11595</b>	<b>20483</b>	<b>18343</b>	<b>18799</b>	<b>20668</b>	<b>23825010</b>	<b>4841590</b>	<b>4466275</b>	<b>22291350</b>	<b>7180.82</b>	<b>6370.65</b>	<b>939.25</b>	<b>1231.25</b>

\* Inconvertible, included under NREP & RLSP/JRY for Construction Phase.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>VI. INDUSTRY AND MINERALS:</b>													
1. Village and Small Industries.	235	270	297	450	520	-	-	-	-	211.20	400.00	71.50	106.20
2. Large and Medium Industries.	13	25	61	83	117	-	-	-	-	12.00	140.00	23.00	40.50
3. Mining.	-	47	63	125	200	-	-	-	-	15.00	150.00	20.00	30.00
<b>TOTAL-VI: INDUSTRY &amp; MINERALS.</b>	<b>248</b>	<b>342</b>	<b>421</b>	<b>658</b>	<b>845</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>238.20</b>	<b>779.00</b>	<b>114.50</b>	<b>176.70</b>
<b>VII. TRANSPORT:</b>													
1. Civil Aviation.	-	11	12	20	30	270000	120000	140000	250000	602.00	300.00	25.00	40.00
2. Roads and Bridges	-	200	200	200	300	22567745	4020000	5250000	27250000	4110.01	7400.00	971.60	1304.00
3. Road Transport	-	18	18	51	51	570000	125333	120000	024000	275.99	571.00	00.50	06.00
4. <u>Other Transport Services.</u>													
Ropeways/Cableways.	-	-	-	-	-	6647	7500	15000	75000	1.00	25.00	2.50	5.00
<b>TOTAL-VII-TRANSPORT</b>	<b>-</b>	<b>229</b>	<b>230</b>	<b>271</b>	<b>381</b>	<b>23414302</b>	<b>4280033</b>	<b>5533000</b>	<b>20399000</b>	<b>5071.30</b>	<b>0304.00</b>	<b>1007.60</b>	<b>1525.00</b>
<b>VIII. SCIENCE, TECHNOLOGY AND ENVIRONMENT</b>													
	-	37	38	47	65	-	-	-	-	-	110.06	-	22.51



1	2	3	4	5	6	7	8	9	10	11	12	13	14
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**IX. GENERAL ECONOMIC SERVICES:**

1. Secretariat Economic Services.	97	142	142	142	142	-	-	-	-	225.01	400.00	60.00	80.00
2. Tourism.	200	300	350	400	1050	050000	240000	200000	050000	636.00	1325.00	215.00	240.00
3. Survey and Statistics.	6	46	46	50	50	-	-	-	-	44.14	93.00	15.00	16.40
4. Civil Supplies.	266	45	45	48	05	-	-	-	-	75.36	225.00	36.90	40.00
5. Weights and Measures.	2	13	13	13	-	-	-	-	-	10.70	56.00	7.00	0.00
6. Other General Services:													
a) Institutional Finance:	=	=	=	=	=	=	=	=	=	=	=	=	=

**TOTAL-IX-GENERAL ECONOMIC SERVICES:** 571 546 596 653 1327 650000 240000 290000 850000 1000.11 2000.90 341.90 385.40

**TOTAL-(A) ECONOMIC SERVICES:** 40106 58059 57024 60109 89641 104130360 23135944 25202072 133138147 33027.92 61030.03 7102.43 11433.70

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	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>XI. HEALTH:</b>													
1. Allopathy	3963	6147	6147	6425	6482	574936	99279	116522	559021	6951.69	8306.00	1720.16	1738.90
2. Ayurveda & Other ISMS.	202	724	724	755	803	70	20	22	80	202.43	1393.55	116.00 <sup>3</sup>	264.40
3. Medical Education.	10	20	30	40	60	110	120	130	200	210.00	522.00	95.00	95.00
<b>TOTAL-XI-HEALTH:</b>	<b>4103</b>	<b>6891</b>	<b>6891</b>	<b>7220</b>	<b>7345</b>	<b>575116</b>	<b>99419</b>	<b>116674</b>	<b>559301</b>	<b>7444.12</b>	<b>10311.55</b>	<b>1929.16</b>	<b>2097.60</b>
<b>XII. WATER SUPPLY, HOUSING, URBAN DEVELOPMENTS &amp; SANITATION:</b>													
1. Water Supply, Sewerage Sanitation.	600	1096	1096	1096	1096	1653092	1330000	3163636	16400000	8001.51	33000.00	2756.00	5110.00
2. Housing Including Police Housing.													
a) Pooled Govt. Housing.	135	52	52	52	75	5946000	697290	771750	3950000	1570.00	1500.00	253.60	204.00
b) Urban Housing.													
<b>SUB-TOTAL-1 &amp; 2:</b>	<b>735</b>	<b>1148</b>	<b>1148</b>	<b>1148</b>	<b>1171</b>	<b>7599092</b>	<b>2027290</b>	<b>3935306</b>	<b>20350000</b>	<b>10479.51</b>	<b>36500.00</b>	<b>3009.60</b>	<b>5404.00</b>

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>3. Urban Development:</b>													
a) Town and Country Planning.	46	152	172	192	252	240166	40000	40000	200000	246.00	432.50	41.50	55.00
b) Environmental Improvement of Urban Slums.	-	-	-	-	-	170000	60000	72000	270000	102.00	100.00	40.00	48.00
c) Urban Local Bodies.	-	17	17	17	17	-	-	-	-	30.80	70.00	11.00	12.00
<b>SUB-TOTAL-3.</b>	<b>46</b>	<b>169</b>	<b>189</b>	<b>209</b>	<b>269</b>	<b>410166</b>	<b>100000</b>	<b>112000</b>	<b>470000</b>	<b>370.80</b>	<b>602.50</b>	<b>92.50</b>	<b>115.00</b>

629- TOTAL-XII WATER SUPPLY, HOUSING AND URBAN DEVELOPMENT AND SANITATION:	781	1317	1337	1357	1448	8009250	2127290	4047386	20020000	10058.31	35262.50	3102.10	5519.00
XIII. INFORMATION AND PUBLICITY.	37	107	105	50	100	-	-	-	-	206.77	520.00	69.66	87.00
XIV. WELFARE OF SCs/STs/OBCs.	-	24	24	24	24	11	11	11	11	29.49	90.00	15.50	18.00
XV. LABOUR AND EMPLOYMENT.	17	92	106	147	207	-	-	-	-	82.65	260.00	30.00	45.00
XVI. SOCIAL WELFARE AND NUTRITION:	-	7	7	7	7	-	-	-	-	3.20	25.00	2.70	5.00
<b>TOTAL-(B)</b>													
<b>SOCIAL SERVICES:</b>	<b>5052</b>	<b>31811</b>	<b>32225</b>	<b>33350</b>	<b>35639</b>	<b>12263005</b>	<b>3002720</b>	<b>4000071</b>	<b>24709312</b>	<b>25601.00</b>	<b>66737.43</b>	<b>8242.30</b>	<b>12023.00</b>

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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C. GENERAL SERVICES:

XVII. GENERAL SERVICES:

1. Stationery and Printing.	100	150	150	150	150	-	-	-	-	412.57	550.00	80.00	100.00
2. Public Works (Pooled Non-residential Govt. Buildings.*													
3. Others:													
a) HIPA	3	21	21	21	21	152000	28333	40000	243333	105.61	300.00	30.00	40.00
b) Nuclea Budget for Tribal Areas	-	-	-	-	-	-	-	-	-	-	-	-	-
c) Tribal Dev. Machinery.	7	7	7	7	7	-	-	-	-	11.27	28.00	3.00	4.00

TOTAL-C-GENERAL SERVICES:	110	170	170	170	170	152000	28333	40000	243333	529.45	800.00	83.00	152.00
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GRAND TOTAL (ALL SECTORS) A+B+C:	46068	80948	89427	101725	125480	116555145	26166007	30330743	150170792	50150.17	128655.46	15437.81	23609.58
						(426942)	(95850)	(311102)	(579380)				

N.B. Figures in brackets indicate number of person years.

\* Information <sup>included</sup> under head Housing including Police Housing.



Sub. Director Systems Unit,  
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