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**DRAFT  
ANNUAL PLAN  
1990-91**



**PLANNING & DEVELOPMENT  
DEPARTMENT  
GOVERNMENT OF SIKKIM**

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309.25  
SIK-D

DRAFT ANNUAL PLAN 1990-91

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## INTRODUCTION

### ANNUAL PLAN 1990-91

The broad strategy to be followed as far as Sikkim is concerned during the Eighth Five Year Plan has been outlined in the main document containing the proposals for the State during the period 1990-95. This interalia indicates that the State would be aiming at a growth rate of approximately 10% per annum, by stepping up the quantum investment, improvement in the efficiency with which capital is being utilised, reduction in the capital output ratio, and an improvement in the Science & Technology content in the development plan. While the sectors of energy and infrastructure development would continue to receive high priority, the areas of human resource development, improvement in the quality of life and environmental conservation will receive much greater attention with more sharply defined programmes. Creation of adequate employment opportunities, reorientation of the education system, special programmes to provide supplementary income in the rural areas will also receive pointed attention during the plan period.

Keeping this basic focus in mind the overall outlays required for the various programmes have been outlined in the draft Eighth Plan document. In the initial years of the plan the emphasis will be on completion of the ongoing projects as quickly as possible and new projects to be taken up will be after a clear assessment of their essentiality, economic viability and the benefits that the society will derive. An effort will be made to see that gestation periods are reduced, and cost and time overruns avoided to the maximum extent possible. Care will be taken to see that there is a significant improvement in project management techniques and close monitoring of projects will be emphasised upon.

In proposing the overall outlay for the year 1990-91, the completion of the ongoing projects has been given priority attention. The power projects which have been started during the Seventh Five Year Plan need to be completed as quickly as possible and for this purpose the phasing of expenditure has been tailored to achieve this objective. No doubt some new projects will have to be taken up in sectors such as health, industries, rural development, panchayats and in the agriculture and science and technology sector. With the increasing emphasis on environmental conservation it is necessary to enhance the effort in regard to rehabilitation of degraded forest and increasing the areas to be covered under the various afforestation programmes.

It is proposed to commence work on the Central Referral Hospital in the first year of the plan and so also the expansion programme in regard to electronics in the industry sector. Work on the establishment of a tissue culture laboratory, programme for the promotion of horticulture and floriculture in the agricultural sector, strengthening of the remote sensing unit, increase in the activities of the Panchayat Raj Institutions are some of the other areas which will have to receive attention in the very first year of the plan so that these projects come to fruition during the Eighth Plan and the benefits are available to the people as early as possible.

The promotion of tourism will be another major thrust area during the Eighth Plan and the necessity to strengthen the infrastructure provide entertainment facilities, increase accommodation and promote tourism as major industry has to be given due importance and necessary provisions have been incorporated in the first year of the plan. With reorientation of the strategy relating to

education, the need for creating facilities for technical education will be due importance and commencement of work for the establishment of a training-cum-production-cum-service centre has been provided for in the first year of the plan.

It is essential that in the very first year of the plan, we put our best foot forward so that the momentum that has been built up in the State's economic growth during the Seventh Five Year Plan is sustained. A clear direction needs to be lent to the State's development effort during the Five year period by laying the right emphasis and commencing the project envisaged with adequate funding arrangement during the first year of the Plan. It is keeping in mind these considerations that the sectoral outlays have been proposed and the total outlay for the first year of the plan will have to be Rs.95.86 crores. This provision which represents approximately 18% of the overall Eighth Plan outlay of Rs.532.85 crores will, it is believed help in laying a sound foundation for rapid economic and social development during the Eighth Five Year plan period.



EIGHTH FIVE YEAR PLAN-PROPOSALS FOR ANNUAL PLAN: 1990-91  
HEADS OF DEVELOPMENT  
OUTLAYS AND EXPENDITURE

STATEMENT: GN-1  
 RS. IN LAKHS

CODE NO.	HEAD/SUB-HEAD OF DEVELOPMENT	7TH FIVE YEAR PLAN (1985-90) AGREED OUTLAY	1985-86	ACTUAL EXPENDITURE			ANNUAL PLAN 1989-90		ANNUAL PLAN 1990-91	
				1986-87	1987-88	1988-89	APPROVED OUTLAY	ANTICIPATED EXPENDITURE	PROPOS. OF OUTLAY	WHICH CAPITAL
0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
	ECONOMIC SERVICES									
	I. AGRICULTURE & ALLIED SERVICES:									
101 240100	Crops Husbandry	1404.00	260.00	282.56	280.00	331.73	358.25	258.25	289.00	44.00
240200	Soil & Water Conservation	1000.00	160.00	176.14	175.00	187.66	203.25	203.25	300.00	-
240300	Animal Husbandry	931.00	135.00	144.21	158.99	186.62	204.25	204.25	247.00	46.00
240400	Dairy Development	75.00	15.00	16.26	21.89	21.56	23.75	23.75	17.00	1.00
240500	Fisheries	120.00	20.00	16.50	13.00	20.87	19.00	19.00	50.00	33.51
240600	Forestry & Wild Life	950.00	160.00	155.13	180.1	196.32	223.25	223.25	400.00	25.00
240700	Plantations	-								
240800	Food, Storage & Warehousing	45.00	8.00	3.78	8.00	11.59	11.50	11.50	12.00	12.00
241500	Agricultural Research & Education	65.00	13.00	11.32	11.00	21.46	33.25	33.25	35.00	10.00



0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
241600	Investment in Agri. Fin. Institutions-									
243500	Other Agricultural Programmes									
243501	a) Marketing & Quality Control	60.00	9.00	9.70	8.00	11.29	14.25	14.25	15.00	4.00
243560	b) Others(to be specified)	-								
242500	Co-operation	200.00	45.00	38.62	30.00	36.18	47.50	47.50	58.00	21.00
101 000000	<u>Total (I)</u>	<u>4850.00</u>	<u>825.00</u>	<u>854.22</u>	<u>885.98</u>	<u>1027.30</u>	<u>1138.25</u>	<u>1138.25</u>	<u>1523.00</u>	<u>196.50</u>
	II. RURAL DEVELOPMENT									
102 250100	SPECIAL PROGRAMMES FOR RURAL DEVELOPMENT									
250101	(a) Integrated Rural Development Programme (IRDP)	60.00	20.00	19.00	30.00	22.50	22.00	22.00	30.00	-
250102	(b) Drought Prone Area Programme (DPAP)	-								
250104	(c) Integrated Rural Energy Programme (IREP)	50.00	10.00	0.73	10.00	7.05	15.00	15.00	20.00	-
102 250500	RURAL EMPLOYMENT									
250501	(a) National Programme like National Rural Employment Programme (NREP)	90.00	25.00	23.75	26.00	22.66	-	-	-	-
250560	(b) Jawahar Rojgar Yojana	-	-	-	-	-	50.00	50.00	100.00	-
	(c) Other Programme (like Employment Guarantee schemes etc.(to be specified)									
102 250600	Land Reforms	120.00	20.00	28.29	22.00	23.02	22.75	22.75	9.00	4.00
251500	Other Rural Development Programme including Community Development and Panchayats	75.00	15.00	5.74	12.00	15.18	13.25	13.25	174.00	20.00
102 000000	<u>Total (II)</u>	<u>397.00</u>	<u>90.00</u>	<u>77.51</u>	<u>100.00</u>	<u>90.41</u>	<u>123.00</u>	<u>123.00</u>	<u>333.00</u>	<u>24.00</u>

0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	
103	000000	III. SPECIAL AREA PROGRAMMES:									
		IV. IRRIGATION & FLOOD CONTROL:									
104	270100	Major & Medium Irrigation -	10.00	-	-	-	-	-	-	-	
	270200	Minor Irrigation	1000.00	135.00	237.00	228.70	181.44	190.00	190.00	190.00	
	270500	Command Area Development	-	-	-	-	-	-	-	-	
	271100	Flood Control Project (including anti-sea erosion etc.)	105.00	15.83	23.12	30.00	5.36	23.75	23.75	25.00	
104	000000	<u>Total (IV)</u>	<u>1105.00</u>	<u>160.83</u>	<u>260.12</u>	<u>258.70</u>	<u>186.80</u>	<u>213.75</u>	<u>213.75</u>	<u>215.00</u>	
		V. ENERGY									
105	280100	Power	3894.00	613.12	1080.29	1243.91	1593.92	1301.50	1301.50	1870.00	
	281000	Non-conventional sources of Energy	100.00	10.00	12.96	15.00	36.90	28.50	28.50	22.00	
105	000000	<u>TOTAL:(V)</u>	<u>3994.00</u>	<u>623.12</u>	<u>1093.25</u>	<u>1258.91</u>	<u>1550.82</u>	<u>1330.00</u>	<u>1330.00</u>	<u>1892.00</u>	
		VI. INDUSTRY & MINERALS									
106	285100	Villages & Small Industries	330.00	70.00	57.13	65.00	75.36	90.25	90.25	175.00	
	285200	Industries (other than village & small Industries)	370.00	70.00	104.28	160.00	137.27	143.50	143.50	541.00	
	285302	Mining	150.00	30.00	31.05	25.00	20.61	17.00	17.00	14.50	
106	000000	<u>Total:(VI)</u>	<u>850.00</u>	<u>170.00</u>	<u>192.36</u>	<u>250.00</u>	<u>233.24</u>	<u>250.75</u>	<u>250.75</u>	<u>730.50</u>	
		VII. TRANSPORT:									
107	305100	Ports & light houses	-	-	-	-	-	-	-	-	
	305200	Shipping	-	NOT APPLICABLE							-
	305300	Civil Aviation	-	-	-	-	-	-	-	-	
	305400	Roads & Bridges	3740.00	840.45	1164.54	981.51	1068.47	1064.00	1064.00	1302.00	
	305500	Roads Transport	728.00	130.00	179.03	140.00	176.29	209.00	206.00	366.00	
	305600	Inland Water Transport -	-	-	-	-	-	-	-	-	
	307500	Other Transport Services (to be specified)	-	-	-	-	-	-	-	-	
		Helicopter Services	-	-	-	55.70	52.65	47.50	47.50	-	
107	000000	<u>Total:(VII)</u>	<u>4468.00</u>	<u>970.45</u>	<u>1343.57</u>	<u>1177.21</u>	<u>1297.41</u>	<u>1320.50</u>	<u>1320.50</u>	<u>1668.00</u>	

0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	
108	000000	VIII. COMMUNICATIONS:									
109	340000	IX. SCIENCE TECHNOLOGY & ENVIRONMENT									
	342500	Scientific Research,									
		including S&T)									
	343500	22.00	2.00	7.23	7.00	7.60	9.50	9.50	31.00	10.00	
		Ecology & Environment									
		56.00	8.00	7.86	6.00	12.09	21.00	21.00	45.00	-	
109	000000	<u>Total:(IX)</u>	<u>80.00</u>	<u>10.00</u>	<u>14.29</u>	<u>13.00</u>	<u>19.69</u>	<u>30.50</u>	<u>30.50</u>	<u>76.00</u>	<u>10.00</u>
		X. GENERAL ECONOMIC SERVICES:									
110	345100	Sectt. Economic Services									
	345200	76.00	12.00	9.26	14.00	17.46	26.50	26.50	54.00	-	
	345400	200.00	26.00	40.40	43.00	57.32	57.00	57.00	133.00	93.00	
		Survey & Statistics									
	345600	45.00	7.00	5.53	8.00	11.27	11.50	11.50	18.00	3.00	
	347500	55.00	10.00	8.73	10.00	8.72	14.25	14.25	2.50	3.75	
		Other General Economic Services:									
	{a}	Weight & Measures	22.00	4.00	4.65	5.00	4.01	3.75	3.75	4.00	-
	{b}	Others(to be specified)	-	-	-	-	-	-	-	-	-
110	000000	<u>Total:(X)</u>	<u>398.00</u>	<u>59.00</u>	<u>69.17</u>	<u>80.00</u>	<u>99.28</u>	<u>113.00</u>	<u>113.00</u>	<u>217.50</u>	<u>99.75</u>
		Total(A)-									
		Economic Services:	16142.00	2908.40	3904.49	4023.80	4504.95	4519.75	4519.75	6655.00	4584.25
		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
		XI. SOCIAL SERVICES:									
		EDUCATION, SPORTS, ART & CULTURE:									
221	220200	General Education									
	220300	Technical Education									
	220400	Sports & Youth Services									
		140.00		26.96	45.00	32.48	42.75	42.75	60.00	15.00	
	220500	Art & Culture									
		160.00	25.00	59.56	50.00	55.33	85.50	85.50	80.00	25.00	
221	000000	<u>Total:Education, Sports, Art &amp; Culture</u>	<u>2800.00</u>	<u>550.00</u>	<u>761.97</u>	<u>885.00</u>	<u>951.63</u>	<u>1058.75</u>	<u>1058.75</u>	<u>1070.00</u>	<u>360.00</u>



0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
207000	Others (to be specified) -									
300 000000	Total(C) (General Services)	<u>515.00</u>	<u>85.00</u>	<u>143.10</u>	<u>518.24</u>	<u>123.18</u>	<u>146.25</u>	<u>146.25</u>	<u>263.50</u>	<u>217</u>
999 999999	GRAND TOTAL (A+B+G)	23000.00	4364.41	5737.00	6317.80	6537.14	6762.00	6762.00	9560.50	63

NOTE: EXCESS EXPENDITURE IS MAINLY ON ACCOUNT OF STOCK SUSPENSE UNDER IRRIGATION, POWER, ROADS & BRIDGES, PUBLIC WORKS DURING 1986-87, 87-88 and 88-89 WHICH HAVE BEEN SUBSEQUENTLY ADJUSTED ON THE BASIS OF RECOVERIES.

## A G R I C U L T U R E

AGRICULTURE RESEARCH AND EDUCATION: RS. 35.00 LAKHS

AGRICULTURE RESEARCH:RS. 25.00 lakhs

In order to identify the most ideal and feasible cropping sequences of different agro. climatic-zones and elevations in terms of grain yield, caloric value and monetary return, during the first year of Eighth Five Year Plan (1990-91) varietal, screening and breeding, selection, adaptive trials on cereals, pulses, oil seeds, vegetables, fruits commercial crops, tubers, rhizometric crops and spices crops in 125 different numbers will be conducted. Fertilizer response trials on cereals 60 nos., on pulses- 8 nos., on oil seeds- 6 nos., on vegetable- 50 nos, on fruits- 8 nos, on commercial crops like cardamom- 4 nos., potato seed- 4 nos., Ginger- 4 nos, on other tuber crops- 3 nos and on spices and condiment crops- 3 nos, will be conducted. Adaptive trials on Agronomic practices like spacing, seed size, seed rate, date of sowing, crop economics, crop rotation, plant population density 150 nos., will be conducted. One Research centre for medicinal plant and One Green House will be established. Further 350 numbers of Minikit trials will be conducted. Efficacy trials of Fungicides, Insecticides,, Weedicides, Nematicides, Rodenticides, Acharicides on various crops will also be undertaken. For the above research programmes a sum of Rs. 25.00 lakhs has been proposed.

B. AGRICULTURE EDUCATION:Rs. 10.00 lakhs

To develop<sup>a</sup> cadre of technically qualified and competent personnel at various levels through in-service training, both within and outside the country during 1990-91, 2 Field Officers for post graduate<sup>course</sup>, 4 Field staff for graduate course, 10 field staff for diploma

course will be identified and deputed for training. 8 officers and staffs will also be sent for short duration courses. Seminars and workshops numbering - 5 in total will be organised. One Library <sup>with</sup> latest reference books will be established. One educational tour for ten persons <sup>organised</sup> also will be <sup>organised</sup>. For achieving the above programmes Rs. 10.00 lakhs has been proposed.

II. CROP HUSBANDRY : Rs. 389 .00 lakhs

I. DIRECTION & ADMINISTRATION: Rs. 4.00 lakhs

With the delegation of financial sanctioning powers to the District level the system of Accounts managements and planning and monitoring of schemes will be streamlined. A Planning and Monitoring Cell with supportive manpower will be created. For this a sum of Rs. 4.00 lakhs has been proposed.

2. SEEDS MULTIPLICATION & DISTRIBUTION: Rs. 45.00 lakhs

Improved seeds are of fundamental importance in any programme of agricultural development. To achieve higher productivity standards by the farmers the seeds should reach the farmers at the right time and in adequate quantities. During 1990-91 Seeds production of Cereals 290, Pulses 60, Oilseeds 60, Potato 3,500, Ginger 330, Vegetables 30, and others 30 and in total 4,300 tonnes have been targetted and further, 6,000 samples of seeds will be tested. Under the Seed Certification Programme 5000 hectares will be covered and 100 tonnes of Seeds will be scientifically processed.

Under Seeds distribution programme, Cereals 550, Pulses 160, Oilseeds 110, Potato 960, Ginger 330, Vegetables 40, and others 50 totaling 2,200 tonnes will be distributed. 7 nos. of staff quarters will be constructed during the year. One truck for seed distribution is

proposed to be purchased. Two Jeeps for seed processing and seed certification programme will be purchased. New posts of Seed analyst 1, Manager Seed processing 1, Seed Certification Officer 4, Assistant Manager Seed Processing 1, Field Inspectors 4, Field Assistants 4, Drivers 2, Accountant 1, Store Keeper 1, Clerk/Stend/ Typist 2, Lab. Assistant 2, and Peom/ Chawkidars 2 will be created. For achieving this targets Rs. 45.00 lakhs has been proposed.

3. AGRICULTURE FARMS: Rs. 40.00 lakhs

Regional Centre and Regional sub-centre farms at different altitudes play a pivotal role in carrying out, extension, activities covering inputs distribution, land use planning, demonstration of latest crops production technology, raising seedlings, multiplication of seeds and conduct of adaptive trials. During 1990-91 one Regional Sub-Centre, 5 V.L.W. Centres, one Demonstration Farm will be established. For this purpose 4 hectares of land will be acquired. Land development in 5 hectares and fencing will be executed. Irrigation facility will be provided covering a Command area of 8 hectares, and 600 nos of demonstrations will be conducted in the V.L.W. circle and Demonstration Farms. 800 mtr. of footpaths in existing farms will be constructed. For achieving these targets a sum of Rs. 40.00 lakhs has been proposed.

4. MANURES & FERTILIZER: Rs. 85.00 lakhs

Manures and fertilizers are the most important inputs to enhance productivity and production of crops. During 1990-91 the consumption of balanced nutrients will be promoted by distributing 1,900 tonnes of Nitrogen ,



950 tonnes of phosphorus, 350 tonnes of potash. 2.800 hectares of land will be covered under Micro-nutrients, 1,800 hectares under trace elements and 6,500 hectares under bio-fertilizers. Construction of Compost Pits- 1000 nos., organisation of fertilizer demonstration- 1,600 hectares and opening of new sales points- 40 nos, have been envisaged. For these programme a sum of Rs. 85.00 lakhs has been proposed.

5. HIGH YIELDING VARIETIES PROGRAMMES: Rs. 32.00 lakhs

This scheme is a crucial element in the overall development effort to bring about agricultural productivity. During 1990-91, area under rice- 13,000 hec., wheat- 12,700 hec, maize- 25,000 hec. will be covered under High Yielding Varieties programme. Besides these, it is targetted to cover 29,000 hec. under improved varieties and conduct 5000 nos. of minikit trials and 2000 demonstration plots. For the above purposes Rs. 32.00 lakhs is proposed.

6. COMMERCIAL CROPS: Rs. 55.00 Lakhs

The crops like large cardamom, ginger, potato, turmeric, tapioca, etc. have high commercial value and are instrumental in determining the economic standards of the rural people. During 1990-91 one potato seed Farm will be established. The targets for the year are seed production - 3,1400 tonnes, procurement and distribution 960 tonnes, Breeder seeds potato procurement - 10 tonnes, potato production- 36,000 tonnes and establishment of 400 demonstrations plots of 0.20 hec. each. For supervising these programmes posts of One Potato Development Officer, one Agriculture Inspector and one Field Assistant will be created. In view of the Government policy

7. PLANT PROTECTION: Rs. 27.00 lakhs.

Sikkim's climatic condition are ideal and conducive for proliferation of diseases and pests in endemic or epidemic forms. The losses of crops in fields and under storage have been quite high ranging from 5 to 30%. Among others, Rhizomes rot in Ginger, Potato blight and apple scab are serious threat to farmers. During 1990-91 the consumption of pesticides in technical grade material is kept at 33 tonnes. Area coverage under Plant Protection programmes has been targetted at 59,400 hectares. One Mobile Unit and one Plant Protection Laboratory will be established during the year. 4,000 houses will be taken up under stored grain pests control campaign. 5,000 houses will be taken up under rodent control campaign. Under diseases and pests control programmes 1200 hec. under large cardamom, 500 hec under Orange, 400 hec under Ginger, 600 hec. under Potato, 300 hec. under Peas and 400 hec. under vegetables will be treated with different insecticides and fungicides. Also a special programmes for revival of apple plantation in 40 hec. will be undertaken with appropriate treatment measures. Distribution of 100 seed bins and 100 nos. of plant protection equipments will be undertaken. For achieving these targets Rs. 27.00 lakhs has been proposed.

8. EXTENSION & TRAINING: Rs. 10.00 lakhs

Extension and training activity is a crucial input for effective transfer of technology to the farmers. This involves adoption of extension methodology to disseminate scientific knowledge at the grass root level through a system of training, audio visual

protein  
of promoting rich food, recycling of agricultural wastes and creation of employment opportunities the scheme of mushroom development will be taken up in earnest. During 1990-91 Spawn production: 2,000 bottles, production of fresh Mushroom 5 tonnes, adaptive trials and research 5 nos. each demonstration 30 nos., Mushroom cultivation training 50 farmers, establishment of growers Association 1 no., and Community collection centre 11 no., have been targetted.

Cardamom is the most important cash crop which fits well under agro-forestry system and yield returns to growers over a long period. The main constraints in the field of cardamom are lower productivity, <sup>degenerating</sup> plantations and primitive cultivation and management practices. To overcome these during 1990-91 replantation of old cardamom plantation in 100 hec will be taken up establishment of certified cardamom nurseries propagating of planting materials at Government farms numbering 1,00,000 nos., establishment of Improved Cardamom Curing houses, 30 nos have been envisaged. Further under other crops, target in respect of ginger seed distribution 50 tonnes, tuber and minor commercial crops seeds distribution 20 tonnes, introduction of and identification of suitable varieties of ginger and other tuber crops 20 tonnes and Bank loan subsidy for ginger cultivation covering 100 hec. have been envisaged. For achieving the targets Rs. 55.00 lakhs has been proposed.

aids, printed materials, meeting, field days, exhibition, crop competition, conducted tours, group discussion including practical demonstration of crops production.

During 1990-91 training of 5000 farmers, making of documentary film, publication and distribution of leaflets, booklets etc, organisation of 54 nos. of farmer's field days programme, organisation of Seminars workshops, organisation of 700 nos. of demonstrations and organisation of educational tours to benefit 20 farmers have been envisaged. To achieve the targets Rs. 10.00 lakhs has been proposed.

9. AGRICULTURE ENGINEERING: Rs.. 12.00 lakhs

In order to introduce simple mechanical devices to work on soils and improve productivity and thereby bring about improvement in yields of crops, <sup>the</sup> Agriculture Engineering Workshop will be strengthened. Basic agricultural implements as threshers, horticultural tools, plant protection equipments, seed drills, cultivators, shellers, seed extractors, seed bins will be procured for distribution. During 1990-91 it is targeted to distribute 6500 nos of hand tools,, 5,250 nos of horticultural tools, 1,250 nos of other tools and implements besides undertake production of 4500 nos. of hand tools and implements , demonstration for 1000 nos. of farmers and establishment of 1 agro service centre. New posts of 4 Supervisors, 4 Mechanical operators, ~~one~~ each of electrician, plumber and carpenter and 4 Assistant mechanics will be created. Also one truck will be purchased. For achieving the targets Rs. 12.00 lakhs has been proposed.

10. AGRICULTURE ECONOMICS AND STATISTICS: Rs. 6.00 lakhs

Generation of reliable data on all aspects of Agriculture is of crucial importance to the State and so far this aspect has not received adequate attention. A proper system of collection, analysis, and dissemination of data needs to be developed and data generated organised on the basis of crop cutting experiments. A proper machinery with an Agriculture Economic, Statistician and supporting staff will be organised. During 1990-91, 7000 nos., of crop cutting experiments and 12 nos of survey for estimation of economics of crop production, will be executed. New posts of one Agriculture Economist, two Compiler, one Agriculture Inspector, two Typist/L.D.O., one driver and one peon will be created. Also one Jeep will be purchased for these Survey works. For achieving  $\angle$  targets Rs. 6.00 lakhs has been proposed.

11. DRYLAND DEVELOPMENT: Rs. 8.00 lakhs

Dryland farm is a relatively new area of action for Sikkim. With the promotion of dryland farming in terms of selecting suitable crops, improved water management and farming practices etc. productivity and production of crops can be increased. A package of measures in selected micro-water sheds with a view to improve productivity, introduced proper water harvesting techniques and tank irrigation methods, application of fertilizers etc. will play a major role in dryland development. These practices will be advocated and encouraged and technologies of inter-cropping, evaporation control, land development and motivation of farmers will be taken up. This scheme will receive

special attention since it forms part of the 20 Point Programme under the item of "strategy for rainfed agriculture."

During 1990-91, 4 nos of Water Shed will be selected, 4,000 hectares area of selected Micro-Water shed will be covered, 80 nos. of tank for Water Harvesting will be distributed, 400 hectares of land will be developed, 2,100 nos. of tools and implements will be distributed, 300 tonnes of High Yielding seeds will be distributed and also 150 tonnes fertilizers will be distributed in the identified areas. 15,000 hectares of area will be covered under Rainfed/Dryland farming practices outside the selected water sheds. New posts of one Compiler and one Typist will be created and also one Jeep will be purchased for the purpose. To achieve this target Rs. 8.00 lakhs has been proposed.

12. HORTICULTURE: Rs. 55.00 lakhs

The Agro-climatic conditions in the State are conducive for producing wide varieties of fruits like orange, guava, banana, plum, peaches and pears etc. and New fruits such as avocado/straw-berries also will be introduced. Production of proper planting materials, establishment of progeny orchards, replantation of old and uneconomical orchards will be taken up. Programme will also cover off-season vegetable production and a definite programme for the propagation of floriculture. The targets for 1990-91 proposed are 1,100 hec. of new orchards, 6 lakhs number of plant-

ing materials distribution and 100 hec of replantation of old degenerated orchards. Establishment of one progeny orchard, propagation of planting of fruits covering 4,19,000 nos., subsidy grant for bank financing for 75 hectares of land, rejuvenation of declining citrus orchards covering 75 hec. of land, promotion of non-traditional fruits- 30 hec. and adaptive trials- 2 nos. are the proposed target for the first year of Eighth Five Year Plan.

Vegetable cropping programme around township is targetted at 100 hec., off-season vegetable cultivation in 150 hec. and demonstration of vegetable in 100 hec. of land will be executed during the year.

Under Floriculture, planting material propagation of flowers- 2 lakhs nos, development of flower nurseries at farmers' field- 4 nos., development of small size orchidarium, subsidy grant for bank loan financing in 20 hec. of land etc. are targetted for the year. To achieve the above targets Rs. 55.00 lakhs has been proposed.

13. ASSISTANCE TO SMALL AND MARGINAL FARMERS:Rs. 10 lakhs.

This relates to a C.S.S. scheme on equally sharing pattern which is intended to benefit small and marginal farmers including the weaker sections of the community. The scheme is funded by the Central and State Government on 50:50 basis and competent-wise percentage of annual allocation are :-

- (i) Subsidy on Minor irrigation - 70% of total outlay.

- (ii) Land Development - 20 % of total outlay and
- (iii) Distribution of Minikit seeds- 10% of the total outlay.

The physical target kept for 1990-91 are Land development - 320 hectares, Minikitts- 2,000 nos., Minor irrigation- 140 hectares of land.

To achieve the above targets the Annual Plan outlay representing the State share is proposed <sup>at</sup> Rs. 10.00 lakhs.

14. STORAGE AND WAREHOUSING: Rs.: 12.00 lakhs

In addition to 10,000 tonnes storage capacity developed during the Seventh Five Year Plan, another 10,000 tonnes additional storage capacity will have to be created for storing agriculture inputs. Government farm produce and growers produce. For building these infrastructure resources will be pooled from State Plan provision and also the centrally sponsored scheme on National Grid of Rural Godown. The target for the year 1990-91 are Scientific storage facilities for Government farm - 2 nos., inputs stores- 1 nos, rural godowns- 3 nos. and creation of additional storage capacity- 10,000 metric tonnes. Total provision of Rs. 12,00 lakhs has been proposed for the above purposes.

15 AGRICULTURE MARKETING AND QUALITY CONTROL:Rs. 15.00 lakhs

Absence of marketing infrastructure continues to be the greatest hurdle in promoting cultivation of cash and commercial crops on a massive scale. To support farmers in this respect there are two apex marketing organisation namely the State Supply and



marketing Federation and Denzong Agriculture Marketing Society Ltd. However, the bulk of farm produce in the State continues to be handled by middle man and farmers are exploited to the maximum extent. The departmental marketing section also undertakes to provide the marketing link in respect of seed potato, off-season vegetable, table potato etc. During 1990-91 promotional marketing of 350 tonnes of vegetables, 350 tonnes of off-season cabbage, 90 tonnes of table potato and 350 tonnes of seed potato are targetted. Further targets in respect of flowers production- 2 lakhs nos., Gladioli and other bulbs- 2 lakhs nos and other flowers- 40,000 nos. have also been set. One collection and grading centre is also proposed to be established. For the benefit of farmer growers it is proposed to continue to ensure remunerative prices for various farm produce by establishing support prices. Under the price support scheme it is targetted to cover 1000 tonnes of large cardamom, 200 tonnes of ginger, 100 tonnes of oranges and 160 tonnes of potato. Monitoring of prices of produce in various levels of market will be continued as part of the market intelligence activity..

AGRICULTURE  
EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY & EXPENDITURE

STATEMENT:GN-2  
RS. IN LAKHS

Code No:	Name of the Scheme/Projects	7th Plan 1985-90 Agreed Outlay	Actual Expen- diture 1985-88	1989-90		Annual Plan 1990-91	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
101 000000	1. Agriculture & Allied Services						
101 124010	Crop Husbandry	1379.00	1153.71	362.00	362.00	381.00	44.00
001	Direction & Administration	11.00	16.04	6.00	6.00	4.00	-
102	Food Grains Crops (high yield varieties Programme)	105.00	105.74	30.00	30.00	32.00	-
103	Seeds (Multiplication & Distribution)	180.00	140.27	40.00	40.00	45.00	5.00
104	Agriculture Farms	150.00	155.25	37.00	37.00	40.00	20.00
105	Manures & Fertilisers	280.00	243.60	85.00	85.00	85.00	-
107	Plant Protection	120.00	87.91	27.00	27.00	27.00	3.00
108	Commercial Crops	150.00	125.19	50.00	50.00	55.00	5.00
109	Extension & Training	50.00	45.05	9.00	9.00	10.00	3.00
110	Crop Insurance	-	-	-	-	-	-
111	Agri. Economic & Statistics	13.00	14.13	5.50	5.50	6.00	-
113	Agri. Engineering	60.00	42.47	11.50	11.50	12.00	3.00
115	Small & Marginal Farmers	40.00	23.30	10.00	10.00	10.00	-
119	Horticultural & Veg. Crops	220.00	154.76	51.00	51.00	55.00	5.00
800	Other Expenditure	-	-	-	-	-	-
012 41500	Agriculture Research & Education	65.00	63.08	33.50	33.50	35.00	10.00
004	Research Development	35.00	37.26	23.50	23.50	25.00	5.00
227	Agri. Education	30.00	25.82	10.00	10.00	12.00	5.00
01240800	Food Storage & Warehousing	45.00	37.38	11.50	11.50	12.00	12.00
02	Storage & Warehousing	-	-	-	-	-	-
800	Other Expenditure	45.00	37.38	11.50	11.50	12.00	12.00
022 51500	Other Rural Dev. Programmes	25.00	21.95	8.00	8.00	8.00	-
103	Dryland Development	25.00	21.95	8.00	8.00	8.00	-
012 43500	Other Agricultural Programmes	60.00	37.69	14.50	14.50	15.00	4.00
01	Marketing & Quality Control	-	-	-	-	-	-
102	Grading & Quality Control Facilities	60.00	37.69	14.50	14.50	15.00	4.00
	<b>Total:</b>	<b>1574.00</b>	<b>1313.81</b>	<b>429.50</b>	<b>429.50</b>	<b>451.00</b>	<b>70.00</b>



## SOIL AND WATER CONSERVATION:

Schemes relating to Soil and Water Conservation have great relevance to Sikkim because the sensitive geological structure and the torrential rains, the problems of soil erosion are considerable. The strategy adopted to tackle these problems have been mainly on taking up integrated package of measures including afforestation, scientific land management and protective works within the vulnerable water sheds. So far 30 water sheds had been identified where a great deal of developmental works have already been undertaken during the 6th and the 7th plan. Efforts in the 8th plan will be to consolidate the past investments within these existing water sheds. Apart from schemes confined within water sheds suitable steps had also been taken to arrest soil instability problems particularly in agricultural lands outside the Water Shed Areas. Such schemes will also continue to receive attention during the 8th plan. In addition certain Centrally Sponsored Schemes such as River Valley Project, and Integrated Soil and Water Conservation in the Himalayas will also be continued during the 8th plan. The three catchment areas of rivers Rangaet, Teesta and Rongnichu were studied by M/S Haq Consultants with a view to recommending measures for ensuring long term soil stability, conservation of green cover, treatment of catchment areas as well as conservation of water within these areas during the 8th plan implementation of the measures recommended by the Consultant will be undertaken.

For the Annual Plan 1990-91 a total outlay of Rs. 300 lakhs has been envisaged as per scheme wise detail, out lined below:--

1. DIRECTION AND ADMINISTRATION:RS. 4 LAKHS

In order to implement the recommendations of the Consultants for the three catchment areas it will be necessary to go for marginal addition to the manpower particularly in regard to specialist in soil conservation and engineering disciplines. For this purpose the above outlay has been provided.

II. SOIL SURVEY AND INVESTIGATION: RS: 16 LAKHS

The activities relating to Soil testing survey and investigation by both Agriculture and Land Use will be continued. Out of total outlay <sup>of</sup> Rs. 16 Lakhs, Rs. 7 lakhs is on account of scheme of soil testing implemented by the Agriculture Department, under which soil samples are collected and properly tested to recommend corrective measures for ensuring soil fertility. It is targetted to collect 155000 numbers of soil samples from throughout the State for the purpose of testing. Rs. 3 lakhs intended for soil survey and investigation programmes of the Agriculture Department is also a continuing activity under which Soil Survey and Research mapping are undertaken in collaboration with out side specialist. This programme is of great significance for formulation of projects and formulating proper land use plans. Apart from the above activities, provision of Rs. 6 lakhs has been made for continuing the soil and investigation programmes conducted by the Land Use Cell. During the year survey and investigation activities of the Land Use will cover 240 Hectares in the East District,

250 each in the West and South Districts and 255 Hectares in North District.

III. SOIL AND WATER CONSERVATION: RS: 244 LAKHS:

Under this caption three schemes are involved namely schemes relating to soil conservation within the Water Sheds, schemes covering areas outside Water Sheds and schemes for water conservation.

While the first mentioned programme is implemented by the Land Use the other two schemes will be implemented exclusively by the Agriculture Department. For programmes within the watersheds a total outlay of Rs. 180 lakhs has been proposed for taking up consolidation works within the identified water sheds. The activities will cover afforestation, protective works, pasture development as well as maintenance of existing nurseries including plantation areas. The target envisaged during 1990-91 is 680 hectares in East District, 1110 hectares each in West and South and 700 Hectares in North.

As regards schemes to be implemented by Agriculture Department outside the Water Shed Area a total provision of Rs. 60 lakhs has been proposed. Under this programme the activities include land terracing, bunching, minor protective works etc. including application of soil corrective measures. The target for the annual plan is 2500 hectares.. As regards the scheme for water conservation an outlay of Rs. 4 lakhs has been envisaged. The conservation measures under this scheme will include Mulching, provision of water harvesting tanks, plantation of suitable varieties of crops etc. During the year 200 hectares of land is targetted to be covered under this scheme.

IV: LAND RECLAMATION AND DEVELOPMENT :RS: 15 LAKHS

Out of the above outlay Rs. 10 lakhs is intended for continuing the scheme of soil reclamation which is a programme implemented by Agriculture Department. It is targetted to cover 1000 hectares of land under this programme. In addition to the above Rs. 5 lakhs has been provided exclusively for development of perennial water resources which is a new scheme proposed to be implemented by the Land Use Cell. It is targetted to cover 72 hectares of water area during the year.

V. GARLAND PLANTATION: RS. 8 LAKHS

This relates to continuing scheme implemented by the Agriculture Department under which plantation of suitable varieties of trees in garland pattern are undertaken for preventing excessive soil and water run off. During the year it is proposed to cover 1500 hectares of land under this scheme.

VI: COMMAND AREA DEVELOPMENT RS.12 LAKHS

This is a scheme primarily intended to develop area to benefit from irrigation schemes so that the required field channels, protective measures, land development etc. are adequately integrated and taken care of with the objective of ensuring that irrigation potential existing are fully utilised. It is proposed to introduce the sprinkler and drip irrigation systems wherever these may be found applicable. A target of 4000 hectares has been proposed under this programme.

VII: TRAINING RS: 1 LAKH

It is imperative to continuously up date know-  
ledge of departmental officers by providing in service  
training facilities so that the departmental personnel  
can keep abreast with the latest development in the  
fields of soil conservation and related activities. It  
is equally important to also educate the general public  
on ecology and environment as well as scientific  
land use management practices. For this purpose Rs. 1  
lakh has been proposed.





SOIL & WATER CONSERVATION

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN -1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT :GN-2  
(Rs. in lakhs)

Code No.	Name of the Scheme/Projects	7th Plan (1985-90) Agreed Outlay	Actual Expen- diture 1985-88	1988-89 Actual Expen- diture	1989-90		Annual Plan 1990-91	
					Approved	Anticipated	Proposed Outlay	Of Which Capital Content
101 240200	Soil & Water Conservation							
001	Direction & Administration	23.00	21.51	7.70	8.00	8.00	4.00	-
101	Soil Survey & Testing	20.00	16.51	15.01	13.00	13.00	16.00	-
	i. Soil Testing Agriculture	10.00	15.55	10.73	10.00	10.00	7.00	-
	ii. Soil Survey & Investigation	10.00	.96	4.28	3.00	3.00	3.00	-
	iii. Survey & Investigation(L.U.)	-	-	-	-	-	6.00	-
102	Soil Conservation	817.00	689.60	147.22	319.00	319.00	244.00	-
	i. In watershed Areas(L.U.)	807.00	683.92	144.24	316.00	316.00	180.00	-
	ii. Outside Watershed areas(Agri.)	-	-	-	-	-	-	-
	iii. Water Conservation	10.00	5.68	2.98	3.00	3.00	4.00	-
103	Land Reclamation & Development	30.00	16.48	3.70	5.50	5.50	15.00	-
	i. Soil Reclamation(Agri.)	30.00	16.48	3.70	5.50	5.50	10.00	-
	ii. Dev. of perennial water resources(L.U.)	-	-	-	-	-	5.00	-
800	Other Expenditure	110.00	53.95	13.05	25.00	25.00	21.00	-
	i. Garland Plantation	35.00	16.27	4.73	10.00	10.00	8.00	-
	ii. Command Area Development	75.00	37.68	8.32	15.00	15.00	12.00	-
	iii. Training	-	-	-	-	-	1.00	-
	<u>Total:</u>	<u>1000.00</u>	<u>798.05</u>	<u>186.68</u>	<u>370.50</u>	<u>370.50</u>	<u>300.00</u>	-



EIGHT FIVE  
DEVELOPME.

1990-91  
EXPENDITURE

STATEMENT ON 2

(Rs. in lakhs)

Code No.	Name of the Scheme/Projects	7th Plan 1985-90 Agreed outlay	Actual Expenditure 1985-89	1989-90		Annual Plan 1990-91	
				Approved outlay	Anticipated Expenditure	Proposed outlay	of which capital content
1	2	3	4	5	6	7	8
101240400	Dairy Development						
001	Direction & Adm.	10.00	4.10	2.00	2.00	1.00	1.00
102	Dairy Dev. Projects (North Dairy Project)	35.00	28.11	8.00	8.00	4.00	-
191	Assistance to Milk union (under operation flood Project)	30.00	39.00	15.00	15.00	12.00	-
	<u>Total Dairy</u>	<u>75.00</u>	<u>71.71</u>	<u>25.00</u>	<u>25.00</u>	<u>17.00</u>	<u>1.00</u>
101240300	Animal Husbandry						
109	Extension & Training	50.00	26.24	8.00	8.00	9.00	<del>2.00</del> ✓
001	Direction & Adm.	15.00	9.91	3.50	3.50	3.50	
101	Vety. Service & Animal Health	160.00	125.98	42.00	42.00	47.00	<del>16.00</del> ✓
102	Cattle & Buffalo Dev.	165.00	132.54	38.00	38.00	40.00	<del>10.00</del> ✓
103	Poultry Dev.	110.00	75.56	21.00	21.00	38.00	<del>10.00</del> ✓
104	Sheep & Wool Dev.	60.00	25.77	6.50	6.50	5.00	<del>2.00</del> ✓
105	Piggery Dev.	120.00	53.46	18.00	18.00	30.00	<del>8.00</del> ✓
106	Other livestock & Poultry Dev.	15.00	22.63	11.00	11.00	6.00	<del>2.00</del> ✓
107	Feed & Fodder Dev.	120.00	78.59	22.00	22.00	32.00	-
108	Insurance of Livestock and Poultry	-	-	-	-	3.00	-
111	Meat Processing	22.00	30.00	17.00	17.00	5.00	5.00
113	Adm/Inv. & Statistic	15.00	11.77	5.00	5.00	4.00	-
195	Assist. to A/H Co-ops.	-	-	-	-	4.00	-
190	Investment in Pub. Sector & other undertakings	30.00	20.00	5.00	5.00	7.00	-
800	Other Expenditure (Vety. Res.)	49.00	40.71	18.00	18.00	14.00	-
	TOTAL :	931.00	663.16	215.00	215.00	247.00	46.00
	GRAND TOTAL :	1006.00	734.87	240.00	240.00	264.00	47.00



## FISHERIES

Pisciculture occupies an important place in the economic life of the rural people in so far as it provides an additional source of income to the farmers. In the context of Sikkim where there are extensive water resources, the scope of fisheries development is enormous. Over the previous plans considerable strides have been taken in terms of establishment of a net work of farm infrastructure for production of seedlings and fingerlings as well as in the establishment of demonstration Centres and training of farmers in fish culture.

During the Eighth Plan the underlying objectives will be to enhance fish seed production and continue with the ongoing programmes of motivating farmers for taking up fish culture. For the Annual Plan 1990-91 a total outlay of Rs. 50 lakhs has been envisaged out of which Rs. 33.50 lakhs constitutes the capital component. The target during the year is to produce an additional 10 tonnes of fish including enhancement of fish seed production to a level of 1 million as against 0.9 million anticipated by the end of the VIIth Plan. Brief details of the schemes have been discussed below:

1. Direction and Administration: (Rs. 4.50 lakhs)

The outlay is intended to meet the establishment overheads of the Fisheries wing. Creation of posts of Deputy Director, Accounts Officer and one stenographer has also been contemplated.

2. Extension and Training: (Rs. 1.50 lakhs)

Inservice training of the personnel will be continued and during the year 1990-91 the following training schedule has been proposed.

1. Asstt Fisheries Dev. Officer (1) - 2 year Diploma course in Bombay.
2. S.I/Inspector of Fisheries (2) - 1 year course at Barrackpore.
3. Trout Keeper/J.R.A. (1) - 18 months course at Hyderabad.

The above outlay also includes expenditure on developing publicity materials and organising exhibitions

3. Beneficiary oriented Scheme - (Rs. 8.50 lakhs)

One of the three components under this new scheme is to provide fishing kits to 48 fishermen at subsidised cost. The second element relates to establishment of private farms for production of fingerlings for which package of assistance in terms of subsidy on cost of construction of pond, and other inputs as feed, fertilizer etc. will be provided. During the year 10 farms are proposed to be established. The third item relates to the scheme of fish-cum-paddy culture under which 10 farmers are proposed to be covered.

4. Survey and Research - (Rs. 0.50 lakhs)

The outlay is meant for survey of water resources viz ponds, tanks, seasonal waters, swampy areas, feasible paddy fields for experimenting integrated fish cum paddy culture, streams, lakes etc. in order to ascertain the potentiality of fisheries development.

5. Trout fish seed production - (Rs. 9.50 lakhs)

Out of the revenue component amounting to Rs. 3.50 lakhs under this scheme it is proposed to create 1 post of Junior Engineer, one Driver and one Choukidhar apart from meeting other contingent expenditure. In order to facilitate mobility of departmental personnel to monitor programmes at the field level purchase of one jeep has also been provided for. The capital component

is intended for construction of one trout rearing farm with hatchery at Yang in Lachen as also for meeting the cost of land proposed to be acquired at Uttary for creating an impoundment. A part of the provision is proposed to be utilised for providing fencing at the trout rearing unit at Lachung.

6. Carp development - (Rs. 19.00 lakhs)

The revenue component of Rs. 2 lakhs under this scheme is meant for meeting the administrative expenses including expenses for post creation of one Chewkidhar. Out of the capital provision of Rs. 17 lakhs the following projects have been proposed.

1. Barfeng land acquisition - Rs. 0.60 lakhs
2. Construction of seed production farm at Nethak -Rs. 3.00 lakhs
3. Construction of seed production farm at Kabi -Rs. 2.00 lakhs
4. Carp engling pond at Tingchin - Rs. 0.40 lakhs
5. Construction of Chinese hatchery at Ramgyu. - Rs. 7.00 lakhs
6. Creation of Nursery space under National fish seed Dev. programme. - Rs. 4.00 lakhs

Rs. 17 lakhs

7. Conservation of riverine Fisheries: (Rs. 5 lakhs)

This pertains to continuing programmes of undertaking conservation measures to check poaching activities along the river systems in the State. The capital outlay of Rs. 4.75 lakhs under this scheme is meant for construction of one quarter for Sub-Inspector at Sankalong, construction of fencing of existing quarters, construction of bamboo sheds



including approach road and construction of one quarter for AFDD.

8. Propagation of Mahseer - (Rs. 4 lakhs)

Intensive work has been undertaken for developing the impoundment along the Rangpoet river at Bagawa in South Sikkim for the purpose of breeding mahseer variety of fish. During the year it is proposed to construct one hatchery unit for which purpose Rs. 3.75 lakhs has been provided as capital component out of the above outlay.

9. Office accommodation - (Rs. 2 lakhs)

The above outlay is meant for construction of class III and Class IV unit quarters at Gangtok.

10. Fish farmers development agency (Rs. 4 lakhs)

As part of the efforts to mobilise participation of farmers for achieving substantial increase in fish production a new scheme of setting up of a Farmers Development Agency has been envisaged during the VIIIth Plan. This agency is expected to serve as a catalyst for encouraging farmers to adopt fish culture and for which purpose a package of assistance and subsidies are proposed to be extended through the Agency. For the implementation of the scheme it is proposed to avail assistance under the Centrally Sponsored Scheme. Under the scheme of things a small administrative setup is proposed to be created by drawing in specialised personnel from the existing fisheries department on deputation as well as by creating minimum posts of extension workers. The outlay proposed is intended to meet this expenses. During the year 1990-91 it is targetted to cover 5 hectares of water area through the activities of the fish farmers development agency

FISHERIES DEPARTMENT

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91

DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT: GN:2

(RS. IN LAKHS)

CODE NO.	NAME OF THE SCHEME/PROJECTS	7TH PLAN (1985-90) AGREED OUTLAY	ACTUAL EXPEN-DITURE 85-88	1988-89 ACTUAL EXPEN-DITURE	1989-90		ANNUAL PLAN 1990-91	
					APPROVED OUTLAY	ANTICIPATED EXPENDITURE	PROPOSED OUTLAY	OF WHICH CAPITAL CONTENT
1.	2.	3.	4.	5.	6.	7.	8.	9.
101 240500	Fisheries							
001	Direction & Administration	10.50	3.36	2.25	2.65	2.65	4.00	-
101	Inland Fisheries							
	i. Survey & Research	1.00	.30	0.10	.50	.50	.50	-
	ii. Trout Development	35.75	14.00	6.85	5.25	5.25	9.50	6.00
	iii. Development of Carp	45.40	16.81	6.05	5.27	5.27	19.00	17.00
	iv. Conservation of Riverine fisheries	17.85	6.07	1.41	3.83	3.83	5.00	4.75
	v. Development Of Mahseer	7.00	6.70	1.32	2.00	2.00	4.00	3.75
	vi. Beneficiary oriented scheme -	-	-	-	-	-	.50	-
109	Education & Training	2.50	.54	.06	.50	.50	1.50	-
190	Fish farmer's dev. agency	-	-	-	-	-	4.00	-
	Office accommodation	-	.24	-	-	-	2.00	2.00
	<u>TOTAL:</u>	<u>126.00</u>	<u>48.02</u>	<u>18.04</u>	<u>20.00</u>	<u>20.00</u>	<u>50.00</u>	<u>33.50</u>



## FOREST

During the first year of 8th Plan (1990-91), emphasis will continue to be on afforestation of degraded forest lands and to develop adequate forest resources to meet the growing requirement of timber, fuel and fodder. Demarcation of forest land will also be given priority.

During 1990-91 a few more residential quarters will be constructed to make available accommodations for the forest staff. Protection of Wildlife will receive an impetus during the 1990-91 by way of equipping the Wildlife personnel for improvement of overall efficiency. Also new areas will be declared as protected areas.

Brief details of the important schemes envisaged in the Annual Plan are as follows:-

1. DIRECTION AND ADMINISTRATION: RS: 5 LAKHS.

The outlay is intended to meet the establishment overheads which includes provision for installation of an intercom in the Department.

2. STATISTICAL AND PLANNING CELL: RS: 3 LAKHS.

To strengthen the planning and statistical Cell the post of Steno-cum-Computer Operator will be created. The Central library of the Forest Department will also be strengthened through purchase of books on Forestry, Wildlife and Environment.

3. EDUCATION AND TRAINING : R . 4 LAKHS.

A provision of Rs. 4 lakhs has been kept for the purpose of personnel development.

4. FOREST PROTECTION : RS. 7 LAKHS.

A provision of Rs. 7 lakhs has been made for the purchase of equipments for protecting the eco-fragile areas and also for establishment of Forest Check posts at Critical points.

5. SURVEY AND UTILISATION OF FOREST RESOURCES: RS: 50 LAKHS.

Provision of Rs. 30 lakhs has been kept for undertaking systematic survey and demarcation of Reserve Forest Boundaries by way of construction of permanent boundary pillars. Rs. 15 lakhs has been kept for preparation of detailed management plans for Forest areas.. Techno-economic survey of medicinal plants and other minor forest produce will also be carried out through out the State in collaboration with the Regional Research laboratories of CSIR.

6. COMMUNICATION AND BUILDING : RS: 40 LAKHS.

Under this scheme bridal paths will be constructed in the Reserve Forest Areas. To provide residential accommodation to forest staffs it is proposed to construct Two Class I, Five Class II and Two Class III quarters in Gangtok and other areas. A Forest Rest House is also proposed to be constructed at Gangtok at an estimated cost of Rs. 10 lakhs for the

convenience of district officials on tour.

7. AFFORESTATION: RS: 195 LAKHS

It is proposed to cover 2630 hectares of area under various afforestation Schemes. Emphasis will be given to area specific schemes. Degraded forests lands will be taken up for afforestation on priority basis by way of planting fast growing fuelwood and fodder species. Targets under various schemes are given below:

1. Greening of Eco-fragile Areas 400 hac.
2. Rehabilitation of Fire Damaged Forest Lands 400 hac.
3. Regeneration of Coniferous Forests 180 hac.
4. Rural Fuelwood Programme 1200 hac.
5. Area Oriented Fuelwood/Fodder Project 300 hac.
6. Establishment of Silvopastural Farms. 150 hac.

Besides new plantation, maintenance of one and two years old plantations will be undertaken. Further fencing will be erected at vulnerable points to protect young plantations from damage by cattle. New Nurseries will also be established whenever necessary to meet the requirement of seedlings of various tree species.

8. DEVELOPMENT OF MINOR FOREST PRODUCE; - RS. 10 LAKHS

Under this scheme it is proposed to upgrade the cardamom sub division into a full fledged division so that this setup can take care off development of cardamom as well as other minor forest produce. Provision of Rs. 10 lakhs has been made for this purpose.

9. OTHER SCHEMES : RS. 14 LAKHS.

Besides the above mentioned schemes the on going schemes relating to logging, Wood Working Centre, Extension Forestry, Public Relation Unit and Amenities to Taungyadars will also be continued. Suitable provisions for each of these activities have been made as per details in GN II.

10. ENVIRONMENTAL FORESTRY AND WILDLIFE. Rs. 72 LAKHS.

Under Wildlife protection new areas will be declared as protected areas and work of habitat improvement will be undertaken vigorously. Work for establishment of Musk deer farms will also be started. Patrolling by the Wildlife staffs and officers will be intensified in the Multiple Use Areas. Residential accommodation will be constructed for Wildlife staff at various places. Emphasis will also be given on Wildlife Education to create awareness among the public on wildlife preservation. Establishment of a Zoological Park cum Wildlife Information Centre is also proposed to be initiated. Further, declaration of an extensive area in the North & West Sikkim as Biosphere will be considered.

~~FOREST & WILDLIFE~~  
 EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91  
 DEVELOPMENT SCHEME/PROJECTS-OUTLAY & EXPENDITURE

STATEMENT: GN-2  
 RS. IN LAKHS

Code No:	Name of the Scheme/Projects	7th Plan (1985-90) Agreed Outlay	Actual Expen- diture 1985-89	1989-90		Annual Plan 1990-91	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
102 40600	Forestry & Wildlife						
01	Forestry						
001	Direction & Administration	13.00	18.00	5.00	5.00	5.00	-
005	Survey & Utilisation of Forest Resources	43.00	43.22	14.00	14.00	58.00	-
	i. Survey of forest resources	5.00	-	-	-	5.00	-
	ii. Survey & Demarcation	13.00	-	-	-	30.00	-
	iii. Working Plan	25.00	-	-	-	15.00	-
	iv. Dev. of logging	-	-	-	-	3.00	-
	v. Dev. wood working centre	-	-	-	-	5.00	-
013	Statistics & Planning Cell	-	-	-	-	3.00	-
070	Communication and building	40.00	28.41	10.00	10.00	40.00	40.00
	i. Communication	-	-	-	-	5.00	5.00
	ii. Building	-	-	-	-	35.00	35.00
101	Forest Conservation & Development	8.00	3.54	2.00	-	26.00	-
	i. Development of infrastructure for forest plantation	-	-	-	-	7.00	-
	ii. Silviculture	-	-	-	-	8.00	-
	iii. Biosphere Reserve	-	-	-	-	5.00	-
102	Social & Farm Forestry	567.00	403.35	143.00	143.00	182.00	-
	1) Plantation schemes	162.00	-	-	-	97.00	-
	a) Greening of Ecologically fragile areas	-	-	-	-	48.00	-
	b) Rehabilitation of fire damaged forest areas	-	-	-	-	40.00	-
	c) Regeneration of Conifer forest	-	-	-	-	9.00	-
	1i) Social farm forestry	330.00	-	-	-	69.00	-
	1ii) Aesthetic forestry	-	-	-	-	12.00	-
	IV) Silviculture	25.00	-	-	-	4.00	-
	V) Rehabilitation of Degraded Forest	50.00	-	-	-	-	-
105	Forest Produce	61.00	39.28	10.00	10.00	10.00	-

1.	2.	3.	4.	5.	6.	7.	8.
	i. Development of minor forest						
	Produce	-	-	-	-	5.00	-
	ii. Cardamom	-	-	-	-	5.00	-
109	Extension of Training	116.50	81.54	26.00	26.00	10.00	-
	i. Education & Training	8.00	-	-	-	4.00	-
	ii. Extension Forestry	7.00	-	-	-	4.00	-
	iii. Public relation unit	1.20	-	-	-	1.00	-
	iv. Amenities to Taungyadars	5.00	-	-	-	1.00	-
	v. Cultural operation	20.30	-	-	-	-	-
	vi. Nurseries	75.00	-	-	-	-	-
	<u>Total:</u>	848.50	-	-	-	328.00	-
124 6602	Environmental Forestry and wild life	101.50	85.66	25.00	25.00	72.00	-
	i. Management of protected areas and habitat restoration	-	-	-	-	35.00	-
	ii. Wild Life protection in Multiple use areas	-	-	-	-	7.00	-
	iii. Musk Deer Farming	-	-	-	-	7.00	-
	iv. Wild Life Education	-	-	-	-	3.00	-
	v. Establishment of himalayan zoological Park with wild life information centre	-	-	-	-	20.00	-
	<u>TOTAL:</u>	<u>950.00</u>	<u>703.00</u>	<u>235.00</u>	<u>235.00</u>	<u>400.00</u>	<u>40.00</u>

## COOPERATION

In the absence of State Cooperative Bank, arrangement has been made with the State Bank of Sikkim for providing cash credit limit of Rs. 1.00 lakh for handling distribution of essential commodities and overdraft facilities of Rs. 2.00 lakhs for loaning programme to each of the 35 MPCs. These credit facilities proved to be inadequate to meet the actual needs of the Cooperative Societies, with the result that credit targets set for the VIIth Five Year Plan could not <sup>be</sup> achieved to the desired extent.

The State Government has now taken a decision to organise a new State Cooperative Bank in lieu of the earlier proposal of converting the State Bank of Sikkim into State Cooperative Bank. It is hoped that the new State Cooperative Bank would be brought into functioning by 1990-91. With this major scheme well in the cards the Plan fund required need to be stepped up considerably during 1990-91 in order to take up much larger proposals and activities.

A brief write-up on the programmes to be taken up under Cooperative Sector are presented below:-

1. DIRECTION AND ADMINISTRATION: RS: 6 LAKHS

The existing administrative structure of the Department will be streamlined and strengthened to cope up with the ever increasing activities and function of the Department. Besides the MPCs have not been able to function effectively and efficiently for lack of competent, trained Managers/Secretaries. It is therefore, proposed to form a cadre of 40 Secretaries of MPCs. The outlay is proposed for <sup>meeting</sup> the liabilities.

2. EDUCATION, TRAINING, INFORMATION & PUBLICITY: RS.2.50 LAKHS

To gear up the Cooperative Movement in the State, the programmes of education, training, information and publicity



is of crucial importance and deserves priority. The training of office personnel, members of Cooperative Societies and field level functionaries of the Department will be taken up. It is also proposed to organise seminars<sup>and</sup> workshops in addition to distribution of pamphlets/booklets etc. on various aspects of Cooperative Development programmes. During 1990-91, it is proposed to establish one training centre in the State and train Departmental officers including 20 office bearers of Cooperative Societies in management and accounting and also impart training to 250 Cooperative members. Printed materials worth Rs. 0.10 lakhs would be distributed and workshop/seminar will be organised. Hence, under this programme an outlay of Rs. 2.50 lakhs is proposed during 1990-91.

3. AUDIT OF COOPERATIONS: RS: 2.50 LAKHS

The number of various types of Cooperative Institutions is increasing considerably and the scope<sub>of</sub> audit has expanded side by side. In order to ensure timely completion of auditing of the Cooperative Societies for the benefit of checking irregularities in time it is proposed to strengthen the Audit Cell of the Department during 1990-91. It is proposed to recruit 10 more auditors during the period. Hence an outlay of Rs. 2.50 lakhs is provided.

4. CREDIT AND BANKING: RS: 15 LAKHS

a) Rural Credit: Rs. 5 LAKHS

The MPCs would require huge investment capital for investment in various business activities such as consumer business, marketing business in addition to the credit requirements. In order, therefore to make these institutions eligible for raising adequate capital from the Bank the State Government will continue to contribute to capital base requirement of these institutions. During the period Government will release @ of Rs. 0.10 lakhs each among to 30 MPCs and the MPCs will in turn invest this

money in the State Cooperative Bank as their share. The Department further proposes to release a reasonable rental subsidy to those Societies which are running their shop-cum-office-cum-godown in rented <sup>buildings</sup> completed and also provide managerial subsidy in case of those Societies which have not been able to generate sufficient business and reserves.

During the year one new MPCS will be organised, the MPCS together will handle Rs. 200.00 lakh worth of consumer business and a marketing business of Rs. 100.00 lakh in collaboration with State Marketing Federation. It is further proposed to distribute agricultural loan to the tune of Rs. 40.00 lakhs besides enrolling 1000 new members. Under this programme a sum of Rs. 5.00 lakh is provided.

L) State Cooperative Bank: Rs. 10 LAKHS

It is envisaged that the State Cooperative Bank would be commissioned during the year. The agricultural lending programme will be geared up. To strengthen the base capital requirement of this Bank it is proposed that State Government will participate in the equity. For the purpose a total of Rs. 10.00 lakh is provided.

5. CONSUMER COOPERATIVES: RS: 4 LAKHS

There are 55 Consumer Cooperatives functioning in the State. These are located in rural areas mostly in remote and inaccessible places. These Cooperatives play <sup>a</sup>vital role in the distribution of controlled and non-controlled consumer items in the rural areas. These Cooperatives procure their supplies of essential items from the State Federation and controlled items from Food and Civil Supplies Department on monthly quota basis.

During 1990-91 these Cooperatives are expected to handle a consumer business worth Rs. 36000 lakhs. It is also proposed to open 5 new Societies and enroll 500 new members.

It is proposed to give pre-establishment cost @ Rs. 0.20 lakhs each to the 5 new Societies and also extend financial assistance in the form of transport, rental and managerial subsidies and further Government share capital contribution to 65 Societies @ Rs. 0.06 lakhs each <sup>is envisaged</sup>. For these programmes a sum of Rs. 5.00 lakh is provided during 1990-91.

6. PROCESSING COOPERATIVES: RS: 1 LAKH

Till the 7th Plan period there has been practically no progress in respect of development of Processing Cooperatives. There is adequate scope for development of Processing Cooperatives based on locally available raw materials like ginger, large cardamom, turmeric, vegetables and potato. During this period one such Processing unit would be installed under Cooperative sector. For this it is proposed to release financial assistance to cover establishment cost, share capital and working capital contribution from 1989-90 budget. The major fund requirement to put up the unit will however be drawn from NCDC. Under this programme a sum of Rs. 1.00 lakhs is provided.

7. STORAGE COOPERATIVES: RS: 4 LAKHS

The existing Cooperative Societies as well as the new ones envisaged during the VIIIth Plan require building infrastructure for the office, shop and godown. The financial position of the Societies being poor it is necessary for the State Government to assist the Societies in establishing these building infrastructures. Already 24 Societies have been provided with Government buildings. To meet the spill over expenditures on account <sup>of</sup> two buildings which are under construction and to take up two more new buildings a provision of Rs. 4.00 lakhs is provided.

8. OTHER COOPERATIVES: RS: 2 LAKHS

Concerted efforts will be made to open 2 Weavers' Cooperatives, 1 Blacksmithy Cooperative, 1 Transport Cooperative, 1 Floriculture Cooperative in order to diversify the activities

of the Cooperative movement. These Societies will be provided share capital assistance and grants for meeting other pre-establishment expenses. Under this programme a sum of Rs. 1.00 lakh is provided.

9. ASSISTANCES TO PUBLIC SECTOR & OTHER ORGANISATION:  
RS: 6 LAKHS

The Marketing infrastructure in the State is weak and requires considerable improvement. There are no separate primary marketing Societies. The Multi-Purpose Cooperative Societies have been taking care of marketing function. There are two Apex Marketing Cooperatives viz. (1) State Cooperative Supply and Marketing Federation and (2) Denzong Agricultural Cooperative Ltd. These two institutions have to be financially supported in order to enable them to shoulder greater responsibilities and handle larger volume of marketing of farm produce.

During this year it is proposed to undertake marketing farm produce worth Rs. 100.00 lakhs, fertiliser business Rs. 75.00 lakhs, wholesale supply business Rs. 74.00 lakhs by the State Federation. To support the Federation in organising these marketing linkages Rs. 6 lakhs has been proposed.

10. DAIRY COOPERATIVES: RS: 15 LAKHS

The Sikkim Cooperative Milk Producers' Union (SCMU) has been operating two dairies at Karfelktar (South Sikkim) and Tadong (East District) with total capacity of 15000 litres per day. There are in all 71 primary Milk Producers' Coop. Societies enlisted as its members. The SCMU has been rendering a very important socio-economic service benefitting large number of rural people. The SCMU has also been providing services like feed supply, animal health coverage, artificial insemination, fodder cultivation etc.

During 1990-91 the SCMU Ltd. the following targets have been envisaged

	<u>ITEMS</u>	<u>PROPOSED TARGET</u>
1.	Opening of new Cooperatives	10 Nos.
2.	Membership enrollment	300 Nos.
3.	Membership belonging to weaker section	180 Nos.
4.	Quantity of milk collection	16.25 lakh ltr.
5.	Quantity of milk sales	24.00 lakh ltr.
6.	Milching cow distribution	50.00 Nos.
7.	Construction of Milk collecting cum testing shed	10 Nos.
8.	Training of farmers	100 Nos.
9.	Training of Societies personnels	20 Nos.
10.	Cattle feed distribution	Rs.1000 lakhs.

Despite the efforts made the Union has not been able to generate adequate surpluses to meet the overhead cost. Hence to support the programme a sum of Rs. 15.00 lakhs has been provided.

## CO-OPERATION

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT GN-2

(Rs in lakhs)

Code No.	Name of the Scheme/Projects	7th Plan (1985-90) Agreed Outlay	Actual Expenditure 1985-89	1988-89 Actual Expenditure	1989-90		Annual Plan 1990-91	
					Approved Expenditure	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
1	2	3	4	5	6	7	8	9
101242500	<u>Cooperation</u>							
001	Direction & Adm.	50.00	27.59	9.30	11.40	11.40	6.00	-
003	Training	2.00	0.32	0.16	.38	.38	1.50	-
104	Audit Cooperatives	-	-	-	-	-	2.50	-
105	Information & Publicity	3.00	1.06	0.30	.57	.57	1.00	-
106	Assis. to Multipurpose Rural Cooperation	10.00	4.35	-	3.89	3.89	5.00	3.00
107	Assis. to Credit Coops	10.00	4.45	2.25	3.00	3.00	10.00	8.00
108	Assis. to other Coops.	-	-	-	-	-	-	-
i)	Co-operative processing	3.00	2.51	-	1.18	1.18	1.00	-
ii)	Co-operative storage	20.00	13.33	-	3.80	3.80	4.00	4.00
iii)	Consumer Cooperative	35.00	31.98	-	7.60	7.60	4.00	2.00
iv)	Other Co-operatives	14.00	1.94	-	.48	.48	2.00	1.00
190	Assistance to public sector & other undertaking	28.00	23.46		6.17	6.17	6.00	-
101240400	<u>Dairy Development</u>							
102	Dairy Cooperatives	25.00	29.51	8.00	9.03	9.03	15.00	3.00
	Total	200.00	140.50	20.01	47.50	47.50	58.00	21.00



## SPECIAL RURAL DEVELOPMENT PROGRAMMES

Programmes for Rural Development are accorded highest priority in the State's overall development effort in as much as these programmes are intended to play a very crucial role in bringing about all round improvement in the standards of living and quality of life in the Rural areas. In the last year of the VIIth Plan the Jawahar Rozgar Yojana which was launched in place of the NREP and RLEG<sup>2</sup> envisages expansion of the content of the programme particularly as regards employment generation and creation of durable community assets. The thrust of the programmes will be on the target groups covering people identified as being below the poverty line and providing them with means to earn additional income on an enduring basis. While considerable achievement had been recorded during the Sixth and the Seventh Plans, a much more concerted effort needs to be made during the Eighth Plan so that the target groups are enabled to cross the poverty line and generally the quality of life among the rural poor is substantially improved. The programme implementation will receive a boost during the VIIIth Plan in view of the introduction of democratic decentralisation of planning and development as envisaged under the Panchayat Raj.

For the 1990-91 Annual Plan a total of Rs. 150 lakhs has been proposed as per scheme wise details outlined below.

1. I.R.D.P. RS: 30 LAKHS

This programme which came into operation as a Centrally Sponsored Scheme on equally sharing basis since 1981-82, has been instrumental in bringing about a positive transformation in the economy of the rural poor. During the VIIth Plan alone it is estimated that 21,500 families would have been covered through the various schemes implemented under the IRDP. The house to house survey conducted by the Department revealed that about 1000 families benefited in the true sense of being brought over the poverty line.



The Survey also brought to light the number of families actually <sup>earning income</sup> much below the prescribed minimum which was of the order of 10,300 families. Therefore during the VIIIth Plan a very gigantic task lies ahead and therefore as in the past, the IRDP will be implemented vigorously in conjunction with TRYSEM and the DWCRA programmes. The programme wise outlays proposed and the corresponding physical targets during 1990-91 Annual Plan is tabled below:

	<u>PROGRAMMES</u>	<u>PROPOSED OUTLAY (RS LAKHS)</u>	<u>PHYSICAL TARGETS</u>
1.	IRDP (50:50 CSS)	20.00	2,500 no. of families
2.	TRYSEM	4.00	270 Nos.
3.	DWCRA	4.00	10 groups
4.	Strengthening of administration	2.00	-
		<u>30.00</u>	
2.	<u>JAWAHAR ROJGAR YOJANA; RS: 100 LAKHS</u>		

This scheme introduced in the last year of the VIIth Plan is designed to generate direct employment opportunities and create durable community assets. While the allocation is to made district wise, the guidelines prescribe the expenditure pattern as 5% for administrative expenses, 10% on maintenance, 15% for Indira Awaz Yojana, 25% on social forestry and the remaining 25% on construction of durable assets as the Gram Panchayats may decide to be of relevance for the particular area. Under the scheme, 80% of the expenditure will be contributed by the Centre and the remaining 20% by the State. In the 1990-91 plan State's share of Rs. 100 lakhs has been envisaged for this programme and corresponding to this it is targetted to generate 6 lakhs mandays of employment.

3. I.R.E.P. RS: 20 LAKHS  
Plan

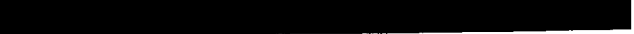
During the Seventh <sup>considerable</sup> achievement had been made in implementing various schemes for new and renewable sources of energy covering one block in Soreng sub-division, It is proposed to spread this programme and accordingly one more sub-

division is planned to be taken up for intensive programme  
for rural energy:



DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

(Rs. in lakhs)							
Code No	Name of the scheme/project	7th Plan (1985-90) Agreed Outlay	Actual Expenditure 1985-89	Approved outlay	1989-90 Anticipated Expenditure	Proposed Outlay	Annual Plan 1990-91 Of which Capital content
1	2	3	4	5	6	7	8
102000000	II Rural Development Special Programme for Rural Development						
01	Integrated Rural Dev. Programme (IRDP)						
100	i) IRDP (Main programme)	100.00	81.40	20.00	20.00	20.00	-
001	Direction & Adm.	-	4.00	2.00	2.00	2.00	-
003	Training TRYSEM)	-	1.00	.50	.50	4.00	-
101	Subsidy to District Agencies	-	74.40	19.50	19.50	-	-
200	ii) Allied Programme of IRDP	-					
202	DWCRA	-	2.00	1.00	1.00	4.00	-
04	Integrated Rural Energy Planning Programme		28.53	16.00	16.00	20.00	-
105	Project Implementation		50.00	-	-	-	-
1022505000	Rural Employment						
01	National programme NREP	90.00	98.75	Programme discontinued			
	Jawahar Rojgar Yojana (20:80 CSS)	-	-	50.00	50.00	100.00	-
	<b>Total</b>	<b>240.00</b>	<b>290.00</b>	<b>144.00</b>	<b>144.00</b>	<b>150.00</b>	<b>-</b>



## LAND REFORMS

The exercise relating to survey of land and compilation of land records is more or less completed. During the Eighth Plan, it is proposed to initiate steps to implement the Land Ceiling Act and distribute surplus land to the landless. The Legislation in regard to Land Ceiling is proposed to be passed by the State Legislative Assembly and the rules will also be formulated.

For the Annual Plan a total outlay of Rs. 9 lakhs has been proposed. Scheme wise details are outlined below:-

### 1. COMPUTERISATION OF LAND RECORDS - Rs. 1.50 LAKHS

The entire exercise relating to compilation, maintenance and updating of land records on the one hand and monitoring of land revenue collection on the other can be computerised. To implement this scheme, the central computer facility available in the finance department will be utilised. The above outlay is intended for this purpose.

### 2. COMPENSATION TO LAND OWNERS:RS: 2 LAKHS

Identification of surplus lands and their acquisition for purpose of reallocation to landless citizens of the State are the objectives of the Land Ceiling Act. The outlay proposed under this scheme is intended for payment of compensation for acquisition of such surplus lands.

### 3. LAND RECORD MACHINERY: RS: 1.50 LAKHS

The functions of the existing administrative machinery is only confined to survey and demarcation of land holdings, collection of land revenue, updating of land records, etc. There is no separate machinery to record crop statistics, report crop failures and assess

damages to crops in the event of natural calamities. It is therefore imperative to organise a cell to take care of these specific functions and accordingly Rs. 1.50 lakhs has been proposed for the purpose.

4. CONSTRUCTION :: - RS. 4 LAKHS:

The State has 4 district head quarters, 8 subdivisions and 40 village level offices. So far only 4 out of the 40 village level office have proper building infrastructure to accommodate the office and residence of the village level officers. During the 90-91 annual plan is proposed to construct building infrastructure in 5 locations as well as acquire land for taking up construction later. The above outlay is proposed for this purpose.

EIGHT FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT GN-2

(Rs. in lakhs)

CODE NO.	Name of the scheme/Projects	7th Plan (1985-90) Agreed outlay	Actual Expenditure 85-89	1988-89 Actual Expenditure	1989 - 90		Annual Plan 1990-91	
					Approved Outlay	Anticipated Expenditure	Proposed outlay	of which capital content
102250600	Land Reforms							
001	Direction and Administration	107.50	52.74	22.89	19.50	-	-	
012	Statistics & Evaluation	-	-	-	-	1.50	-	
103	Maintenance of Land Records (Computerisation)	-	-	-	-	1.50	-	
104	Assistance to Allottees of surplus land	10.00	-	Nil	0.25	-	-	
800	Other Expenditure	-	7.47	-	2.50	6.00	4.00	
(i)	Office construction	-	7.41	-	1.75	4.00	4.00	
(ii)	Land acquisition	-	-	-	2.00	2.00	-	
(iii)	Minor Works	2.50	0.06	0.14	0.50	-	-	
<b>T O T A L :-</b>		<u>120.00</u>	<u>70.21</u>	<u>23.05</u>	<u>24.00</u>	<u>9.00</u>	<u>4.00</u>	





## COMMUNITY DEVELOPMENT AND PANCHAYAT

(1) During the 7th plan period, the State reorganised the Gram Panchayat whereby the total number of Gram Panchayat units (GPU) was reduced from 153 to 138 nos. During the same period the panchayat elections were also held as per the Sikkim Panchayat Act of 1982. It is proposed to further reduce the number of Gram Panchayat units so as to give a wider area of operation for each Gram Panchayat at present each GPU is composed of a number of wards with each ward being coterminous with revenue block. The State has 440 revenue blocks out of which are in the forest area. The remaining 414 blocks which are inhabited are covered by an equal number of panchayat units. Out of the 138 GPUs, two units namely Lachen and Lachung in North/Sikkim have traditional village level body known as the "DZUMSA". This Dzumsa system has been recognized officially as the Panchayat units for the above two villages. The Dzumsas elect two representatives annually who are designated as "Pibons".

(2) Keeping in line with the national consensus and recognizing the importance of democratic institution at the grass root level and the objective of revitalisation of the panchayat Raj Institution at the district and lower levels of administration the state government have formulated proposals for strengthening of the Panchayat Raj Institutions (PRI) in terms of both administrative as well as financial support. The state proposes to continue with the two tier system with Gram Panchayat at the village level and the Zilla Panchayat at the District level.

Contd/- 2.

The enactment of the Sikkim Panchayat Act, 1982 provides for a five year term with elections being held on adult franchise basis. The office bearers as Shabhapati, Upt Shabhapati and Sachiva at the Gram Panchayat level and Adhakshya and Up-Adhakshya at the District level are elected indirectly i.e. elected from amongst the elected members of the Panchayat units. The representation of scheduled castes, scheduled tribes and women in the Gram Panchayat is also ensured under the Act with proviso for the Govt. to nominate such representatives in the event of their failure to get elected. All the Shabhapatis of the Gram Panchayats are the members of the Zilla Panchayat having voting rights. The respective area MLAs are also members of the Zilla Panchayat but without voting rights. The representation for SC, ST and women members in the Zilla Panchayat is under examination. For the functioning of the Gram Panchayats, 52 numbers of Panchayat Ghars have already been constructed throughout the State.

Furthermore, for the functioning of the Zilla Panchayat 2 Zilla Panchayat Bhawans namely at Gyalshing (West Sikkim) and Namchi (South Sikkim) will be completed during the 7th Plan period. The construction of 2 Zilla Panchayat Bhawans for Mangan (North Sikkim) and Gangtok (East Sikkim) will be continued as spill over works and completed during the VIII the plan period. During the VIth plan period, each GPU is being provided an annual fund of Rs. 10,000.00 from the State. Besides this, 10 percent of the land revenue and entire house tax collection within the jurisdiction of the unit is also placed at the disposal of the

Panchayats with which the panchayats have to implement relevant development schemes. In addition, the Panchayats are empowered to generate their own resources by imposing levy and taxes on schemes executed by the Govt. which are landed over to them for maintenance.

(3) In view of the considerable emphasis being given to the panchayat Raj institutions at the national level, the State Govt. is already formulating detail modalities for decentralising the process of development administration to the grass root level and for which purpose it is necessary to provide administrative and financial support to the Panchayat Institutions at all levels.

For the Annual Plan 1990-91, a total outlay of Rs. 174 lakhs has been proposed as per schemes outlined below:-

1. GRAM PANCHAYAT RS: 123 Lakhs

It is proposed to extend administrative funds at the rate of Rs. 1 lakh per Gram Panchayat Unit. Since efforts will be made to reduce the number of Units from the existing member of 138, a total outlay of Rs. 123 lakhs only has been envisaged under this scheme in the first year of VIII th Plan.

2. ZILLA PANCHAYAT: RS: 20 LAKHS:

During the year it is proposed to set up the Zilla Panchayat Institutions one each in the four Districts and extends financial support at the rate of Rs. 5 lakhs each for meeting administrative overhead as well as for enabling the Zilla Panchayat Units to take up development schemes relevant to the district.

The above outlay is proposed for these purposes.

3. BUILDING CONSTRUCTION INCLUDING TRAINING AND EDUCATION RS. 31 LAKHS:

Out of the above proposed outlay, Rs. 20 lakhs will be required for completion of the two on going building projects namely the Zilla Panchayat Bhawans in North and East districts. Apart from this it is also proposed to organise Panchayat samelans at the State as well as district levels and conduct regular training and seminars for the Panchayats in Panchayat administration. For District level Panchayat Samelans Rs. 0.75 lakhs has been earmarked for each District and for the State level Panchayat samelan Rs.4 lakhs has been earmarked. Besides provision has also been made for running the State Institute of Rural Development where training will be imparted to rural development workers, panchayats and other officials. The outlay proposed under this scheme is meant for these purposes.

COMMUNITY DEVELOPMENT AND PANCHAYATS

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN -1990-91  
DEVELOPMENT SCHEME/PROJECTS-OUTLAY & EXPENDITURE

STATEMENT:GN-2  
RS. IN LAKHS

Code No.	Name of the Scheme/Projects	5th Plan (1985-90) Agreed Outlay	Actual Expen- diture 1985-88	1989-90		Annual Plan 1990-91 Proposed Outlay	Of Which capital content
				Approved Outlay	Antici- pated Expen- diture		
1.	2.	3.	4.	5.	6.	7.	8.
102 251500	<u>OTHER RURAL DEVELOPMENT PROGRAMMES</u>						
003	State Institute of Rural Development	-	-	-	-	5.00	-
101	Panchayati Raj	75.00	89.38	14.00	14.00	163.00	20.00
	i) Gram Panchayat	-	-	-	-	123.00	-
	ii) Zilla Panchayat	-	-	-	-	20.00	-
	iii) Construction of State & Zilla Panchayat Bhavan	-	-	-	-	20.00	20.00
800	Others (Trg. & Sammelan)	-	-	-	-	6.00	-
	<b>TOTAL:</b>	75.00	89.38	14.00	14.00	174.00	20.00



## IRRIGATION AND FLOOD CONTROL

Sikkim is a mountainous State falling within a high rainfall zone. Because of the terrain and the topographical structure as also considering the need for providing water specially for transplantation of paddy seedlings before the onset of the monsoons, the irrigation system generally consists of contour canals tapping the perennial rivulets and streams and confined to minor schemes. Traditional kutchra contour canals, locally known as 'kulo', are also still being used. Construction of such new pucca kulos and renovation and strengthening of the existing traditional contour canals are the activities under Irrigation Department.

The total culturable area in Sikkim is estimated to be 1,09,000 hectares and the ultimate irrigation potential to be created is 50,000 hectares. In the past paddy was the only crop grown with irrigation facilities but now with transformation in the agricultural scenario where adoption of multiple cropping and cultivation of cash crops is gaining popularity the demand for irrigation is growing considerably. There is a tremendous scope for increasing the agriculture output from the low lying fertile lands along the river valleys with the help of lift irrigation system which hitherto has not been experimented in the State. Similarly the use of energy saving devices such as hydrams and water turbines have very good potential for minor irrigation in Sikkim. There is also a great scope for sprinklers and drip irrigation system in such belts having comparatively low rainfall and lesser numbers of water sources.

By the end of the Seventh Five Year Plan the total irrigation potential created in the State will be 20,863 hectares and the total utilisation of the irrigation potential so created will be 13,471 hectares. In the Eighth Five Year Plan with a financial outlay of Rs 1065 lakhs the physical target envisaged is to create additional irrigation potential of 6500 hectares and utilisation of the irrigation potential as 6000 hectares.



There is no irrigation act in Sikkim and water is supplied free. It is, therefore, proposed to introduce an irrigation act for better management of water resources and for ensuring proper upkeep of the irrigation systems.

The outlay for the annual plan of 1990-91 for minor irrigation has been envisaged as Rs. 190 lakhs with a physical target to create 1080 hectares of additional irrigation potential and utilisation of 990 hectares of irrigation potential so created. The scheme-wise details are as below:

1. DIRECTION AND ADMINISTRATION: (Rs. 12.00 lakhs).

A provision of Rs. 12.00 lakhs has been made under this head for meeting the establishment overheads of the department. The above outlay includes provision for replacement of one old vehicle.

2. INVESTIGATION: (RS. 6.00 Lakhs).

Intensive survey and investigation of schemes to study the hydrological data and other related factors are imperative to ensure feasibility of irrigation systems. The above outlay is intended for these functions.

3. MACHINERY AND EQUIPMENT: (Rs.2.00 Lakhs).

The outlay is meant for procuring basic engineering equipments including replacement of old ones.

4. SURFACE WATER-DIVERSION SCHEME : (Rs. 160.00 Lakhs)

All irrigation schemes in the State are surface water irrigation schemes. A provision of Rs. 160.00 lakhs has been made to meet the liabilities of spillover schemes of the Seventh Plan as well for construction of new minor irrigation schemes. The provision also envisages the renovation and strengthening of the

existing traditional kutch contour channels. The target for additional irrigation potential is 1000 hectares and the target for utilisation of potential so created is 900 hectares.

5. OTHER EXPENDITURE-LIFT IRRIGATION (Rs. 3.00 Lakhs).

There is abundant scope in increasing the food grain output from the low lying culturable areas along the river valleys with the help of lift irrigation. A beginning is proposed to be made in this area and accordingly a modest provision of Rs.3.00 lakhs has been made.

6. OTHER EXPENDITURE-COMMAND AREA DEVELOPMENT: (Rs.4.00 Lakhs)

The irrigation department is entrusted with the work of construction of feeder channels within specific command area. A provision of Rs. 4.00 lakhs has been made for the construction of field channels under the CAD Programme.

7. OTHER EXPENDITURE-STRENGTHENING OF MI ORGANISATION: (Rs. 1.00 Lakh).

This is a centrally sponsored scheme, fifty per cent of the cost of which is to be borne by the State Government. Under this programme purchase of equipments for strengthening of minor irrigation organisation is envisaged. A provision of Rs. 1.00 lakh has been made for this purpose.

8. OTHER EXPENDITURE-ENCOURAGING IRRIGATION THROUGH USE OF WATER/ENERGY SAVING DEVICES: (Rs.2.00 Lakhs).

The use of hydrams and water turbines as also the introduction of sprinkler and drip irrigation systems are worthwhile propositions. It is therefore proposed to implement these concepts as part of a Centrally Sponsored scheme with matching contribution from Centre and State. A provision of Rs. 2.00 lakhs has been made for the programme.

FLOOD CONTROL: (Rs. 25.00 Lakhs)

Flood control works in the nature of river bank protection works are being taken up in the State. Except for the capital city and the district headquarters of the State most of the other commercial and industrial towns are located along the river banks. Moreover, fertile and fairly flat cultivable lands are also along the river valleys. It has been envisaged to take up river bank protection of towns and lands along river Teesta and river Rangeet. A provision of Rs. 25.00 lakhs has been made for this purpose.

ABSTRACT:

IRRIGATION

1. Direction and Administration	Rs. 12.00 lakhs
2. Investigation	Rs. 6.00 lakhs
3. Machinery and Equipment	Rs. 2.00 lakhs
4. Surface Water-Diversion Schemes	Rs. 160.00 lakhs
5. Lift Irrigation	Rs. 3.00 lakhs
6. Command Area Development	Rs. 4.00 lakhs
7. Strengthening of MI Organisation	Rs. 1.00 lakh
8. Use of Water/Energy saving devices	Rs. 2.00 lakhs.

Total: Rs.190.00 lakhs.

Flood Control

Rs. 25.00 lakhs.

GRAND TOTAL: Rs.215.00 lakhs.

IRRIGATION & FLOOD CONTROL

EIGHTH FIVE YEAR PLAN-PROPOSALS FOR ANNUAL PLAN -1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT:GN-2  
(Rs. in lakhs)

Code No:	Name of the Scheme/ Projects	7th Plan (1985-90) Agreed Outlay	Actual Expen- diture 1985-88	1988-89 Actual Expendi- ture	1989-90		Annual Plan 1990-91	
					Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
104 000 00	(IV) IRRIGATION & FLOOD CONTROL							
149 027020	Minor Irrigation							
01	Surface Water							
102	Life irrigation system	-					3.00	-
103	Diversion scheme	849.50	441.31	151.50	166.50	166.50	160.00	160.00
800	Other Expenditure						7.00	-
	1. Command Area Development						4.00	-
	11. Strengthening of surface and Ground Water Organisation (50:50)						1.00	-
	111. Encouraging irrigation through use of water/energy saving devices (50:50 CSS)						2.00	-
02	Ground Water	-	-	-	-	-	-	-
005	Investigation	10.00	0.10	3.00	-	-	-	-
80	General							
001	Direction & Administration	119.00	54.13	24.69	30.00	30.00	12.00	-
005	Investigation & Survey	18.50	11.02	2.99	3.00	3.00	6.00	-
052	Machinery & Equipments	3.00	4.21	6.87	.50	.50	2.00	-
	<u>TOTAL:</u>	<u>1000.00</u>	<u>510.77</u>	<u>189.10</u>	<u>200.00</u>	<u>200.00</u>	<u>190.00</u>	<u>160.00</u>
184 271100	<u>Flood Control Drainage:</u>							
01	Flood Control							
103	Civil Works (bank Protection scheme)	105.00	71.58	5.36	25.00	25.00	25.00	25.00



## POWER DEVELOPMENT

A total outlay of Rs. 1870 lakhs has been projected for the Annual Plan 1990-91. In addition to this it is also considered inevitable to seek additional funding from the Power Finance Corporation (PFC) and accordingly Rs. 300 lakhs has been anticipated from this source. The details of the schemes proposed to be taken up during 1990-91 are generally in the nature of continuing works and consolidation except for the Rathongchu Hydel project (3x10 MW) for which preparatory action is proposed to be taken up. The scheme wise details are outlined below.

### A. GENERATION : ALLOCATION RS. 880 LAKH

#### I) MAYONGCHU HYDEL PROJECT ( 2x2 MW)

For this ongoing scheme a provision of Rs. 300 lakh (SP-100 & PFC-200) has been sought. During the year, Civil Works of Forebay tank, Penstock, Approach road to Power House, Power House building, Tail race and switchyard will be completed. The generating equipments will be received and erected. Besides, the 66 KV evacuating transmission line from Mayong to Phodong will also be completed.

#### II) UPPER RONGNICHU HYDEL PROJECT (4x2 MW)

For this project a provision of Rs. 420 lakh (SP-320 & PFC-100) has been sought. About 90% of Civil Works on Intake Weir, Water conductor system, Forebay, Penstock and Power House building shall be completed. Besides, about 50% of Generating equipment will also be received at site.

#### III) KALEZ KHOLA HYDEL SCHEME (4x500 KW)

A provision of Rs. 180 lakh has been proposed for this scheme. The works of approach roads and water conductor system have been taken up during 1989-90. These will be continued during 1990-91. In addition, the Civil works of Silt Trap, Intake Weir, Forebay and Penstock will be taken up during 1990-91. Also, order for the generating equipments will be placed during 1990-91.

IV) MICRO HYDEL SCHEMES:

All the Civil works in respect of the Lachung Micro Hydel Scheme (2x100)KW will be completed. Besides, the generating equipments will be received, erected and commissioned.

Civil Works under Purye Khola Micro Hydel Scheme (2x100KW) will also be completed to the extent of 90% and orders for the generating machineries will be placed. This scheme is scheduled to be completed during 1991-92.

A total provision of Rs. 100 lakh has been sought for the above two Micro Hydel Schemes during 1990-91.

V) REPAIRS OF CAPITAL NATURE

Repairs of various Civil structures in respect of Lower Lagyap, Jail, Rongnichu (Stage-II), Rimbi (Stage-I and II) Power stations which were damaged due to rains/floods/landslides during 1989 will have to be carried out. Further, the works of major repairs/overhauling of Lower Lagyap machines shall also be completed through BHEL.

Rs. 30 lakh has been proposed for these repairs.

VI) RATHONGCHU HYDEL PROJECT (3x12 MW)

This relates to a new project slated for execution during the 8th Plan. During 1990-91, preliminary works like infra-structural development, site preparation, land acquisition, procurement of construction machinery and works of water conductor system will be commenced and for which purpose Rs. 150 lakhs has been proposed.

B. TRANSMISSION AND DISTRIBUTION  
(Allocation: 550 lakh)

B-1 - TRANSMISSION:- ALLOCATION RS. 330 LAKH

(i) 65 KV CONTINUING SCHEMES:

(a) The work relating to laying of 6" KV transmission line from Tadong to Sichei together with 2x5 MVA, 60/11 KV sub-

Station will be by and large completed during 1989-90. Only small residual works shall be carried out during 1990-91. A provision of Rs. 20 lakh is sought during 1990-91 to clear the liabilities on account of this scheme.

(b) The works on 66 KV Melli-Geyzing transmission line along with 2x2.5 MVA, 66/11 KV Sub-Station at Gayzing will also be completed to the extent of 90% during 1989-90. The entire scheme shall be completed by early 1990-91 for which a provision of Rs. 100 lakh is sought.

(c) The Namchi-Rothak (Jorethang) 66 KV line together with 2x5 MVA, 66/11 KV Sub-Station at Jorethang has been taken up. A provision of Rs. 80 lakh is kept for this scheme during 1990-91.

(d) The combined generation of Jali Power House (2.5 MW) and Rongnichu Hydel Scheme, Stage II (2.5 MW) is proposed to be fed into the 66 KV State-Grid through a 5 MVA, 11/66 Synchronising Sub-Station at Topakhani. Preliminary works have been taken up during 1989-90. A provision of Rs. 60 lakh is required during 1990-91 to carry the works further.

ii) 66 KV BTH PLAN SCHEMES:

A token provision of Rs. 10 lakh is sought to take up preliminary works on 5 MVA, 66/11 KV Sub-Station at Mangan with L.I.D.O. arrangements from the 66 KV Mayong-Phodong transmission line which is presently under construction.

(b) A provision of Rs. 40 lakh is sought for developing the 2x6.3 MVA, 66/11 KV Sub-Station at Namchi with L.I.L.O. arrangements from the Melli-Gayzing 66 KV, S/C transmission line. The amount will be utilised for civil works of Switchyard/Control room and payment of advance for purchase of Sub-Station equipments.

(c) A provision of Rs. 20 lakh is sought during 1990-91 towards replacements of 66 KV Sub-Station at Tadong (10 MVA) Lower Lagyap (14.2 MVA), Phodong (2.5 MVA) and Melli (10 MVA) Sub-station.



B-2- DISTRIBUTION SCHEMES : ALLOCATION RS. 220 LAKH.

(i) CONTINUING SCHEMES

A provision of Rs. 100 lakh has been sought for meeting the spillover expenditure from 7th Plan during 1990-91. About 30 Km of 11 KV lines, 30 Km of L.T. lines and 800 KVA, 11/0.4 KV Sub-Station will be completed during 1990-91.

(ii) NORMAL DEVELOPMENT WORKS:

A provision of Rs. 40 lakh is proposed to be utilized for undertaking about 20 KM of 11 KV lines, 10 Km of L.T. lines and 400 KVA, 11/0.4KV Sub-station works.

(iii) SYSTEM IMPROVEMENT WORKS:

A provision of Rs. 80 lakh has been sought under these caption. It is proposed to carry out remodelling of distribution network at Gangtok and Jorethang during 1990-91. Both these works are scheduled to be completed in a period of two years.

C- RURAL ELECTRIFICATION : ALLOCATION RS. 390 LAKH.

(i) STATE PLAN WORKS:

Under this category, intensification works comprising small L.T./11 KV line extensions and Sub-station augmentation works are proposed to be carried out. Towards this, an allocation of Rs. 50 lakh has been proposed.

(ii) REC FUNDED WORKS: ALLOCATION: RS: 290 LAKHS

Upto 31.3.1989, 333 Revenue Blocks out of a total 405 in the State, had been electrified. During 1989-90, another 35 Revenue Blocks are programmed to be electrified and the balance 37 Revenue Blocks are proposed to be covered during 1990-91. An allocation of Rs. 290 lakh during 1990-91 has been kept accordingly.

(iii) REG. FUNDED INTENSIFICATION WORKS (ALLOCATION-Rs.50 LAKH)

At the initial stage when a virgin revenue block is electrified, all consumers are not entirely covered. In the second phase, it is proposed to cover all the areas/consumers progressively for which a token provision of Rs. 50 lakh is sought during 1990-91.

D. BUILDINGS - ALLOCATION RS. 40 LAKH.

A provision of Rs. 40 lakh is sought during 1990-91 of which Rs. 20 lakh each would be utilized towards completion of on-going works and commencement of new building constructions.

E. SURVEY & INVESTIGATIONS (ALLOCATION - RS. 10 LAKH)

The provision is intended for carrying out investigation works pertaining to new hydel schemes and EHV transmission lines.







(ii) Rathong HEP - Geyzing  
132 KV S/S line with  
a 132/66 KV S/S at Gey-  
zing

(iii) Tadong\_Rongli 66 KV  
S/c line with 2x6.3  
MVA S/s at Rongli

1	2	3	4	5	6	7	8	9	10
iv)	L.I.L.O. on Meyanchu HEP Phodong 66 KV. S/S line at Mangan with 1x5 MVA. S/S	-	-	-	-	-	10.00	-	10.00
v)	L.I.L.O. on Melli-Geyzing 66 KV S/C line at Namchi with 2.6.3 MVA S/S	-	-	-	-	-	40.00	-	40.00
vi)	Augmentation/Replacement of 66 KV S/S	-	-	-	-	-	40.00	-	40.00
vii)	Advance action on schemes yielding benefits during 9th Plan	-	-	-	-	-	20.00	-	20.00
	Sub-Total (ii)	-	-	-	-	-	70.00	-	70.00
	Total - (I + II)	511.00	368.55	-	250.00	-	330.00	-	330.00
III.	Distribution Works.								
i)	Spill over works from 7th Plan	361.00	373.51	304.83	150.00	-	100.00	-	100.00
ii)	Normal Development Works/Exten- sion of 11 KV and LT lines & S/S to be taken up during 8th Plan	-	-	-	-	-	40.00	-	40.00
iii)	System Improvement/Remodelling works for reduction works to be taken up during 8th Plan	-	-	-	-	-	80.00	-	80.00

EIGHT FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY & EXPENDITURE

STATEMENT GN 2

Code No.	Name of the Scheme/Projects	7th Plan 1985-90 Agreed outlay	Actual Expenditure 85-88	1988-89 Actual Expenditure	1989-90		(Rs. in lakhs)		
					Approved outlay	Anticipated Expenditure	Annual Plan 1990-91		of which capital content
							Proposed outlay	SP	
1	2	3	4	5	6	7	8	9	10
	Sub-total (III) (Distribution)	361.00			150.00		220.00	-	220.00
	Total (B) - T&L (I + 2 + 3)	872.00	742.06	304.83	400.00		550.00	-	550.00
06C	Rural Electrification								
800	Other Expenditure								
i)	Work under State Plan	-	132.76	-	30.00		50.00	-	50.00
ii)	REC funded on going works (Spill over from 7th Plan out of 31 schemes sanctioned by REC)								
	(a) Normal	1009.00	655.69	490.96	190.00		300.00	-	290.00
	(b) MNP	70.00	21.01	46.36	-		-	-	-
iii)	REC Funded Intensi- fication works to be taken up during 8th Plan								
	(a) Normal	-					50.00	-	50.00
	(b) MNP	-					-	-	-
iv)	REC Funded System impro- vement works to be taken up during 8th Plan								
	Total (C)	1079.00	809.46	537.32	220.00		390.00	-	390.00
80	General								
001	Direction & Adm.	100.00	230.81	95.55	70.00		-	-	-
101	Purchase of Power	-	28.46		-		-	-	-



1	2	3	4	5	6	7	8	9	10
800	Other Expenditure								
i) *	Building	80.00	67.00	9.95	21.00		20.00	-	20.00
a)	Spill over liabilities	80.00	67.00	9.95	21.00		20.00	-	20.00
b)	New Schemes	-	-	-	-		-	-	-
ii)	Survey & Investigation	25.00	11.95	4.95	8.00	8.00	8.00	-	-
iii)	Survey & Investigation Tr. System	-	-	-	-	-	200	-	-
T O T A L POWER :-		3894.00	2559.97	1530.78	1370.00		1870.00	300.00	2170.00

## NEW & RENEWABLE SOURCES OF ENERGY

1. The activities relating to promotion of new and renewable sources of energy are part of the rural development programme though in respect of some of the projects the coverage is not confined to the rural areas. The basic sources of Energy in Sikkim is fuel wood and while in the rural areas the dependence on fuel wood is overwhelming, even in urban areas the main sources of energy for cooking purposes continues to be fuel wood. It has been estimated that even in Gangtok nearly 65 percent of the population depend upon wood as a source for cooking purposes. This preponderant dependence on fuel wood has serious implication as far as the green cover in the State is concerned and if the present trend is not arrested and dependence on fuel wood brought down quite drastically, the rate of denudation of the green cover which is already high is likely to accelerate at a galloping pace. Such denudation cannot but result in heavy loss of green cover with consequences in terms of soil run off, degradation of catchment areas, increasing reduction in the availability of the fuel wood, not to mention the long term effects on the quality of the atmosphere. The deterioration in the catchment areas in Sikkim can have a serious impact on the river system that originate in Sikkim, such as Teesta and Rangeet. All these underline needs for development of alternative sources of energy of renewable character and drastic reduction of the dependence of fuel wood. A multi pronged strategy is called for and during the 7th Plan very significant steps were taken in these areas with the introduction of a number of programmes calculated to promote the use of alternative fuel and encourage the people to reduce the dependence on the forest.

2. The State has abundant potential for development of hydro power and overall process of planning development of hydro power has been given top most priority. No doubt installation of power

station take quite some time but the spread of electricity in the State has been rapid both during the 6th and 7th plan and it is expected that by the middle of the 8th Plan almost all the village in Sikkim would have been electrified. This would no doubt eliminate the necessity to depend upon other sources of energy for lighting purpose. The major problem however is in regard to fuel for cooking and in the cold weather for heating purpose particularly in the higher altitudes. The strategy will therefore have to be a reduction in the role being played by fuel wood in the energy scene at the village level, keeping in mind the fact that use of fuel wood cannot be altogether eliminated in the foreseeable future. While therefore bio-gas, solar energy, wind energy and measures for improving the fuel efficiency are to be taken up in a big way, at the same time specific measures to cater to the needs for fuel wood in the rural areas have to be made part of the programme. No doubt the spread of kerosene, and greater use of natural gas particularly in urban areas need also to be encouraged as the country has made considerable progress in regard to exploration and exploitation of natural gas and the availability has also very considerably improved. In the back ground of the above facts the programmes to be taken up during the 1990-91 are discussed below:-

(a) IMPROVED CHULAS

Annual Plan: 1990-91:Rs. 5 lakhs

The programme is primarily meant to improve the fuel sufficiency of fire wood and was taken up in Sikkim for the first time in the 7th Plan period. It is expected that 16000 improved chullas would have been installed during the period as against the target of 18000. It is estimated that some 60,000 households will have to be covered in the rural areas during the 8th Plan, on the basis of the projected growth of population in the State

however given the capacity of the State execute a project of this nature material constraint etc. It is proposed to set up 5000 improved chullas during the Annual Plan with an outlay of Rs. 5 lakhs.

(b) BIO-GAS

Annual Plan:1990-91:Rs. 7.80 lakhs.

During the 7th Plan period nearly 300 bio-gas plants are expected to be set up in the State, against the target of 185 numbers. Considering the very substantial benefit that flow from this programme and the increasing cattle population in the State it is proposed to instal 150 plants during the Annual Plan period. The outlay proposed is Rs. 7.80 lakhs which will be used also for training adequate manpower. Attempt will also be made to utilise human waste to run the bio-gas plants.

(c) ENERGY PLANTATION

Annual Plan: 1990-91:Rs. 1. Lakh

During the 7th Plan approximately 150 Hectares of energy plantation would have been completed. This programme will be implemented basically in the area where integrated rural energy programme is being taken up and for the Annual Plan an outlay of Rs. 1 lakh is proposed for a physical target of 150 Hectares.

(d) BIOMASS GASIFICATION

Annual Plan:1990-91:Rs. 0.50 Lakh

The intention is to utilise all types of waste for producing energy. However during the 7th Plan no progress was recorded in this direction. This programme will have to be therefore taken up on experimental basis and is proposed to install 2 numbers of gasifiers with a rating of 20 Kilo watts of power at an approximate cost of Rs. 4.5 lakhs, during the 8th Plan. For the 8th Plan taken provision of Rs. 0.50 lakhs has been proposed.

(e) WIND ENERGY:

Annual Plan: 1990-91: Rs. 0.20 lakhs

During the 7th Plan period 4 wind mills of 300 watts capacity

would have been installed primarily for battery charging purpose. The scope for implementing this technology in Sikkim is limited since the required wind velocities are not available in very many places. However, the programme will be implemented more or less on experimental basis during the Plan with a provision of Rs. 0.20 lakh.

(f) SOLAR ENERGY  
Annual Plan: 1990-91: Rs. 4 lakhs

Solar water heaters, solar cookers and solar photo voltaic street lighting devices have been installed in hospitals and street lighting and they have been found particularly useful in the sun belt where the number of sunny days are much larger. We propose to continue the programme during the 8th plan. It is proposed to instal 35 solar water heaters and

25 solar photo volt cell at an estimated cost of Rs. 4 lakhs.

(g) PUBLICITY  
ANNUAL PLAN: 1990-91: Rs. 0.50 LAKHS

It is extremely important to bring home to the people particularly in the rural areas the advantage of alternative sources of energy and the urgent necessity to reduce dependence on fuel wood. A well organised publicity programme for promoting and popularising the programme connected with development of alternative energy sources is extremely important. It is proposed to implement the programme in an attractive manner during the Annual Plan with a provision of Rs. 0.50 lakhs.

(h) DIRECTION & ADMINISTRATION:  
Annual Plan: 1990-91 : Rs. 3 Lakhs

With the considerably expanded physical targets and coverage of more areas particularly under the IREP Programmes there is a need for strengthening the administration framework in the State. It is proposed to create two posts of Assistant Project Officer, Junior Engineer and Supervisors with a view to take care of increased responsibilities and training programmes. A provision of Rs. 3 lakhs will be required for this purpose.

NON-CONVENTIONAL SOURCES OF ENERGY

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY & EXPENDITURE

STATEMENT: GN - 2  
RS. IN LAKH

Code No:	Name of Scheme/Project	7th Plan	Actual	1989-90		Annual Plan	
		1985-90 Agreed Outlay	Expen diture 1985-89	Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which capital content
105 281000	Non Conventional Sources of Energy						
01	Bio-Gas						
101	National Programme for Bio-gas	17.50	10.91	9.00	9.00	7.80	-
103	Bio mass						
	i. Energy plantation	4.00	2.10	3.00	3.00	1.00	-
	ii. Biomass gasification	3.00	-	-	-	.50	-
	<u>Total:</u>	24.50	13.01	12.00	12.00	9.30	-
02	Solar						
101	Solar thermal (Solar Water heater)	-	5.05	3.00	3.00	2.00	-
102	Photovoltaic (PV Cells)	-	3.18	1.00	1.00	2.00	-
800	Other Expenditure (Solar cooker)	20.00	0.50	.50	.50	-	-
	<u>Total:</u>	20.00	8.73	4.50	4.50	4.00	-
03	Wind						
101	Wind Energy	4.00	-	1.00	1.00	.20	-
	<u>Total:</u>	4.00	-	1.00	1.00	.20	-
60	Others (TA)						
001	Direction & Adm.	10.00	8.17	3.00	3.00	3.00	-
101	Improved Chulla	17.50	17.14	6.00	6.00	5.00	-
500	Other Sources (Micro Hydel)	9.00	19.00	-	-	-	-
300	Other Expenditure						
	i. Office Expenditure	11.00	1.86	2.50	2.50	-	-
	ii. Publicity	4.00	1.24	1.00	1.00	.50	-
	<u>Total:</u>	51.50	47.41	12.50	12.50	7.50	-
	<u>Grand Total</u>	100.00	69.15	30.00	30.00	22.00	-



## INDUSTRIES

### (A) VILLAGE & SMALL SCALE INDUSTRIES

#### (1) DIRECTION & ADMINISTRATION : Rs. 1 lakh

A provision of Rs. 1.00 lakh has been provided Annual Plan 1990-91 under this head meant for meeting administrative overheads.

#### (2) INDUSTRIAL ESTATES AREA : Rs. 15 lakhs.

The entire State of Sikkim consists of hilly terrain and nonavailability of flat land for development of Industrial areas and growth centres is posing a serious problem as compared to other States where the situation is entirely different. Few feasible areas have been identified at Manpur in the South district and Majhitar and Saransa in the East where it is proposed to develop industrial growth centres. For this purpose a sum of Rs. 15.00 lakhs has been proposed for Annual Plan of 1990-91.

#### (3) INCENTIVES TO NEW INDUSTRIES : Rs. 30 lakhs.

The State of Sikkim has not been able to provide an attractive package of incentives for motivating prospective entrepreneurs. At the moment, the scheme of industrial incentives are confined to only Small Scale Industrial Units.

A provision of Rs. 30.00 lakhs has been provided for Annual Plan of 1990-91 for providing liberal incentives to new industries including medium industries. It is also proposed that since the capital subsidy scheme has been discontinued with effect from 1.10.1988, the Department will consider giving appropriate subsidy to new industries.

#### (4) DISTRICT INDUSTRIES CENTRES, JORETHANG (C.S.S)

- Rs. 7 lakhs.

The District Industries Centre at Jorethang established under a Centrally Sponsored Scheme, has been able to provide the required support to the artisans and tiny and small scale industrial units at the grassroot level in the South and West District. The Centre undertakes various schemes like training to Rural Artisans, Entrepreneurship Development Programme, Information & Publicity, Marketing of Artisans and Cottage/Small Scale Industrial products.



For the Annual Plan of 1990-91, a provision of Rs. 7.00 lakhs has been provided for continuing these activities. Twenty numbers of units will be assisted which is expected to generate employment opportunities for 400 persons. It is also proposed to assist a minimum of 40 artisans.

(5) D.I.C.Gangtok : Rs. 7 lakhs.

The District Industries Centre at Gangtok also established under a Centrally Sponsored Scheme undertakes extension activities in the same manner for the benefit of target groups from the East and North Districts. While the ongoing promotional programmes will be continued vigorously, it is specifically targetted to help establish 30 numbers of Small Industrial Units which in turn would generate employment for 550 persons. Further 60 artisans are proposed to be suitably assisted under various programmes of the DIC. For these activities Rs. 7 lakhs has been proposed.

(6) INFORMATION & PUBLICITY : Rs. 3 lakhs.

The activities under this scheme involves dissemination of information on various schemes and policies among entrepreneurs and the general public as well.

(7) TRAINING\_CUM-PRODUCTION CENTRE ON BAMBOO PRODUCTS:  
Rs. 35 lakhs.

The State of Sikkim has been growing various types of cane and bamboo. Given these resource endowments it has been considered feasible to develop a Bamboo Processing unit at Jorethang. The proposed capital investment on Plant, machineries and equipment is estimated at Rs. 30.00 lakhs. The products proposed to be manufactured by the unit including resin bonded woven mats can be used as partition boards for house construction, packaging boxes for fruits, vegetables, decoratives and utility items. The products, especially the partition boards has also good scope for export. Since the weaving process is manual, the project will entail substantial employment generation in the rural areas. The weavers are to be imparted required skill and the same is proposed to

be provided through training programmes in the Centre. At a later stage, when sufficient number of weavers are available, prospective entrepreneurs will be motivated and assisted to set up their own units in different parts of the State. The Scheme is targetted to generate market for bamboo which is locally available and to encourage bamboo plantation in the hill slopes which will ultimately control landslides and soil erosions. For the year 1990-91, as all the capital expenditure is to be incurred to set up the unit, Rs. 35.00 lakhs is earmarked.

(8) SIKKIM KHADI & VILLAGE INDUSTRIES : Rs. 20 lakhs.

Under this scheme, various activities which are under the purview of the Sikkim Khadi & Village Industries Commission are being implemented by the State Khadi and Village Industries Board. An outlay of Rs. 20 lakhs has been proposed for the Annual Plan period of 1990-91.

(9) PROCESSING OF AROMATIC AND MEDICINAL PLANTS:

Rs. 5 lakhs.

The State of Sikkim is endowed with variety of floral species which have medicinal properties. With a view to utilise the available herbal resources for manufacture of medicinal and aromatic products, a study was conducted by the Department through the Regional Research Laboratory, Jammu. As per the Report scope for utilisation of the wild resources of certain medicinal and aromatic plants and also for cultivation of such herbal materials and its processing has been well established. Like any other cash crops, cultivation of medicinal and aromatic plants will help the farmers to realize better returns from their holdings. For this scheme Rs. 5 lakhs is proposed.

(10) DIRECTORATE OF HANDICRAFTS & HANDLOOMS: Rs. 52 lakhs.

The Government of Institute of Cottage Industries which was converted into a Directorate of Handicrafts and Handlooms in 1987 has been functioning for over 3 decades and playing a very crucial role in providing a package of services consisting of training and manpower, production of handicrafts and handlooms and marketing of end products. So far more than 600 trainees have been imparted skills in various crafts and the branch centres have been expanded

considerably to remote areas where services of training and employment are made available for the rural people particularly the women folk.

During the Eighth Plan special emphasis will be laid on consolidating the activities of the Directorate with particular emphasis on technology improvement to bring about substantial improvement in productivity and quality standard. While the existing programme of training, production and marketing will be continued vigorously it is also necessary to progressively expand the centres to the remote areas for the benefit of the rural people. In the production wing it is proposed to upgrade the existing technologies by installing modern and more versatile machinery. For the Annual Plan a total outlay of Rs. 52 lakhs has been proposed for the Directorate as per break up given below :-

1. Direction & Administration	: Rs. 1.50 lakhs
2. Training Programmes	: Rs. 35.00 lakhs
3. Production Programmes	: Rs. 3.00 lakhs
4. Research & Development	: Rs. 2.00 lakhs
5. Marketing	: Rs. 2.00 lakhs
6. Field Level Organisations	: Rs. 7.50 lakhs
7. Hand Made Paper Unit	: Rs. 1.00 lakhs
	<u>Rs. 52.00 lakhs</u>

(B) MEDIUM INDUSTRIES :

(1) INDUSTRIAL SURVEY & REPORTS : Rs. 2 lakhs.

Under this Scheme, during the Seventh Plan period, a number of feasibility studies on industrial projects had been undertaken. Besides such studies, the services of West Bengal Consultancy Organisation Limited has also been availed of which has immensely helped in providing the required consultancy services to the prospective entrepreneurs in the State.

During the Annual Plan period, the activities under this Scheme will be continued and accordingly, a provision of Rs. 2.00 lakhs is proposed.

(2) SIKKIM INDUSTRIAL DEVELOPMENT & INVESTMENT CORPORATION LTD. - Rs. 170 lakhs.

The Corporation was established in the year 1977 and it is discharging the dual functions of a State Industrial Development Corporation and that of a State Financial Corporation. The Corporation has been instrumental in development of industries in the State. Financial assistance under various schemes of the Industrial Development Bank of India are also being implemented by the Corporation.

The Corporation will continue to discharge the functions of the State Financial Corporation and a new Company is proposed to be formed to discharge the functions of the State Industrial Development Corporation, inter-alia to undertake various developmental activities, viz : establishment of units in the State Sector, Joint Sector, creation of growth centres/industrial estates, marketing of industrial and handicraft products, both within and outside the State.

Nevertheless, the role of the Corporation will in no way diminish and accordingly, an outlay of Rs. 170.00 lakhs has been proposed for the Annual Plan period.

(3) SIKKIM TIME CORPORATION LIMITED : Rs. 200 lakhs

This Corporation, in view of its outstanding performance, has been adjudged as one of the best ancillary units of Hindustan Machine Tools, Bangalore, in the field of assembling wrist watches. The Company, besides assembly of wrist watches, has also established a unit for the manufacture of watch crowns and the products are being marketed by H.M.T. Encouraged by the results, the Company has further diversified its activities and established a unit for the manufacture of Discrete Silicon Semi-Conductor Devices in collaboration with M/S. Bharat Electronics Limited, Bangalore with an investment of Rs. 3.29 crores.

It has been now proposed to further diversify its activities by doubling the capacity of the discrete silicon semi-conductor unit from 35 millions to 70 millions per annum. In addition to this, two more projects, one of Electron Guns and the other on power devices in collaboration with Bahrat Electronics Limited are proposed to be established.

For the Annual Plan period, a provision of Rs. 200 lakhs is proposed.

(4) SIKKIM FLOUR MILLS LIMITED : Rs. 2 lakhs

The Extruder Food Processing unit has sufficient scope for diversification into other food items and also the modernisation programme being necessary, it is proposed to undertake the diversification-cum-modernisation programme of the Extruded Food Processing Unit during the Eighth Plan period.

For the Annual Plan period, an amount of Rs. 2.00 lakhs is proposed.

(5) COLD STORAGE : Rs. 2 lakh.

During the 8th Plan period, it has been proposed to subsidise the interest on the term loan and working capital and also meet the overhead expenses by the Government. Accordingly, a provision of Rs. 2.00 lakhs is earmarked for the Annual Plan.

(6) DEVELOPMENT OF TEMI TEA ESTATE: Rs. 10 lakhs.

Sikkim is producing one of the best quality tea and the products has fetched good remunerative prices in the Calcutta auctions. During the Eighth Plan period, stress will be laid on increasing the area under Tea Plantation by another 1000 acres. Financial assistance from the Tea Board of India is proposed to be availed of and the plantation under-taken in private land holdings in the areas adjoining the present Temi Tea Estate.

During the Annual Plan period, a sum of Rs. 10.00 lakhs has been proposed.

(7) VEGETABLE OIL EXTRACTION PLANT : Rs. 40 lakhs.

During the 7th Plan period, a Vanaspati Plant with a capacity of 50 TPD had been established. Considering the bottlenecks involved in procurement of raw materials for the plant during the Eighth Plan period, it is proposed to encourage production of oil seeds, viz: sunflower, and soya-bean in the agricultural sector and also create necessary processing facilities in the State. Encouragement for production of oil seeds in the State is expected not only to support the existing Vanaspati Unit, but also create an alternative avenue for the farmers in getting remunerative returns as compared to the traditional crops like paddy, maize, millet, etc.

Accordingly, a Techno-economic Feasibility Report on the cultivation of Sunflower and Vegetable Oil Extraction Plant has already been prepared. It is evident from the Report that a plant with a capacity of 80 TPD for processing of oil cakes and 60 TPD of Soyabean and rice bran is technically feasible and economically viable. The total investment for setting up the unit is estimated at Rs. 3.5 crores.

Accordingly, during the Annual Plan period, a provision of Rs. 40.00 lakhs has been earmarked.

(8) GINGER PROCESSING PLANT : Rs. 15 lakhs.

Ginger is one of the main cash crops of the State. It is estimated that at present, the State produces about 15,000 MTs of ginger. In the absence of processing facilities in the State. Ginger is being marketed through the local traders in markets like Delhi and Calcutta on wholesale basis. The wholesale price of ginger during the last year varied between Rs. 3,000/- to Rs. 6,000/- per tonne during the harvesting and lean periods respectively. The procurement price of ginger is estimated at 30% of the wholesale prices.

In view of the hilly terrain and climatic conditions, the State has a vast scope for increasing production of ginger and asusuch, in order to encourage the farmers and also to establish the market for ginger, it has been proposed to establish a Ginger-Processing Plant during the Eighth Plan period. Depending upon the market demand, various products like dry ginger, oleoresin, ginger ale, ginger pickles, ginger-in-brine, etc are proposed to be manufactured. The products of the unit will be marketed both indigenously and for export. It is understood that products like ginger-in-brine and ginger-pickles have substantial demand in countries like Japan. Action for exploring the possibility of export of ginger products has already been initiated through Agricultural Products Exports Development Authority.

Accordingly, for the Annual Plan period, an amount of Rs. 15.00 lakhs has been proposed for this area of development.

(9) SIKKIM JEWELS LIMITED : Rs. 100 lakhs

The Sikkim Jewels Limited has been manufacturing a variety of watch jewels and production capacity is 1.2 million pieces per year. Negotiations have been held with a Swiss Company manufacturing similar items with a view to exploring the possibility of obtaining modern high speed precision machines with much higher productivity so that there can be a substantial step up in the production of these products. Sikkim Jewels is one of the four units in the entire country manufacturing these items and the internal demand is much higher than the present capacity in the country. Further there is also a substantial export demand which can be satisfied if the production capacity is increased. In the negotiations with the Swiss Company the question of exports has been considered and it has been agreed that 30 percent of the production will be exported. Keeping all these considerations in mind a project with an investment of Rs. 7.21 crores has been formulated. The viability of this project has been examined by the IDBI who have agreed to sanction a loan of Rs. 3.5 crores.

: 9 :

Internal generation of funds and share capital contribution by private investors will generate approximately Rs. 2 crores. M/S Sikkim Industrial Development and Investment Corporation will be contributing around Rs.1 crore as a loan. It is proposed that in order to fill the remaining gap Government should contribute Rs. 1 crore as additional share capital to Sikkim Jewels as part of the Eighth Plan. Since the project will be taken up during 1989-90 and will be completed during 1990-91 the entire Rs. 1 crore will have to be provided for in the 1990-91 plan itself.

10. SELF EMPLOYMENT TO EDUCATED EMPLOYED YOUTH SCHEME.

This is a continuing scheme under the Central Sector to be financed through the Nationalised Banks. As unemployment amongst the educated youth in the State is on the increase, this Scheme if extended by the Central Government for a further period, will be of immense help.





EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY & EXPENDITURE

STATEMENT:GN-2  
(Rs. in lakhs)

Code No.	Name of the Scheme/Projects	7th Plan 1985-90 Agreed Outlay	Actual Expen- diture 1985-89	1989-90		Annual Plan 1990-91	
				Approved Outlay	Anticipated Expenditure	Proposed Ou+lay	Of which capital content
106 000000	Industry & Minerals						
106 285100	Village & Small Industries						
001	Direction & Administration	7.00	3.60	2.00	2.00	1.00	-
101	Industrial Estate	60.00	36.25	8.00	8.00	10.00	10.00
102	Small Scale Industry	73.00	41.00	27.00	27.00	47.00	-
104	Training cum production centre on Bamboo Products						
105	Khadi & Village Board	75.00	73.00	20.00	20.00	20.00	-
110	Composit Village and Small Industries & Cooperatives	10.00	5.22				
111	Employment schemes for unemployed Educated Youths						
200	Other Village Industries	100.00	131.60	43.80	43.80	57.00	-
	i. Directorate of Handicraft and handloom	100.00	131.60	43.80	43.80	52.00	-
	ii. Processing of Aromats & Medicinal Plants	-	-	-	-	5.00	-
	Total	325.00	291.17	100.80	100.80	175.00	45.00
100 285200	Medium Industries						
80	General						
190	Investment in Public sector and other undertakings (SIDICO)	60.00	68.00	90.00	90.00	170.00	170.00

	1.	2.	3.	4.	5.	6.	7.	8.
800	Other expenditure (Industrial survey and reports)		5.00	2.00	2.00	2.00	2.00	-
05	Chemical & Pharmaceutical Industries		-	-	-			
205	Chemical & Pesticides (Phyto-chemical corp.)		10.00	10.00	-	-	-	-
07	Telecommunication and Electronic Industries							
190	Investment in Public sector and other undertaking(SITCO)		40.00	142.00	20.00	20.00	200.00	200.00
08	Consumer Industries		-	-				
600	Others							
	i. Sikkim Flour Mill		30.00	28.50	1.50	1.50	2.00	-
	ii. Govt. Fruit Preservation Factory		80.00	83.00	-	-	-	-
	iii. Cold Storage		-	3.00	2.00	2.00	2.00	-
	iv. Fruit Preservation and Vegitable canning unit at Rothak		10.00	10.00				
	v. Temi Tea Estate		135.00	99.50	35.50	35.50		
	vi. Vegitable Oil Extraction plant		-	-	-	-	40.00	40.00
	vii. Ginger Processing plant		-	-	-	-	15.00	15.00
	viii. Sikkim Jewel ltd.		-	-	-	-	100.00	100.00
	Total: (Medium Industries)		370.00	443.00			541.00	535.00
	Total: Industries		695.00	734.17			716.00	580.00

## MINES AND GEOLOGY

The department of Mines and Geology is mainly involved in undertaking survey, investigation and exploration of mineral resources of the State. Intensive investigation and exploration activities in the plans have yielded results in the case of certain minerals as dolomite, talc, etc. Some of these mineral resources have been found to be of satisfactory quality for the purpose of industrial use such as talc, dolomite quartzite. Investigation and analysis of other minerals are being continued in order to determine their potentiality for commercial exploitation. For these analytical exercises, the existing laboratory has been strengthened in terms of modern machinery and equipments and besides the expertise of outside research and analytical institutes are also relied upon whenever required. All these extensive mineral exploration activities however are taken up with utmost care without jeopardizing the ecology and the environment. Keeping this crucial aspect in mind, the area of engineering geology has been accorded high priority and already certain vulnerable areas which are threatened by landslides and ecological hazards have been surveyed and remedial conservation measures also recommended. The expertise of the Geological Survey

of India is also being sought for preparation of a comprehensive map of the State wherein landslide areas can be reflected on a zonal basis. This would enable the department to study the effected zones and formulate corrective measures. For the purpose of updating of these maps, the Department will also seek the help of the Remote Sensing Cell of the Forest Department from whom aerial photography/satellite imageries can be readily obtained for reference.

In the Seventh Plan the activities of the department have diversified into new areas as rock cutting and polishing, geomorphological studies, seismic studies, microbiological studies, etc. For these specialised research based programmes, the facilities in the laboratory has also been upgraded substantially.

For the 1990-91 Annual Plan, a total outlay of Rs. 04.50 lakhs has been proposed as per scheme wise details outlined below:

1. DIRECTION AND ADMINISTRATION: RS:5.50 LAKHS:

\*With the intensification of exploratory and investigation programmes as well as diversification of the departments activities certain posts as Drillers, Rigmen laboratory attendant and field assistant have been proposed. Besides, it is also proposed to procure certain

3.

essential equipments for investigatory and analytical purposes. In service training will also receive attention. The above outlay is proposed with these in mind.

2. MINERAL EXPLORATION: RS 8 LAKHS

The programme of exploration will be continued. While the on going projects will have to be carried on until results are fully established, exploration of unknown resources will also be initiated. For this purpose Rs. 8 lakhs has been proposed.

3. RESEARCH AND DEVELOPMENT RS: 1 LAKH

The research and development programme constitutes a very important component of the overall activity of the department. The above outlay is intended for upgrading the laboratory facilities.

4. ASSISTANCE TO PUBLIC SECTOR UNDERTAKINGS

In pursuance of the decisions concluded from a joint review of the progress in respect of the Sikkim Mining Corporation, whereby it was recommended that the capital be restructured to bring about equitable contribution from both parties namely, The State Govt:

Contd/- 4/-

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and the Government of India, the major contribution during the first three years of the plan is to be made by the latter party . . . Since the State Government would be required to contribute to the investment only from the second year of the plan, no provision has been made in 1990-91 Annual Plan.

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT GN-2

(Rs. in lakhs)

Code No	Name of the Scheme/Projects	7th Plan (1985-90) Agreed Outlay	Actual Expenditure 85.88	1988-89 Actual Expenditure	1989-90		Annual Plan 1990-91	
					Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
1	2	3	4	5	6	7	8	9
106285302	<u>MINING</u>							
02	Regulation & Dev. of Mines.							
001	Direction & Adm.	47.50	29.67	8.73	9.50	9.50	5.00	-
003	Training	-	-	-	-	-	.50	-
004	Research & Dev.	4.00	4.97	0.98	1.00	1.00	1.00	1.00
102	Mineral Exploration	38.50	12.28	3.52	7.50	7.50	8.00	-
190	Assistance to public sector and other undertaking	60.00	39.10	7.00	-	-	-	-
	<b>Total</b>	<b>150.00</b>	<b>86.02</b>	<b>20.23</b>	<b>18.00</b>	<b>18.00</b>	<b>14.50</b>	<b>1.00</b>





## ROADS AND BRIDGES

It has been already explained that when the road development pattern in Sikkim and the classification of roads were streamlined with those of the Indian Union, the low cost roads, irrespective of their standard, were classified into State Highways, Major District Roads and Other District Roads. To meet the present requirements of the present traffic volume and the intensity of axle loads, the two activities of the State in Road Sector, out of the three broadly classified activities are : a) Removal of Deficiencies and (b) Replacement.

To give the required specifications laid down by the Ministry of Surface Transport, in respect of the different low cost roads in Sikkim, the existing roads will have to be upgraded by improving their width, geometrics, gradient, surface and replacing or reinforcing the bridges along them. Thought have been given to these aspects because the deficiencies existing in these roads are not only impeding the movement of bigger vehicles but also result in constant breaches of roads during monsoon because even a small slide or breaking away a portion of the road surface down the valley leave no width for the traffic because of their narrow width and inconvenient geometrics.

The bridges along the low cost roads mentioned above, have capacity to take on limited live loads. Most of these bridges are very old and need either replacement by permanent bridges or reinforcement. Some of the low cost roads are not only narrow but their macadam surface are not designed to take on heavy axle loads. Therefore, the surface of such roads need to be replaced.



- (a) Lamba Bhir slide at 11 km of Nayabazar-Melli road.
- (b) Makha - Yangang ( 22 Km )
- (c) Pelling - Rimbi ( 15 Km )
- (d) Sombaria - Hilley ( 29 Km )

The greatest difficulty faced by road network in hilley areas with plenty of rainfall is the occurrence of slips at numerous places. Some slip spots are a source of annual road breaches. These specific spots need to be treated by providing anti erosion measures. In 1990-91, the following slope treatment and the protection works will be taken to minimise the continuous process of slides.

- a) Lamba Bhir slide at 11 km of Nayabazar-Melli road.
- b) Kumrek slip at 3rd km of Rangpo-Rorathang road.
- c) 24th slide of Dikchu - Sankalang - Mangan (D.S.M.) road.
- d) Narak slip at Mamring - Phong road.
- e) 26th km massive slide of Nayabazar - Melli road.
- f) 11th km slip at G.R.B.A. road.

The works of replacement of present Mamring Suspension bridge over River Teesta by a permanent Class AA bridge would continue. Apart from this the reinforcement of the Kalez bridge and Maneychu bridge would be taken up.

The fore-going two activities are for improving the standard of roads which were constructed as low cost roads in the Sixties and before.

After the Planning process was streamlined in All India pattern, many roads of specification have been constructed upto intermediate phases. Though the traffic along these roads are in operation, yet the subsequent phases of work like providing macadam road surface, providing protection and providing bitumenous surface are yet to be undertaken. Under this activity, the thrust has been given to carry out the remaining phases of works of such

roads lying in the intermediate stages. In 1990-91, the second phase work in the following roads would be commenced :-

- i) Ralang -- Phamtam road.
- ii) Rumtek -- Rey -- Ranka road.
- iii) Rayong -- Tinkitam road.
- iv) Sichey -- Ranka -- Gangtok road.
- v) Rongli -- Dalapchen road.

Coming to the question of connectivity to villages without vehicular access, it is envisaged that the new roads of only 135 kms. would be constructed upto earthen formation level in the Eighth Five Year Plan. In 1990-91, the works of new roads construction in the following roads will be commenced:-

- i) Longchuk -- Salyongdang.
- ii) Mamring -- Tareything -- Biring.
- iii) Song -- Zingla -- Martam.
- iv) Vok -- Denchong -- Namchi.
- v) Pakyong -- Karthok.
- vi) Namchi -- Rong.

As mentioned in the draft Eighth Five Year Plan book the roads constructed upto earthen formation level can be made trafficable only after the bridges are laid along these roads. In 1990-91, two number of major bridges and few number of minor bridge would be commenced in Chakung -- Khaniserbong road, one number of minor bridge in Chungrang -- Khongri road, two numbers of minor bridges in Ranka -- Luing road and some minor bridges in Dalepchen -- Rongli road.

The status of the machineries existing, the requirement of the number of machineries as per norms and the shortfall has been indicated in the draft Eighth Five Year Plan. Efforts will be made to minimise the gap and in 1990-91, onenumber of bulldozer one number of grader and a roller are proposed to be acquired. A work shop at Gangtok would be constructed for repair and maintenance.

of road machineries. The schemes for storage facilities at Jcrethang and Geyzing would also be commenced in the already acquired sites.

A total outlay of Rs. 1302 lakhs has been projected for the 1990-91 Annual Plan. The schemewise allocations have been detailed in the Statement GN-2.



DEVELOPMENT SCHEME/PROJECTS- OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Code No.	Name of the Scheme/Projects	7th Plan (1985-90) Agreed Outlay	Actual Expenditure 85.88	1988-89 Actural Expenditure	1989-90		Annual Plan 1990-91	
					Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
1	2	3	4	5	6	7	8	9
107305400	Roads & Bridges							
04	District & Other Roads.							
052	Machinery & Equipment	150.00	154.73	70.00	76.00	76.00	85.00	85.00
102	Bridges(Replacement)	543.00	457.31	126.55	80.00	80.00	100.00	100.00
337	Road Works (Removal of deficiencies)	1307.00	954.29	451.00	372.50	372.50	490.00	490.00
800	Other Expenditure							
	i) Bridges (MNP) Expansion	105.00	123.27		105.00	105.00	127.00	127.00
	ii) Road (MNP) (Expansion including link Roads)	1000.00	469.00	278.17	238.50	238.50	362.00	362.00
	iii) Inter Village Communication (RDD)	305.00	213.38	72.62	76.00	76.00	75.00	75.00
107305480	<u>General</u>							
001	Direction & Adm.	170.00	90.52	34.01	40.00	40.00	23.00	-
800	Other Expenditure	100.00	103.91	16.75	76.00	76.00	40.00	40.00
	<b>Total</b>	<b>3740.00</b>	<b>2566.41</b>	<b>1049.16</b>	<b>1064.00</b>	<b>1064.00</b>	<b>1302.00</b>	<b>1279.00</b>





## ROAD TRANSPORT

Sikkim is a land locked State and is entirely dependent upon road transport. There has been very substantial increase in both the passenger and goods movement, with the increase in population and growth of the economy. A large variety of goods have to be brought into the State and in the absence of Rail head within the State, the railhead at New Jalpaiguri/Siliguri is utilised. The Sikkim Nationalised Transport has to bear the responsibility of bringing in huge volume of goods and passenger traffic from outside the State as also cater to the requirement for transport and travel within the State. It is incumbent on the part of the undertaking to ensure uninterrupted and efficient services so that the population which is entirely dependent upon road transport is not handicapped in any way. Further, with the increasing requirements of materials for the Defence service, greater responsibility has fallen upon the shoulders of the Sikkim Nationalised Transport.

The traffic, both in terms of goods and passengers has been growing at a rapid rate, particularly during the Seventh Plan. It is estimated that on an average, 17% growth in goods traffic and 16% growth in passenger traffic has taken place during the period. It is expected that during the Eighth Plan, this trend will continue. Further, the need for opening of new routes, replacement of old and over-aged vehicles, betterment of passenger amenities and modernisation and improvement of workshop facilities will have to be given adequate attention in the Eighth Plan. It is also necessary to build up infrastructure at Siliguri so that movement of goods transshipment are taken care of.

The total outlay proposed in the Eighth Five Year Plan is of the order of Rs. 2183 lakhs of which Rs. 366 lakhs is envisaged during the initial year of the Plan. Scheme-wise details for the 1990-91 Annual Plan are discussed in the following paragraphs.

i) Direction and Administration : (Rs. 15 lakhs)

The above outlay is intended to cover the administrative overheads of the Department which comprises various sections. During the 8th Plan considerable expansion of the organisation has been envisaged consistent with the expansion of facilities of the Department and therefore certain posts are proposed to be created during the Annual Plan. Provision has also been kept for personnel development and inservice training in relevant technical disciplines.

ii) Tools and Plants : (Rs. 14 lakhs)

As part of the overall effort <sup>to</sup> modernise the facilities in the department workshop with the view to enhancing the level of efficiency of Services, it is proposed to acquire one car washing machine, one scanning machine and one generator

iii) Purchase of Fleet : (Rs. 250 lakhs)

The above outlay will be utilised for replacement of existing old fleet which are uneconomical to operate. During the year, 35 buses and 16 trucks are proposed to be replaced.

iv) Workshop facilities : (Rs. 26 lakhs)

The above outlay is made to meet the spill over commitments on account of the construction of the Central Workshop at Ranipool. The total quantum of spill over in respect of the project is of the order of Rs. 90 lakhs.

v) Driver Training School : (Rs. 1 lakh)

The programme of conducting training of drivers and organising intensive road safety campaigns will be continued and for which purpose Rs. 1 lakh has been kept.

vi) Bus Terminus, Passenger Amenities : (Rs. 50 lakhs)

Out of the total provision of Rs. 250 lakhs for the 8th Five Year Plan, Rs. 50 lakhs is proposed for the Annual Plan 1990-91. It is proposed to construct one Terminus/<sup>each</sup>for

and South bound traffic.

North Bound traffic/ Each of these terminus will have adequate parking facilities and requisite passenger amenities. Further upgradation of terminus at Jorethang and Siliguri with basic amenities for passengers will be undertaken. During the first year of the plan period, 20% of the work is expected to be completed.

vii) Warehouse facilities : (Rs. 4 lakhs)

With the provision of Rs. 25.00 lakhs for the 8th Plan, construction of warehouses at various strategic points would be taken up. In the first year of the plan, Rs. 4.00 lakhs is proposed for this purpose.

viii) Booking Office: (Rs. 5 lakhs)

The existing level of facilities in the booking Office for the benefit of passengers is much to be desired. It is therefore proposed to make up these deficiencies and provide basic amenities as waiting benches, rain shelters, drinking water, toilets, etc. in all the booking offices. For the first phase of this programme a sum of Rs. 5 lakhs has been proposed during the Annual Plan 1990-91.

ix) Computerisation : (Rs. 1 lakh)

In keeping with the development on modern management systems, it is considered crucially important to modernise the management system in the Department. As part of this <sup>scheme for</sup> modernisation and general overhaul of the administrative system, it is proposed to go into computerisation for which it will be necessary to ascertain the requirements of the department through an indepth study by computer specialists. A token provision of Rs. 1 lakh is proposed to initiate steps in this regard.



ROADS TRANSPORT

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91

STATEMENT GN - 2

DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

Code No.	Name of the Scheme/ Projects	7th Plan (1985-90)	Actual Expen- diture 1985-88	1988-89 Actual Ex- penditure	1989-90		Annual Plan 1990-91	
					Approved outlay	Anticipa- ted ex- pendi- ture	Proposed outlay	of which capital content
1	2	3	4	5	6	7	8	90
735300	Road Transport							
201	Sikkim Nationalised Transport							
i)	Direction & Adminis- tration	50.00	40.50	15.29	18.00	18.00	15.00	-
ii)	Tools & Plants	30.00	19.26	7.56	7.00	7.00	14.00	14.00
iii)	Purchase of Fleet	348.00	291.42	75.92	114.00	114.00	250.00	250.00
iv)	Workshop facilities	300.00	136.93	41.43	80.00	80.00	28.00	26.00
v)	Driver Training School new schemes	-	,60	0.64	1.00	1.00	1.00	1
vi)	Bus terminal passenger Amenities	-	-	-	-	-	50.00	50.00
vii)	Ware house facilities	-	-	-	-	-	4.00	4.00
viii)	Rock office	-	-	-	-	-	5.00	5.00
ix)	Computerisation	-	-	-	-	-	1.00	1.00
	TOTAL :-	728.00	488.72	140.84	220.00	220.00	366.00	- 349.00

1	2	3	4	5	6	7	8	9
07307500								
60	Others	-	-	-	-	-	-	-
800	Helicopter Services	-	-2.65	52.65	50.00	50.00	-	-
	T. TAL :-	728.00	486.07	193.49	270.00	270.00	366.00	349.00

## SCIENCE & TECHNOLOGY & ENVIRONMENT

Science and Technology has been recognised as an important instrument in bringing about improvement in productivity standards and there have been considerable emphasis on upgradation of technology, introduction of new technologies and creating, an all round awareness of the role that can be played by science and technology in development effort. In Sikkim the Planning and Development Department has been discharging the responsibilities, relating to science and technology in collaboration with the Sikkim Science Society and during the Seventh Plan period programmes relating to awareness, science education, establishment of a mushroom spawn laboratory, remote sensing application and sponsoring a specialised studies were undertaken. It is proposed to expand the activities quite considerably during the Eighth Plan and this has been reflected in the main document relating to the period 1990-95. As regards the Annual Plan 1990-91 the programmes proposed to be taken up are as follows:

1. DIRECTION AND ADMINISTRATION:

ANNUAL PLAN 1990-91: RS: 1.50 LAKHS

It is proposed to create a full fledged Science and Technology Department in Sikkim, as at the moment Planning and Development Department are taking care of these responsibilities. Further the creation of a Science & Technology Council is also proposed and for this purpose an outlay of Rs. 1.50 lakhs is proposed.

2. STATE SCIENCE LIBRARY:

ANNUAL PLAN 1990-91: RS: 1.50 LAKHS

It is proposed to shift the existing library which is in rented premises to a complex where the State Museum is stated to be built. It is proposed to also considerably augment the reading material and the regular publication of the Sikkim Science Society namely the Science News Letter and Journal of Hill Research



will be continued. A provision of Rs. 1.50 lakhs for the Annual Plan 1990-91 is proposed.

3. SCIENCE AWARENESS PROGRAMME:

ANNUAL PLAN 1990-91: RS. 1.50 LAKHS

This programme is primarily meant for creating awareness among the rural people of the benefits of Science and Technology in every day life. Besides involvement of students in debates and essay writing is also envisaged. The programme is carried through with the involvement of departments like Agriculture, Health, Animal Husbandry etc. so that the scientific aspects of programmes under these departments are popularised.

4. FIELD RESEARCH PROJECT:

ANNUAL PLAN 1990-91: RS. 0.50 LAKHS

The idea is to provide research grants so that students can be encouraged to undertake surveys and compile information, by devoting themselves to constructive efforts. A provision of Rs. 0.50 lakhs is proposed for 1990-91.

5. SCIENCE PROMOTION ACTIVITIES:

ANNUAL PLAN 1990-91: RS. 0.50 LAKHS

There is a general lack of interest in schools in Sikkim as regards science and students seem to be opting for Art subjects more. There is a need therefore to encourage students to take special interest in science and for this purpose it is proposed to provide scholarships to meritorious students to encourage them to take to science courses. A provision of Rs. 0.50 lakhs is proposed for the Annual Plan 1990-91.

6. INVESTIGATION OF IODINE DEFICIENCY:

ANNUAL PLAN 1990-91: RS. 1.50 LAKHS

In Sikkim there is fairly widespread prevalence of iodine deficiency and it has been considered necessary to establish facilities for detecting iodine deficiency among children at an

early stage. The laboratory will have radio immune assay facility, elisa reader with printer etc. The total cost of the laboratory is estimated to be Rs. 7.50 lakhs, out of which during the first year Rs. 1.50 lakhs can be provided for.

7. TISSUE CULTURE LABORATORY WITH PARTICULAR EMPHASIS ON ORCHID MULTIPLICATION:

ANNUAL PLAN 1990-91: RS. 12 LAKHS

It is proposed to establish a full fledged Tissue Culture Laboratory with a separate building, equipment, insulation and provision of manpower. This laboratory will be used for clonal propagation and multiplication of hybrid orchids so that uniform products can be produced and not only for the domestic market but also for exploring export possibilities. A total provision of Rs. 75 lakhs has been proposed in the Eighth Plan and in the first year Rs. 12 lakhs will be required to commence work on the project.

8. REMOTE SENSING APPLICATION:

ANNUAL PLAN 1990-91: RS. 12 LAKHS

The existing remote sensing centre needs to be upgraded to serve the requirements of departments such as Agriculture, Land Use & Environment, Irrigation, Forest, Rural Development etc. so that proper forest mapping, water shed survey, targetting of ground water potential zone etc. can be taken care of. A total provision of Rs. 80 lakhs is proposed during the Eighth Plan. Out of which during the first year an expenditure of Rs. 12 lakhs is proposed.



SCIENCE & TECHNOLOGY  
EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN- 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT GN--

(Rs. in lakhs)

Code No	Name of the Scheme/Projects	7th Plan (1985-90) Agreed Outlay	Actual Expenditure 85-88	1988-89 Actual Expenditure	1989-90		Annual Plan 1990-91	
					Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
1	2	3	4	5	6	7	8	9
109000000	Science & Technology & Environment.							
109342560								
001	Direction & Adm.	-			-		1.50	-
004	Research & Dev.	22.00	8.80	8.20	10.00	10.00	15.50	-
	i) State Science Library						1.50	-
	ii) Field Research Projects						0.50	-
	iii) Research on Iodine Deficiency						1.50	-
	iv) Remote Sensing Application						12.00	-
800	<u>Other Expenditure</u>						14.00	
	i) Science Awareness Prog.						1.50	-
	ii) Science Promotion						0.50	-
	iii) Tissue Culture						12.00	10.00
	Total	22.00	8.80	8.20	10.00	10.00	31.00	10.00



## ENVIRONMENT PROGRAMME

The fast pace of development, rising population, spread of urban areas etc. have already started posing threats to the environmental status in Sikkim. Programmes relating to environment will have to be carried out in coordination with Forest, Agriculture and Rural Development Departments. Further Air and Water Pollution Act as well as Forest Conservation and Environment Protection Act need to be fully implemented in the State. The programmes proposed during the 1990-91 period which are part of the framework of the Eighth Five Year Plan are detailed below :

1. WET LAND CONSERVATION PROGRAMME :

ANNUAL PLAN 1990-91 : RS. 15 LAKHS

Sikkim has a large number of lakes which are located primarily in the high altitudes. Unfortunately for quite some time now these lakes have started showing signs of degradation caused by human and animal interference, road construction activities, building activities etc. It is necessary to make a proper assessment of the situation in this area and initiate conservation measures. Survey and demarcation, assessment of the aquatic fauna and flora, preventive measures and drawing up of a management plan are envisaged. While a total provision of Rs.100.00 lakhs is proposed for the Eighth Plan during the first year Rs.15 lakhs is proposed to be spent.

2. BOTANICAL GARDEN AT RUMTEK :

ANNUAL PLAN 1990-91 : RS.3 LAKHS

A botanical garden has been established at Rumtek primarily for conserving a variety of plant species which are becoming rare and facing possible extinction. One glass house has also been constructed. It is necessary to provide proper water supply facility for

the garden and expand facilities for tourists who come to the nearby Rumtek Monastery. During the first year of the plan Rs. 3 lakhs is proposed to be spent.

3. TRAINING OF JHORAS :

ANNUAL PLAN 1990-91 : RS. 15.00 LAKHS

This is primarily meant for Gangtok Town which because of its unplanned growth is facing serious drainage problems in the outlined area causing excessive discharge in some areas resulting in soil run off and instability. Considerable water pollution also occurs because of this. It is necessary to take proper protection measures by regulating the slope plantation on hill sides etc. particularly lining the Gangtok Bye Pass Roads. A provision of Rs. 15 lakhs will be required in the first year of the plan.

4. IMPLEMENTATION OF AIR & WATER POLLUTION ACT :

ANNUAL PLAN 1990-91 : RS. 4.50 LAKHS

It is proposed to establish a pollution control board as also set up a laboratory to deal with the water pollution problems. Laying down of emission standards, provision of equipment to test automobiles particularly lorries will also be taken up as the main problems in Sikkim is air pollution caused by automobiles. While a provision of Rs. 30.00 lakhs is envisaged for the Eighth Plan period, for the Annual Plan Rs. 4.50 lakhs will be required.

5. TREATMENT OF CATCHMENT AREAS OF URBAN WATER SUPPLY SCHEME :

ANNUAL PLAN 1990-91 : RS. 1.50 LAKHS

The water supply schemes in Sikkim relating to

urban areas are dependent upon streams and rivulets and in some cases small lakes. It has been noticed that these water sources have started suffering degradation and it is necessary to take up measures for catchment area treatment, to conserve the water sources. This is required particularly at Gangtok and while a provision of Rs. 10 lakhs is envisaged for the Eighth Plan during the Annual Plan 1990-91 an expenditure of Rs. 1.50 lakhs is proposed.

6. ENVIRONMENTAL EDUCATION :

ANNUAL PLAN 1990-91 : RS. 5.00 LAKHS

The need to bring about around awareness of the problems faced by the population due to environmental degradation, deforestation, soil erosion etc. needs hardly any emphasis. Further the necessity to reduce the dependence on fuelwood as a source of energy is also very important. The effort will be multi disciplinary in character and the involvement of Forest, Agriculture, Health, Rural Development etc. departments and involvement of school children and voluntary bodies will also be encouraged. For this programme Rs. 5.00 lakhs is proposed during 1990-91

7. ESTABLISHMENT OF GERM PLASM BANK - GENE SANCTUARIES :

ANNUAL PLAN 1990-91 : RS. 1 LAKH

It is apprehended that several species of plants are facing extinction due to heavy interference and it is necessary to collect such plants and to grow them in ideal condition so that they are not lost to posterity. It is necessary to take a comprehensive survey, collect specimen and preserve them in a central facility. The



idea is to generate in course of time a sufficiently large stock, so that these species are reintroduced in their natural habitats. The outlay proposed for the scheme is Rs. 1 lakh during 1990-91.

ECOLOGY AND ENVIRONMENT

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE.

STATEMENT :GN:2  
RS. IN LAKHS

CODE NO.	NAME OF THE SCHEME/PROJECTS	7TH PLAN (1985-90) AGREED OUTLAY	ACTUAL EXPEN-DITURE 1985-88	1988-89 ACTUAL EXPEN-DITURE	1989-90		ANNUAL PLAN 1990-91	
					APPROVED OUTLAY	ANTICIPATED EXPENDITURE	PROPOSED OUTLAY	OF WHICH CAPITAL CONTENT
1.	2.	3.	4.	5.	6.	7.	8.	9.
109 343563	Ecology & Environment							
03	Environment Research and Ecological Regeneration	-						
003	Environmental Education						5.00	-
101	Conservation Programme						16.50	-
	i. Wet Land Conservation						15.00	-
	ii. Treatment of Catchment area of Urban Water Supply programme						1.50	-
103	Establishment of Germ Plasma Bank/Gene Sanctuaries						1.00	-
04	Prevention & Control of pollution							
103	Implementation of Air & Water pollution Act						4.50	-
60	Others							
800	Other Expenditure						18.00	-
	i. Botanical Garden at Rumtek						3.00	-
	ii. Training of Johoras						15.00	-
	iii. Assistance to other Organisation						-	-
	<u>T O T A L:</u>	<u>58.00</u>		<u>21.58</u>	<u>11.49</u>	<u>21.00</u>	<u>45</u>	-



## GENERAL ECONOMIC SERVICES

### A. SECRETARIAT ECONOMIC SERVICES: RS: 54 LAKHS

The State Planning and Development Department is responsible for formulation, monitoring and Evaluation of plans. The organisational set up has been to some extent strengthened with the approval of the Planning Commission as part of a Centrally Sponsored Scheme. However considering the dearth of manpower with the required expertise in the disciplines involved, it is necessary to identify and depute suitable candidates for training in the relevant fields. As regards District Planning Machinery in view of reasons as smallness in size of the State with easy accessibility to almost every corner from the State head quarters, it was considered practical to create a District Planning Cell within the State Planning and Development Department from where all aspects of District Planning can be handled. In this area also there are limitations of trained manpower and therefore training aspect will be of crucial importance. The computer facilities available in the Finance Department will be adequately utilised as part of the efforts to improve the overall data management system.

The entire scenario as far as plan formulation, implementation and monitoring at the district level is concerned, is expected to undergo a major transformation with the institutionalisation of the Panchayat Raj Administration. The existing responsibilities of the District Coordination Committees are proposed to be passed on to the Zilla Panchayat Institutions. The schemes proposed as part of the efforts to strengthen the Panchayat Institutions' are discussed in the chapter on Community Development and Panchayats. In view of these developments, the District Planning Cell will have to be sufficiently strengthened and the expertise of the manpower also upgraded to take care of the wider responsibilities.

With the continued emphasis on decentralisation of planning at the district level, the Collectors are required to play a more active role in district development administration than ever before. For this purpose, untied provision are earmarked for the Collectors to utilise the same for implementing schemes which are of relevance to the condition of the respective districts. The State Government have also recognised the need to involve the Collectors in district development administration and for that purpose invest greater powers with the Collectors so that they can play a pivotal role in planning, coordinating implementation, monitoring and review of development schemes in their respective Districts. During 1990-91, the untied funds at the disposal of the District Collectors is proposed to be enhanced substantially to Rs. 10 lakhs per district from the present level of Rs. 4.50 lakhs.

In keeping with the above schemes proposed during 1990-91, the outlay proposed under each programme covered under this section is summarised below:

(A)	Strengthening of Planning set up at the State level	Rs. 6.50 lakhs
(B)	Strengthening of the district planning machinery	Rs. 7.50 lakhs
(C)	Untied funds	Rs. 40.00 lakhs
	Total:	<u>Rs. 54.00 lakhs</u>

B. SURVEY AND STATISTICS: RS: 18 LAKHS

The Bureau of Economics and Statistics apart from functioning as the technical wing of the Planning and Development department also acts as a focal point where collection, compilation, analysis and dissemination of data relating to all aspects of the State's economy are taken care of. The technical expertise of the Bureau is also utilised by all development Department.

While significant steps were taken in the 7th Plan to strengthen the data base particularly in regard to consumer price index and State Income, the Bureau has also expanded its scope of activities to specialised areas as monitoring and evaluation of selected development programmes as also provide technical support in the exercise relating to formulation of State plans. During the VIIIth Plan these activities will continue to <sup>be</sup> undertaken and further expanded to cover new fields as public finance. For this purpose it is necessary to strengthen the organisational set up.

For the Annual Plan 1990-91 a total outlay of Rs. 18 lakhs has been proposed as per scheme wise details enumerated below:

1) COLLABORATION OF NATIONAL SAMPLE SURVEY: RS: 5 LAKHS

This relates to a continuing programme which is undertaken in collaboration with the All India Programme of National Sample Survey. Presently the 44th round survey is in progress. The NSS wing of the Bureau requires strengthening with a view to speeding up the tabulation process. For this purpose post of 2 Computers has been envisaged. The outlay proposed for the programme represents State's matching share in the Centrally Sponsored Scheme.

2) REGISTRATION OF BIRTHS AND DEATHS: RS: 1.75 LAKHS.

This also represents an on going programme which is a Centrally Sponsored Scheme on a 75:25 sharing basis. The establishment of the civil registration system has now been organised and with this the implementation of this scheme is expected to be streamlined. The above provision represents State's 25% share in this programme.

3) DISTRICT STATISTICAL OFFICE: RS: 1.50 LAKHS

The establishment of district statistical offices has assumed priority in view of the thrust given towards decentralisation of planning and generation of data base for each district. Accordingly it is proposed to implement this scheme from the year

1990-91 and for that purpose, Rs. 1.50 lakhs has been proposed.

4) BUREAU OF ECONOMICS AND STATISTICS: RS: 6 LAKHS

The outlay under this caption is meant essentially for meeting the administrative overheads of the Bureau. The Bureau is presently accommodated in a rented building and therefore the recurring rental liability will have to be provided for. However, in view of the plans of the S.P.W.D. to construct a separate administrative building for department presently without office accommodation, it is proposed to contribute to this project and book the required office space. For this purpose Rs. 3 lakhs has been exclusively earmarked under capital account out of the Rs.6 lakhs proposed above.

5) PUBLIC FINANCE CELL: RS: 0.75 LAKHS

The Bureau has been bringing out a publication entitled "Budget at a glance" where the State budget analysis is reflected. In addition to this related exercises as analysis of expenditure trend, economic and financial classification of the budget, capital formation trend etc. are also undertaken. In order to organise these activities, it is proposed to establish a Cell with one Assistant Director and one Technical Assistant. The above outlay has been proposed accordingly.

6) STATE INCOME UNIT: RS: 3 LAKHS

The estimates on State Domestic Product has been compiled for the period upto 1986-87. For continuation of this scheme the outlay has been proposed.

7) WEIGHTS & MEASURES: RS: 4 LAKHS

The entire responsibility for enforcement of the provisions under the Weights and Measures Act is vested with the Weights and Measures Cell attached to the Food and Civil Supplies Department. The above outlay is intended for strengthening this Cell in terms of equipment and manpower.

GENERAL ECONOMIC SERVICES  
EIGHTH FIVE YEAR PLAN-PROPOSALS FOR ANNUAL PLAN-1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT:GN-2  
(Rs. in lakhs)

Code No:	Name of the Scheme/Projects	7th Plan (1985-90) Agreed Outlay	Actual Expen- diture 1985-88	1988-89 Actual Exp ndi- ture	1989-90		Annual plan 1990-91	
					Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of Which Capital Content
110 000000	General Economic Service							
090	Secretariat new scheme	76.00	15.76		4.50	4.50	-	-
	i.Strengthening of Planning machinery of the State level	-	0.39	5.09	5.50	5.50	6.50	-
	ii.Strengthening of Planning Machinery at the District level-	-	-	12.37	-	-	7.50	-
	iii.Untied Funds	-	23.91		18.00	18.00	40.00	-
	Total	76.00	40.06	17.46	28.00	28.00	54.00	-
110 345400	Survey and Statistics							
111	vital statistics (Registration of Birth and Death)	5.00	2.28	2.47	1.50	1.50	1.75	-
112.	Economic Advice & Statistics	7.00	3.55	2.50	2.50	2.50	6.00	3.00
201	State Income Unit	8.00	-		2.50	2.50	3.00	-
800	Other Expenditure							
	i.Collaboration with National Sample Survey Programme.	12.00	7.06	5.50	4.50	4.50	5.00	-
	ii.District Statistical Office	8.00	1.35	0.80	1.50	1.50	1.50	-
	iii.Timely reporting Scheme	5.00	-	-	-	-	-	-
	iv.Public Finance Unit	-	-	-	-	-	0.75	-
110 347500	Other General Economic Services							
106	Weights & Measures	22.00	13.49	4.01	3.80	3.80	4.00	-
	Total	143.00	67.79	32.74	44.30	44.30	76.00	3.00





TO RISM

The tourist traffic in the past few years has been recording a very steep increase particularly in respect of domestic tourist which numbered approximately 30,000 at the end of the Seventh Plan. In the case of Foreign tourists however the statistics indicate a figure between ₹ 3000 to 4000. This is however expected to increase particularly in view of the proposal to relax the restrictions of inner line permit in respect of foreigners. Considering the gradual growth in the tourist traffic the Eighth Plan envisages upgradation of facilities in terms of accommodation, entertainment Centres, transport facilities etc.

For the Annual Plan 1990-91 a total outlay of Rs. 133 lakhs has been proposed. Scheme wise details are discussed below:

1. DIRECTION AND ADMINISTRATION: RS: 1 LAKH

Creation of certain new post consistent with the expansion of tourist infrastructure is proposed. The above provision is made for this purpose.

ii. TOURIST CENTRES: RS: 85 LAKHS

Under this caption a few schemes have been identified as part of the over all efforts to develop tourist infrastructure. One such scheme contemplated under this heading is the development of a tourist village at Rumptek where all the basic amenities for tourist will be planned in a comprehensive manner. The intention of the department is to develop the infrastructure for the tourist village and motivate private parties to manage the facilities created.

Contd/- 2.

It is also proposed to construct a modern restaurant with facilities for conferences near the tourist lodge building in Gangtok. For the entertainment of children as well as tourists it is proposed to combine efforts with the Sports and Youth Welfare Department to develop the White Hall complex into a multi purpose recreational centre with facilities for skating, Video Games and other indoor activities. The areas in the North Sikkim namely Yumthang has now been opened as an attractive tourist spot. For this areas it is necessary to develop tourist amenities as well as basic infrastructure and with that in mind at Lachung it is proposed to construct a tourist rest house with a capacity of 15 rooms. In addition to the above the department will also continue implementing schemes for beautifying the environment around monasteries in Sikkim. It is proposed to develop tourist rest houses and basic amenities as water supply, & sanitation at Tashiding which is a popular venue for a large number of pilgrims. Further scheme for development of tourist facilities is proposed to be implemented at Changu and Menmitse. Development of the Phurchachu Hot Spring which is also an equally popular site for tourist is also envisaged during the Annual Plan.

III.

TOURIST ACCOMMODATION:RS: 8 LAKHS

Consistent with the growth in tourist traffic considerable achievement has been made with regard to improvement of accommodation facilities as well as upgradation of the services available in the various lodges and hotels. In particular the physical facilities of Mayur Hotel has been substantially improved by adding

facilities for conferences, EAPBX system, television sets etc. During 1990-91 plan while the facilities in the Mayur Hotel will continue to be upgraded similar upgradation and renovation will be undertaken in the other lodges at Pemayangtse, Gangtok and Rangpo. A part of the above outlay will be utilised for completion of the Yatri Niwas.

IV. TOURIST TRANSPORT: RS. 8 Lakhs

The need for augmenting the existing fleet strength of the tourist transport wing assumes great importance in view of the plans for organising conducted tours to Changu, Yumthang etc. Apart from these, various sitescene activities will have to be catered to by the transport wing. With the above outlay it is proposed to purchase two Mini buses two Gypsies and two cars.

V. INFORMATION AND PUBLICITY: RS 12 LAKHS.

While the information centres at Gangtok, Siliguri and Delhi will have to be maintained and services improved it is proposed to establish new information centres at Rangpo and Pemayangtse. During the year specific attention will be paid to creating a cadre of tourist guides duly providing professional trainings to these tourist information personnel. For the information activities Rs. 3 lakhs has been proposed.

As far as publicity aspects are concerned the expenditure on printing of pamphlets, postcards, Brochures etc. will continue to be incurred. Apart from these the use of audiovisuals will also be considered. In order to gear up the publicity efforts and to project the Stage

State permanently in the tourist map of the country as well as the work of the use of magazines and journals will also be kept in mind. Needless to mention that participation in national level fairs and feasts will continue to receive importance. Outlay of Rs. 9 lakhs has been proposed in the Annual Plan for the publicity activities.

VI. TREKKING AND RIVER RAFTING: RS. 8 LAKHS

Trekking has come to be a very popular activity among tourists in the past few years. A number of popular trekking routes have already been developed in the South and West Districts. During the year it is proposed to develop new routes and also provide basic amenities along the routes for the convenience of trekkers. For the trekking programmes Rs. 5 lakhs is proposed for the Annual Plan.

River rafting is a new activity introduced as part of the scheme of adventure tourism development. White water spots were introduced during the Seventh Plan and already rafting expeditions have been conducted with success. Few departmental personnel have also been trained in river rafting at Rishikesh. The trekking wing of the Department has been organised to some extent and various gears and equipments have also been procured. It will be necessary to build camping huts along popular rafting routes. For this purpose Rs. 3 lakhs has been proposed in the Annual Plan.

VII. SURVEY AND STATISTICS: RS: 1 LAKH

The activity relating to survey and statistics is a continuing scheme to monitor the inflow of tourists as well as the standard of services in the various hotels

and restaurants within the State. For continuing these activities the above outlay has been proposed.

VIII. TOURIST DEVELOPMENT CORPORATION RS: 10 LAKHS

During the 8th plan it is proposed to setup a Tourist Development Corporation with a view to enabling this organisation to take on the management of various lodges and restaurants including transport operation ~~in~~ order to bringing about commercial operation of these assets. Professional cadre of officers will have to be created by drawing from the existing departmental setup on deputation after exposing them to specialised training outside the State. The above outlay is projected for the purpose of creating a capital base for the Corporation.



TOURISM  
EIGHTH FIVE YEAR PLAN-PROPOSALS FOR ANNUAL PLAN- 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT GN-2

(RS. IN LAKHS)

Code No.	Name of the Scheme/Projects	7th Plan (1985-90) Agreed Outlay	Actual Expenditure 85-88	1988-89 Expenditure	1989-90		Annual Plan 1990-91	
					Approved Outlay	Anticipated Expenditure.	Proposed Outlay	Of which Capital Content.
1	2	3	4	5	6	7	8	9
110345200	<u>Tourism</u>							
01	Tourist infrastructure							
101	Tourist Centre	25.00	48.75	27.37	25.00	25.00	85.00	85.00
102	Tourist Accomodation Service	42.00	17.21	14.97	17.00	17.00	8.00	8.00
103	Tourist Transport	30.00	16.94	5.96	5.00	5.00	8.00	-
80	<u>General</u>							
001	Direction & Adm.	5.50	4.00	1.15	1.00	1.00	1.00	-
104	Information & Publicity	75.00	18.07	7.57	8.00	8.00	12.00	-
190	Tourism Dev. Corporation	-	-	-	-	-	10.00	-
800	Other Expenditure							
i)	Survey Statistic Monitoring	-	1.77	.80	1.00	1.00	1.00	-
ii)	Trekking & River Rafting	-				-	8.00	-
	Total	200.00	106.74	57.82	57.00	57.00	133.00	93.00



3. FAIR PRICE SHOPS: RS: 1.50 LAKHS

With a view to creating an effective distribution network to serve the demands from every corner of the State, it is proposed to expand the fair price <sup>retail</sup> network and also introduce proper ration card system.

4. CONSUMER PROTECTION: RS: 0.25 LAKHS.

In view of the size of the State, the entire State will be treated as one unit for the purpose of administration of the Consumer Protection Act. It is accordingly proposed to constitute one Consumer Protection Council at the State headquarters with its administrative set up linked with the Food & Civil Supplies department. The above outlay is proposed for this purpose.

FOOD & CIVIL SUP

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN -1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY & EXPENDITURE

STATEMENT:GN-2  
RS. IN LAKHS

CODE NO.	NAME OF THE SCHEME/PROJECTS	7TH PLAN (1985-90) AGREED OUTLAY	ACTUAL EXPEN-DITURE 1985-88	1988-89 ACTUAL EXPEN-DITURE	1989-90		ANNUAL PLAN 1990-91	
					APPROVED OUTLAY	ANTICIPATED EXPENDITURE	PROPOSED OUTLAY	OF WHICH CAPITAL CONTENT
0.	1.	2.	3.	4.	5.	6.	7.	8.
101240 800	Food Storage and Warehousing.							
01	Food							
001	Direction & Administration	16.00	4.95	2.07	2.00	2.00	3.00	-
800	Consumer Protection	-			1.00	1.00	0.25	-
02	Storage & Warehousing	39.00		-			3.75	3.75
001	Direction & Administration	17.00	15.69		3.50	3.50	-	-
800	Other Expenditure							
	i. Construction of Godown	22.00	12.52	3.15	8.00	8.00	-	-
	ii. Increase in the number of fair price	-	-	-	-	-	1.50	-
	<u>TOTAL:</u>	<u>55.00</u>	<u>33.16</u>	<u>5.22</u>	<u>14.50</u>	<u>14.50</u>	<u>8.50</u>	<u>3.75</u>



## EDUCATION

### I GENERAL EDUCATION

#### Scheme No. 1 PRE-SCHOOL EDUCATION Rs. 52 Lakh

The scheme of pre-school education includes the priority its further expansion by establishing necessary number of centres, consolidation of the existing 700 centres, provision of 50 classrooms and upgradation of qualification and training of pre school teachers.

For the above purpose an outlay of Rs. 52 lakhs is envisaged with a capital component of Rs. 30 lakhs.

#### Scheme No. 2 : PRIMARY SCHOOLS Rs. 125 lakhs

The scheme consists of taking over of 20 lower primary schools (I-III) and upgradation of 60 lower primary schools to primary schools alongwith creation of posts of 110 general and 50 language primary teachers, provision of incentive stipend to girl students; provision of essential physical and other facilities as envisaged under operation blackboard scheme to 20 proposed lower primary schools, and construction of 20 two-roomed school buildings and 100 additional classrooms.

For the above purpose an outlay of Rs. 125 lakhs including Rs. 35 lakhs as capital component is envisaged.

#### Scheme No. 3 : JUNIOR HIGH SCHOOLS Rs. 160 lakhs

The scheme comprises upgradation of 50 primary schools to junior high schools alongwith creation of posts of 50 headmasters, 50 graduate teachers and 50 peons and provision of necessary physical facilities, provision of incentive schemes to girl students, consolidation of physical and other essential facilities construction of residential and non-residential school buildings.

For the above purpose an outlay of Rs. 160 lakhs including a capital component of Rs. 45 lakhs is proposed.

Scheme No. 4 : ASSISTANCE TO NON-GOVT. PRIMARY & MONASTIC  
SCHOOLS AND INSTITUTIONS OF SPECIAL EDUCATION  
Rs. 20 lakhs

The scheme envisages to provide financial assistance to Islamic Madarsa, Dharma Chakra Centre, Monastic Schools, Sanskrit Pathshalas, Namchi Public School and other institutions imparting special education under private (non-government) management.

For the above purpose an outlay of Rs. 20 lakhs has been envisaged.

Scheme No. 5 : NON-FORMAL EDUCATION Rs. 8 lakhs

Outlay of Rs. 8 lakhs proposed under this scheme is meant for meeting State share of the 3 centrally sponsored schemes of non-formal education under which some projects are proposed to be launched/ to be continued.

Scheme No. 6 : PURCHASE & PUBLICATION OF TEXT BOOKS Rs. 30 Lakhs

The scheme covers purchase and publication of text books construction of text book stores, purchase of motor vehicles and strengthening of the administrative machinery by creating essential posts.

Purposed outlay of Rs. 30 lakhs includes a capital component of Rs. 2 lakhs.

Scheme No. 7 : WORK EXPERIENCE Rs. 5 lakhs.

Outlay of Rs. 5 lakhs is envisaged for implementation of work experience programme as envisaged in the New Education Policy.

Scheme No. 8 : SECONDARY AND SENIOR SECONDARY SCHOOLS Rs.210 lakhs

This scheme constitutes the priority programme of upgradation of 20 junior high schools to secondary schools, and 5 secondary schools to senior secondary schools alongwith creation of 100 teaching and 80 non-teaching posts, streamlining of + 2 stage, shifting of Singtam Secondary School to a new site for its further development, consolidation of physical facilities in the existing secondary and senior secondary schools, and

senior secondary schools, and construction of residential and non-residential school buildings.

The total outlay of Rs. 210 lakhs includes a capital component of Rs. 80 lakhs.

Scheme No. 9 : ASSISTANCE TO NON-GOVT. SECONDARY SCHOOLS Rs.30 lakhs

The proposed outlay of Rs. 30 lakhs is meant for providing financial assistance to T.N. Academy and other secondary schools run under private management.

Scheme No.10 : VOCATIONALISATION OF EDUCATION Rs. 15 lakhs

The scheme of vocationalisation of education includes priority programmes, viz. strengthening of administrative set up by creating essential posts and for providing physical facilities, planning and introducing suitable courses at the pre-secondary, secondary post secondary (+2) stages, courses for the schools drop-outs from the middle and secondary stages; and establishment of career courses in secondary and senior secondary schools to provide educational and vocational guidance to students.

For the above purposes an outlay of Rs. 15 lakhs including a capital component of Rs. 8 lakhs is envisaged.

Scheme No. 11 : SIKKIM BOARD OF SCHOOL EDUCATION Rs. 7 lakhs

The proposed outlay of Rs. 7 lakhs is meant for construction of examination hall in secondary schools in the four districts head quarters for conducting class X and XII board examinations.

Scheme No. 12 : CONSTRUCTION OF SC & ST GIRLS HOSTELS Rs.7 lakhs

An outlay of Rs. 7 lakhs is envisaged to meet the State share of the cost construction of 2 SC & 2 ST girls hostels under the centrally sponsored scheme of construction of SC/ST girls hostels.

Scheme No.13 : DISTRICT INSTITUTE OF EDUCATION & TRAINING Rs.2 lakhs

The proposed outlay of Rs. 2 lakhs is meant for meeting the State liabilities for implementation of the scheme of District Institute of Education and Training.

Scheme No. 14 : STATE INSTITUTE OF EDUCATIONAL RESEARCH & TRAINING Rs. 11 Lakhs

The envisaged outlay of Rs. 11 lakhs is proposed to be utilised for strengthening of various existing wings of the SIERT and setting up of new cells/wings for implementation of programmes as envisaged in the Programme of Action of the New Education Policy.

Scheme No. 15 : EDUCATIONAL TECHNOLOGY PROGRAMME Rs.6 lakhs

Proposed outlay of Rs. 6 lakhs is intended for expansion and consolidation of the existing infrastructure of the E.T. cell.

Scheme No. 16 : SPECIAL TEACHERS TRAINING PROGRAMME Rs. 5 lakhs

The proposed outlay of Rs. 5 lakhs is envisaged for upgrading professional skills of primary teachings, language teachers, and pre-school teachers by organising short term training-cum-orientation courses.

Scheme No. 17 : SIKKIM GOVT. COLLEGE Rs. 25 lakhs

The envisaged outlay of Rs. 25 lakhs including a capital component of Rs. 15 lakhs would be utilised for introducing undergraduate courses in statistics (Pass), Mathematics (Honours) and Economics (Honours), Post-graduate courses in Political Science and English, Provision of essential physical facilities, and starting construction of Post-Graduate block, library block and boys & girls hostels.

Scheme No. 18 : SIKKIM LAW COLLEGE Rs. 2 lakhs

Outlay of Rs. 2 lakhs having a capital component of Rs.1 lakh is meant for starting construction of an independent building for Sikkim Law College and strengthening of the Law faculty.

Scheme No. 19 : INSTITUTE OF HIGHER NYINGMA STUDIES (SHEDA) Rs. 12 Lakhs

The envisaged outlay of Rs. 12 lakhs including a capital component of Rs.10 lakhs is meant for development of its building infrastructure at a new complex and creation of essential teaching and non-teaching posts.

Scheme No. 20 : STATE ADULT EDUCATION PROGRAMME Rs. 8 lakhs

The State Adult Education Programme is specially designed and tailored to promote literacy among adult women in the State. An outlay of Rs. 8 lakhs is envisaged to meet expenditure on honorarium to instructors, free supply of text-book & stationery and provision of incentives and administration.

Scheme No. 21 : FREE BOARDING STIPEND Rs. 4 lakhs

Proposed out of Rs. 4 lakhs is intended for awarding free boarding stipends to students of weaker sections to facilitate their stay in hostels.

Scheme No. 22 : SCHOLARSHIP FOR HIGHER STUDIES Rs. 5 lakhs

This new scheme with proposed outlay of Rs.5 lakhs is meant for improving of professional educational of and providing training to educational administrators, managers and supervisors.

Scheme No. 23 : SCHOLARSHIP FOR HIGHER EDUCATION Rs. 10 lakhs

There being no institutions/centres of higher education in the State, scholarships are awarded on merit-cum-means basis to candidates for higher education and professional/technical training outside the State against reserved seats allocated by the Govt. of India. Intended outlay of Rs. 10 lakhs is meant for this purpose.

Scheme No. 24 : SCHOLARSHIPS FOR STUDIES IN PUBLIC SCHOOLS  
Rs. 3 Lakhs

Outlay of Rs. 2 lakhs is meant for awarding fresh scholarships on merit basis to selected students for studies in institutions of public school standard.

Scheme No. 25 : SCHOLARSHIPS FOR STUDIES IN SIKKIM GOVT.  
DEGREE COLLEGE Rs. 2 lakhs

Intended outlay of Rs.2 lakhs is meant for enlarging the scope of this continuing scheme.

Scheme No. 26 : SCHOLARSHIPS FOR GIRLS IN SECONDARY & SENIOR  
SECONDARY SCHOOLS Rs. 2 lakhs

This new scheme with a proposed outlay of Rs.2 lakhs is meant for awarding incentive scholarships to girl students for



promoting their participation at the secondary and senior secondary stages.

Scheme No. 27 : DIRECTION & ADMINISTRATION (GENERAL EDUCATION)  
Rs. 20 lakhs

An outlay of Rs. 20 lakhs having a capital component of Rs. 5 lakhs is intended to be utilised for strengthening of Planning & Monitoring Wing and Accounts Section of the Department as well as of the offices of the district head quarter, expansion of the offices of the Joint Directors of Education (North & East) and (South & West) and establishment of sub-divisional education offices.

## II TECHNICAL EDUCATION

### Scheme No. 28 : DIRECTION & ADMINISTRATION Rs. 2 lakhs (TECHNICAL EDUCATION)

For the purpose of management, supervision, planning and monitoring an administrative set up is proposed to be created for the technical education sector, for which an outlay of Rs.2 lakhs is envisaged.

### Scheme No. 29 : ESTABLISHMENT OF A TRAINING-CUM-SERVICE AND PRODUCTION CENTRE AT I.T.I., RANGPO

The outlay of Rs. 70 lakhs including a capital component of Rs. 55 lakhs is envisaged to be utilised for establishment of a training-cum-service & production centre at I.T.I., Rangpo for building up technical manpower in the state. Capital outlay of Rs. 55 lakhs is meant for developing building infrastructure.

### Scheme No. 30 : ESTABLISHMENT OF A COMMUNITY POLYTECHNIC Rs. 20 lakhs

An outlay of Rs. 20 lakhs is intended to be utilised for starting construction of building infrastructure to establish a community polytechnic in the State.

## III GAMES, SPORTS & YOUTH WELFARE

### Scheme No. 31 : DIRECTION & ADMINISTRATION Rs. 6 lakhs (SPORTS & YOUTH)

An outlay of Rs. 6 lakhs is proposed to be utilised for strengthening the administrative set up and technical manpower at the State, district and institutional level.

### Scheme No. 32 : YOUTH WELFARE PROGRAMMES Rs. 12 lakhs

The outlay of Rs. 12 lakhs is proposed to be utilised for enlarging the scope of the on going schemes of youth camps, N.S.S., N.C.C., Educational tours, assistance to association of college students, assistance to Bharat Scouts & Guides (State Branch) etc.

Scheme No. 33 : SPORTS & GAMES ACTIVITIES Rs. 28 lakhs

The outlay of Rs. 28 lakhs is intended to be utilised for organising sports and games activities at Institutional, District, and State Levels and promoting sports and games activities in schools, supply of games equipment and materials, coaching and training of students, PTIs, games and sports coaches and participation state teams in the All-India level tournaments.

Scheme No. 34 : DEVELOPMENT OF INFRASTRUCTURE Rs. 25 lakhs

The games & sports infrastructure developed so far, still required major build up and net-working. Therefore, an outlay of Rs. 20 lakhs is earmarked for meeting the state share required for development of playfields stadia, gymnasium etc under various centrally sponsored schemes.

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91  
DEVELOPMENT SCHEME/PROJECTS-OUTLAY & EXPENDITURE

STATEMENT-GN-2  
RS. in Lacs

Code No.	Name of the Scheme/Projects*	7th Plan 1985-90 Agreed Outlay	Actual Expen- diture 1985-88	1988-89 Actual Expen- diture	1989-90		Annual Plan 1990-91	
					Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of Which Capital Content
1.	2.	3.	4.	5.	6.	7.	8.	9.
221 000 000	EDUCATION							
221 220 220	General Education							
01	Elementary Education	1274.00	1095.15	522.65	538.00	538.00	400.00	112.00
101	Govt. Primary Schools							
	1. Pre-Primary Schools	140.00	46.87	23.24	50.00	50.00	52.00	30.00
	11. Primary Schools	464.00	442.15	221.77	210.00	210.00	125.00	35.00
	111. Junior High Schools	370.00	419.77	205.05	198.00	198.00	160.00	45.00
102	Assistance to non-Govt. Primary & Monastic Schools	-	5.72	0.54	5.00	5.00	20.00	-
105	Non-formal Education	50.00	5.59	0.05	10.00	10.00	8.00	-
108	Purchase & publication of text books	250.00	175.05	72.00	65.00	65.00	30.00	2.00
800	Other Expenditure							
	1) Work Experience	-	-	-	-	-	5.00	-
02	Secondary Education	845.00	676.90	256.01	321.25	321.25	293.00	102.00
103	Vocationalisation Education	90.00	12.79	6.75	12.00	12.00	15.00	-
105	Teachers Training	205.00	54.31	25.43	26.25	26.25	24.00	-
	1. Dist. Inst. of Education and Training	85.00	9.35	5.97	6.00	6.00	10.00	2.00
	2. State Inst. of Education of Research and Training	60.00	28.02	11.19	11.00	11.00	40.00	11.00
	3. Educational Technology	20.00	12.91	3.21	6.00	6.00	-	6.00
IV	4. Special Teachers Training Programme	40.00	4.03	5.06	3.25	3.25	5.00	-
03	Higher Education	185.00	98.29	21.71	30.00	30.00	39.00	22.00
103	Govt. College & Institutes	185.00	98.29	21.71	30.00	30.00	39.00	22.00
	1. Sikkim Govt. College	170.00	90.25	19.01	25.00	25.00	25.00	15.00
	2. Sikkim Law College	15.00	8.04	2.70	5.00	5.00	2.00	1.00
	3. Inst. of Higher Nyingma Studies Shega	-	-	-	-	-	12.00	6.00

1.	2.	3.	4.	5.	6.	7.	8.	9.
04.	Adult Education	-						
200	State Adult Education Programme	50.00	7.50	4.95	10.00	10.00	8.00	-
06	General	150.00	128.02	42.80	45.00	45.00	46.00	5.00
001	Direction & Adm.	60.00	63.05	21.73	21.00	21.00	20.00	5.00
107	Scholarships & Stipends	90.00	64.97	21.07	24.00	24.00	26.00	-
	1.Free Boarding stipend	15.00	2.64	1.05	3.00	3.00	4.00	-
	2.Scholarship for Higher studies in professional Education & Training	-	-	-	-	-	5.00	-
	3.Scholarship for higher Education	55.00	48.01	14.52	14.00	14.00	10.00	-
	4.Scholarship for studies in public schools	15.00	9.50	2.74	5.00	5.00	3.00	-
	5.Scholarship studies in Sikkim Govt. College	5.00	4.82	2.76	2.00	2.00	2.00	-
	6.Scholarship for Girls in Secondary & Senior Secondary stage	-	-	-	-	-	2.00	-
221 220300	Technical Education	-	-	-	-	-	92.00	20.00
001	Direction and Administration	-	-	-	-	-	2.00	-
103	Estt. of Training cum Service & production ITI Rangpo	-	-	-	-	-	70.00	-
105	Estt. of community Polytechnic	-	-	-	-	-	20.00	20.00
221 220400	Sport & Youth Service	140.00	79.39	29.58	39.00	39.00	71.00	25.00
001	Direction and Administration	-	-	-	-	-	6.00	-
102	Youth Welfare Programme	55.00	19.61	11.93	12.00	12.00	12.00	-
104	Sports & Games	85.00	59.00	17.65	27.00	27.00	28.00	-
800	Other Expenditure (Dev. of Infrastructure)	-	-	-	-	-	30.00	25.00
Total:		2640.00	252.35	999.88	983.25	983.25	949.00	360.00

## ART AND CULTURE

The ancient monuments, monasteries and stupas as well as the colourful and unique way of life of the people <sup>a</sup> area manifestation of the rich cultural heritage, customs and traditions prevalent in the State. The need for promotion of Art and Culture and the conservation of historical and religious monuments has been duly recognized and accorded priority in the plans.

Keeping these objectives in view, efforts were made during the Seventh Five Year Plan Period to equip the Department with the necessary infrastructure to take up the challenges. Programmes for promotion of Art and Culture were identified and voluntary organisations were encouraged to supplement the efforts of the Department. The Centrally Sponsored Schemes of Inter State Exchange of Cultural programmes was taken advantage of for improving both the content and the range of cultural activities in the State. Sikkim contributed both financially and programme wise in the Eastern Zonal Cultural Centre <sup>Scheme</sup> and availed of considerable assistance from them also.

The efforts of the Department during the current plan period will be directed towards strengthening of the administrative structure of the Department by appointing specialist to man the technical section <sup>viz</sup> archives, museum and archaeology as also by deputing personnel for in-service training courses in relevant disciplines. A State Museum and a State Library will be constructed in Gangtok and a multi-purpose community centre will be established in the remaining districts of North and West. The setting <sup>up of</sup> a research cell and augmenting the efforts of the Archaeological and Archives Sections will also be given top priority while the consolidation of the Song and Drama Unit will be continued.

With these broad strategies adopted for the VIIIth Plan a total outlay of Rs. 50.00 lakhs has been proposed for the Year 1990-91 for the various programmes which are detailed below.

1. DIRECTION AND ADMINISTRATION: RS: 2.00 LAKHS

The above outlay is intended for meeting the administrative overheads of the department. An Engineering Cell is proposed to be created mainly for proper planning, implementation, monitoring and supervision of the numerous conservation and preservation works involving old monasteries and other objects of historical and archeological significance.

2. PROMOTION OF ART AND CULTURE : RS: 36.00 LAKHS

Against the total contribution of Rs. 100 lakhs required to be paid to the Eastern Zonal Cultural Corpus Fund only Rs. 65 lakhs had been paid up to the VIIth plan. It is now proposed to contribute the remaining amount during the current year. Apart from this adequate provision has been made for meeting the expenditure on account of the activities of the Dance and Drama Unit, as also for participation in both local and national festivals. As usual provision has also been earmarked for disbursement of grant-in-aid to various cultural organisations in the State as also for organisation of important fairs and festivals.

The works on the community centre at Gyalshing which was initiated in 1989-90 will be taken up as an ongoing scheme in 1990-91. An amount of Rs. 14.00 lakhs has been earmarked for the same. An amount of Rs. 1.00 lakh has been provided for the Community Centre at Gangtok which is in need of extension.

3. ARCHAEOLOGY: RS: 20.00 LAKHS

During the VIIth Five Year Plan period, a number of schemes were taken up for the restoration, preservation and reconstruction of many of the renowned monasteries of the State.

These include frescos and murals as well as ancient mendangs and chortens. Out of the total proposed allocation of Rs. 20 lakhs, Rs. 19.00 lakhs is essentially to meet the ongoing commitments in respect of the works at Tholung, Sinon, Karthok and Lhentse Gumpas. An amount of Rs. 1.00 lakh has been earmarked for taking up new schemes.

4. ARCHIVES: RS: 17.00 LAKHS

No progress could be made with regard to the establishment of a museum complex and a Archives Section in the State. This was due to both lack of suitable site as also dearth of specialists in these disciplines. Trainings were conducted under the auspices of the National Archives, Government of West Bengal, Archives Section during the VIIth Plan. It is now proposed to set up a full fledged Archives Cell in the Department with technically qualified manpower and equipments. The existing State Assembly building has also been allotted to the Culture Department for its conversion into a State Museum and work on it will also be initiated under the advise of experts during the year. Out of an amount of Rs. 17.00 lakhs, Rs. 2.00 lakhs is for revenue and Rs. 15.00 lakhs is for capital commitment.

5- LIBRARIES & GAZETTEER : RS: 5.00 LAKHS

A sum of Rs. 5.00 lakhs has been earmarked under this sub-head out of which, Rs. 2 lakh has been earmarked for initiating the construction of a full fledged State library. Out of the amount of Rs. 3.00 lakhs under the Revenue Head, Rs. 2.00 lakhs is earmarked for the purchase of library books, magazines etc. and Rs. 1.00 lakh is towards compilation of the State Gazetteer.





ART & CULTURE  
 EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT GN- 2

(RS IN LAKHS)								
Code No.	Name of the Scheme/Projects	7th Plan (1985-90) Agreed Outlay	Actual Expendi- ture 85-86	1988-89 Actual Expendi- ture	1989-90 Approved Outlay	Antici- pated Expendi- ture	Annual Plan 1990-91 Proposed Outlay	Of which Capital Content
1	2	3	4	5	6	7	8	9
221220500	<u>Art &amp; Culture</u>							
001	Direction & Adm.	5.00	4.01	1.40	1.75	1.75	2.00	-
102	Promotion of Art & Cul- ture	50.00	87.63	23.86	47.00	47.00	36.00	10.00
103	Archeology	65.00	38.69	24.56	23.75	23.75	20.00	-
104	Archives/Museum	18.00	1.30	0.65	2.00	2.00	17.00	15.00
105	Public Library	15.00	4.50	4.30	3.00	3.00	4.00	-
800	Other Expenditure	7.00	10.97	0.56	12.50	12.50	1.00	-
	Total	160.00	147.10	55.33	85.50	85.50	80.00	25.00



## MEDICAL AND PUBLIC HEALTH

### I. DIRECTION & ADMINISTRATION - RS. 50.00 LAKHS.

As outlined in the 8th Plan proposals, an effort is being made to upgrade existing infrastructure in terms of equipments and investigative facilities in a phased manner for the Central Referral Hospital and the 4 district hospitals.

Out of the total proposed outlay, Rs. 44.00 lakhs is intended for meeting expenditure on procurement of essential equipments and laboratory facilities and Rs. 6.00 lakhs is on account of meeting costs on creation of posts of Research Assistant for the Planning and Monitoring Cell, procurement of one Computer and creation of essential posts for the Drug Control Unit.

### II. HOSPITALS: RS. 140 LAKHS.

Central Referral Hospital: Rs. 1500 lakhs has been reflected towards construction of a modern 500 bedded Central Referral Hospital at Gangtok. In the first year, Rs. 60 lakhs towards capital outlay has been projected to meet initial cost and Rs. 10 lakhs has been proposed on account/revenue expenditure of which Rs. 5 lakhs is for purchase of a new Ambulance and Rs. 5 lakhs for creation of new posts.

District Hospitals - All the district hospital are being upgraded by providing better equipment facilities and introduction of special services in the other 3 districts at Gyalshing, Singtam and Mangan. Rs. 50 lakhs has been reflected to meet capital cost for construction of Medical and Para-medical quarters for district hospitals at Gyalshing, Singtam and Namchi and also extension of Gyalshing hospital by 50 beds. On the revenue side Rs. 22 lakhs has been reflected for purchase of 3 Ambulances and creation of posts of Specialists, Medical and Para-Medical staffs.

Contd/- 2.

III. MINIMUM NEEDS PROGRAMME

(a) P.H.S.Cs- RS. 32 LAKHS:

An additional 10 PHSCs has been targetted to be established during the 8th Five Year Plan in the remote tribal areas, of which 4 are to be established in 1990-91 i.e. 1 for each district. Rs. 2 lakhs has been reflected under revenue head to meet the cost for hiring of private houses etc. and other recurring expenditure. Under the capital side, it has been targetted to take up construction of 10 PHSCs per year. In order to meet the cost of construction of the 10 PHSCs as also meet certain spill over liabilities, Rs. 30 lakhs has been reflected.

(b) P.H.Cs. -Rs. 92 Lakhs:

During the 8th Plan, it has been envisaged to establish one PHCs each in the East, West and South districts. It is targetted to establish 1 PHC during 1990-91. Rs. 2 lakhs has been kept towards revenue expenses. It is also proposed to strengthen PHCs by sanctioning 2 additional ANMs for PHC and also providing 'X' Ray facilities for 4 Sub-Divisional PHCs. Under the capital head, it is proposed to take up construction of 2 PHCs and 4 residential quarters. Rs. 65 lakhs has been kept under the capital head.

(c) Community Health Centre- Although 4 Community Health Centres had been sanctioned during the 7th plan, only 2 Community Health Centres could be taken up and the other remaining C.H.C. are being taken up in the 8th Plan. It is proposed to take up the construction of 1 C.H.C. in 1991 and for this propose 15 lakhs has been reflected under the capital account.

IV. TRAINING RESEARCH- Rs. 3 LAKHS:

In keeping with the strategy adopted for the 8th Plan, Rs. 3 lakhs has been reflected to meet the cost of Training of Medical and Para-Medical Staff, purchase of books and journals for the library and for hospital and also for supporting medical research programmes.

V. INDIGENEOUS SYSTEM OF MEDICINE: RS. 2 LAKHS

In order to encourage indigenous method of medical treatment the "Amji" system of Tibetan medicine will be extended to North District also.

VI. HEALTH EDUCATION: RS. 5 LAKHS

In keeping with the 8th Plan strategy of giving a boost to Health Education, Rs. 4 lakhs has been reflected for Health Education and Health Campaign and purchase of one vehicle Rs. 1 lakh has been kept exclusively for School Health Programmes.

VII. PREVENTION OF FOOD ADULTERATION: RS. 4 LAKHS

It is proposed to establish a Mini Food Laboratory and undertake mobile food analysis during the 8th Plan. As such, Rs. 4 lakhs has been reflected to meet the cost of construction of a Mini Laboratory and creation of some essential posts and purchase of one mobile food van as well as other recurring expenditure.

VIII. COMMUNICABLE DISEASE: RS. 30 LAKHS

(a) National Malaria Eradication Programme Rs. 25 Lakhs has been reflected as State share to meet cost for this ongoing programmes.

(b) National Tuberculosis Control Programme:  
The DTCs in all the districts will be established during the 8th Plan and the training programme of the medical and para medical staff is already under way. Rs. 5 lakhs has been reflected as State share in this Centrally Sponsored Programme.

IX. NEW SCHEMES:

The following schemes are being introduced in keeping with the 8th Plan strategy of spreading facilities for treatment.

(1) Mental Health Programme- Rs. 3 lakhs has been reflected to meet cost on Health Education, recurring expenditure and purchase of one programme vehicle.

(2) AIDS Control Programme- Rs. 2 lakhs has been reflected to meet cost on Health Education and introduce screening and monitoring measures for AIDS.

- (3) Dental Health Programme- It is proposed to extend Dental Health Programme to all the districts of the State. As such, Rs. 3 lakhs has been reflected for purchase of Mobile Dental Van, appointment of Dental Assistant and for organising Health Education Campaign.
- (4) Diarrhoeal Disease Control Programme, Rs. 3 lakhs is reflected to cover expenditure on education and publicity programmes as well as cost of ORS.
- (5) Cancer Control Programme- Under Cancer Control Programme, Rs. 1 lakh has been reflected for Health Education and other recurring cost. The construction of Cobalt Therapy Unit will form a part of the 500 bedded Central Referral Hospital.

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY & EXPENDITURE

STATEMENT:GN-2  
 (Rs, in Lakhs)

Code No.	Name of the Scheme/Projects*	7th Plan (1985-90) Agreed Outlay	Actual Expenditure 1985-88	1988-89 Actual Expenditure	1989-90		Annual Plan 1990-91	
					Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of Which Capital Content
1.	2.	3.	4.	5.	6.	7.	8.	9.
222 221000	Medical & Public Health							
01	Urban Health Services							
	Allopathy							
001	Direction & Administration including(Medical store depots)	150.00	95.99	47.75	45.00	45.00	50.00	-
110	Hospital & Dispensaries	18.00	19.53	6.03	5.50	5.50	140.00	110.00
220	Other Health scheme (Treatment outside Sikkim)	5.00	7.67	3.60	1.50	1.50	-	-
02	Urban Health Services							
200	Other System(Amji)	10.00	3.63	.56	2.00	2.00	2.00	-
03	Rural Health Service Allopathy							
101	Health sub centre	85.00	4.47	2.92	1.50	1.50	32.00	30.00
103	Primary Health Centre including CMC	115.00	11.57	2.07	3.50	3.50	82.00	80.00
05	Medical Education Training & Research							
105	Allpathy	8.00	4.36	1.43	1.00	1.00	3.00	-
06	Public Health							
105	Prevention of Communicable disease	-	175.31	22.82	63.22	63.22	30.00	-
102	Prevention of Food Adulteration	8.00	1.46	1.00	2.50	2.50	4.00	-



1.	2.	3.	4.	5.	6.	7.	8.	9.
112	Public Health Education New Schemes	20.00	6.25	1.24	3.00	3.00	5.00	-
		-			-		12.00	-
Total:		581.00	330.24	89.42	166.25	166.25	360.00	220.00

## WATER SUPPLY, SEWERAGE & SANITATION

### A. URBAN SECTOR: RS. 340 LAKHS

A new department of Public Health Engineering has been created in order to look after supply of safe drinking water and sewerage disposal in the urban areas of the State. Besides Gangtok capital city, 7 Nos of major towns and 55 Nos of Rural Marketing Centres are classified as urban areas. During the sixth plan, water supply had been provided in 28 Nos of RMCs and in all major towns. During seventh plan, 10 additional RMCs were covered by safe water supply facilities.

It is now evident that the population of these urban areas has increased manifold. Owing to fast growth of towns and improvement of living standard, it is now necessary to augment the existing supply and extend the distribution system in almost all the urban areas. Excepting at Gangtok, Singtam and Jorethang, only partial Water Supply treatment measures are provided in all other towns and RMCs.

Inadequate facilities and rapid increase of population in these towns has created health hazard in the urban areas. Presently Gangtok sewerage system has covered most congested areas of the town viz. Lal-bazar, Old Market, New Market, Kazi-road, Tibet road and S.T.N.M. Hospital. The other areas which are equally congested like Tadong, Sichey, Development Area, etc will be covered in the next phase. Similarly in other major towns sanitation facilities with low cost treatment plants will be provided and this scheme will be implemented in different stages as per the climatic condition and congestion in the towns.

The annual/<sup>Plan</sup>outlay of Rs. 340.00 lakhs is proposed for this sector of urban water supply and sanitation for the year 1990-91 in respect of various programmes as detailed below:-

1. DIRECTION AND ADMINISTRATION: RS: 5.00 LAKHS

An outlay of Rs. 5.00 lakhs is proposed to meet the cost of existing establishment who are engaged in the spilled over works. This provision covers cost of purchase of equipments for water testing laboratory of Gangtok Water Supply, and in-service training of Public Health Engineers.

2. GANGTOK WATER SUPPLY: RS: 180 LAKHS

The on-going construction of Jeepable road from 5th mile to 7th mile of Selap-Ratheychu will be completed. Presently about 3 MGD of treated water is being supplied to the population of Gangtok which is considered inadequate. The projected population of Gangtok in 2001 AD will be of the order of 1.20 lakhs persons. The per capita consumption of water is also increasing every year due to improvement in living standard. It is, therefore, proposed to augment the supply for Gangtok. During 1990-91, it is proposed to construct a new intake-~~well~~ at source and lay additional trunk line from Ratheychu. It is also proposed to take-up construction of additional treatment plant at Selap simultaneously so that the additional water will also be treated before supply.

A total provision of Rs. 180 lakhs is proposed under this scheme.

3. WATER SUPPLY IN OTHER BAZARS: RS: 65 LAKHS

Augmentation of Rangpo water supply system and main water reservoir at Geyzing will be completed. Augmentation of water supply in New Dikchu and Soreng with filter treatment plant will be taken up during 1990-91. It is also proposed to initiate the work for installing water treatment facilities at Mangan and Geyzing. A provision of Rs. 65.00 lakhs is proposed for these purposes.

4. NAMCHI WATER SUPPLY: RS: 55.00 LAKHS

Construction of major works under Namchi Water Supply Scheme will be completed before March, 1990. The associated works of intake-weir, protection in vulnerable areas, venturi-flume line and construction of quarters for the field staff at Namchi will be completed in 1990-91. Stock and contractual liabilities of the entire Namchi Water Supply Scheme will be cleared during the year. The entire project is of the order of Rs. 500.00 lakhs of which Rs. 445.00 lakhs has been allocated till 1989-90, as such Rs. 55.00 lakhs is the balance fund required and provided for during the year.

5. GANGTOK DRAINAGE & SEWERAGE: RS: 25.00 LAKHS

The Sewerage treatment plant at Adampur is already in operation and associated works relating to laying of trunk line, mains, and sub-mains covering the more congested areas in Gangtok have also been completed. During 1989-90, other areas namely Diesel Power House Colony, MLA Hostel, Arithang, and Pani House were also covered with Sewerage system. Additional main trunk line along the Western bye-pass is proposed to be completed. This will cater to Upper Sichey and Development area. The sub-mains works to cover a part of Development area, Dara-Gaon and College complex at Tadong will also be completed simultaneously. Works on further extension of services will be initiated during the year. The house connections in these areas will also be taken up to facilitate utilisation of services created.

6. OTHER BAZAR SANITATION; RS: 10.00 LAKHS

It is proposed to construct a good number of public latrines with low cost sewerage treatment plants such as cess-pool and septic-tanks. It is proposed to take up such schemes in certain major towns namely Jorethang, Rangpo and Singtam.

B

RURAL SECTOR: RS: 355 LAKHS

1.

DIRECTION AND ADMINISTRATION : RS: 5 LAKHS

The above outlay is intended for meeting the establishment over heads and in particular for strengthening the planning implementation, monitoring and evaluation sections. In addition specific attention will be given to developing research and analysis facilities for testing water properties.

11.

RURAL WATER SUPPLY: RS: 305 LAKHS

Considering the hilly terrain and the scattered habitation in the villages the provision of water supply facilities to cover each and every hamlets proves to be a difficult and costly proposition. Out of total of 440 villages 324 villages would be fully covered with Water Supply Schemes by the end of the VIIth and the remaining 116 villages will have only partial coverage. During the VIIth Plan while the partially covered villages are proposed to be brought to fully covered category, attention will also be given to augmentation and improvement of the existing schemes as well as ensure provision of proper water filtration and treatment measures. A total provision of Rs. 305 lakhs has been envisaged as State Share for the Accelerated Rural Water Supply Programme.

111.

RURAL SANITATION : RS: 35 LAKHS

The activities under this programme include construction of low cost House Hold latrines, Community and Institutional Sanitation facilities, soakage and garbage pits including construction of bathing cubicle facilities particularly in the Rural Areas. In order to carry forward this programme which has contributed substantially towards building up awareness among the rural people on basic hygiene and sanitation, a total outlay of Rs. 35 lakhs has been proposed. The target during the

year is to construct 2500 house hold latrines, 20 community latrines, 16 bathing cubicles and 2500 garbage/Soakage pits.

IV. BUILDING PROGRAMMES: RS: 10 LAKHS

The above outlay is meant for constructing residential facilities for the field level officers and supervisory staffs of the department.



**EIGHT FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE**

STATEMENT ON - 2

(Rs. in lakhs)

Code No.	Name of the Scheme/Projects	7th Plan 1985-90 Agreed outlay	Actual Expenditure 1985-89	1989-90		Annual Plan 1990-91	
				Approved outlay	Anticipated Expenditure	Proposed outlay	of which capital contents
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
223221500	<u>Water Supply and Sanitation</u>						
01	<u>Water Supply</u>						
001	Direction & Adm.	25.00	28.27	10.00	10.00	5.00	-
101	Urban Water Supply Programme	750.00	677.67	183.00	183.00	300.00	235.00
	i) Gangtok	150.00	199.40	55.00	55.00	150.00	150.00
	ii) Namchi	500.00	339.00	90.00	90.00	55.00	55.00
	iii) Other areas	100.00	139.27	38.00	38.00	65.00	-
102.	Rural Water Supply Programme MWP	850	1060.57	360.00	360.00	305.00	305.00
02	<u>Sewerage &amp; Sanitation</u>						
001	Direction & Adm.	-	-	-	-	5.00	-
107	Sewerage Services	175.00	123.03	35.00	35.00	70.00	60.00
	i) Gangtok	140.00	103.03	30.00	30.00	25.00	25.00
	ii) Other Areas (LSG)	35.00	20.03	5.00	5.00	10.00	-
	iii) Rural Sanitation Buildings	-	-	-	-	35.00	35.00
		-	-	-	-	10.00	10.00
	<b>T O T A L :</b>	<u>1800.00</u>	<u>1889.47</u>	<u>579.50</u>	<u>579.50</u>	<u>665.00</u>	<u>610.00</u>





## HOUSING

For the Annual Plan 1990-91 a total outlay of Rs. 154 lakhs has been proposed. The schemewise details are discussed in the following paragraphs.

1. STAFF QUARTER AT GANGTOK: RS: 40 LAKHS

It is proposed to continue the spilled over schemes of construction of 24 units Class II quarters and 24 units Class III quarter at Syari and accordingly an outlay of Rs. 30.00 lakhs is proposed to meet these commitments.

Further specific provision of Rs. 10.00 lakhs is proposed during 1990-91 to acquire private land for the purpose of construction of 100 units staff quarters at Gangtok.

2. STAFF QUARTERS AT DISTRICT HEAD QUARTER : RS: 20 LAKHS

It is proposed to construct 50 units staff quarters at the 3 District Head Quarters during the 8th Plan. An outlay of Rs. 20.00 lakhs is proposed for acquisition of land and also to take up a few new schemes.

3. STAFF QUARTERS AT OTHER PLACES: RS; 22 LAKHS

An outlay of Rs. 2.00 lakhs is proposed on account of spill over schemes, Rs. 10.00 lakhs for taking up new schemes in the store complex and Rs. 10.00 lakhs for residential accommodation in the new circle office for the three engineering Departments at Jorethang.

4. QUARTERS FOR MINISTERS: RS: 10 LAKHS

An outlay of Rs. 10.00 lakhs is proposed for acquisition of land during 1990-91 for construction of 5 numbers of quarters for the Ministers along with residential facilities for the Household staff at Gangtok.

5. SOCIAL HOUSING FOR ECONOMICALLY WEAKER SECTION:RS.15 LAKHS

So far the programme has been confined to distribution of GCI sheets to members of Economically Weaker Sections. The Department now proposes to undertake proper development of housing colonies where provision of basic facilities, such as sewerage, drainage, land development, water supply and electricity will be provided. Houses will be built with contribution in kind and labour by allottees and 25 percent of the cost of construction will be provided as subsidy. A provision of Rs. 15.00 lakhs has been proposed accordingly. The physical target is to cover 60 families.

6. ASSISTANCE TO S.H.D.B. : RS: 25 LAKHS

It is proposed to continue the scheme of providing funds as Government's share capital contribution to the Sikkim Housing and Development Board for taking up construction of LIG and MIG flats. Government assistance to the tune of Rs. 25.00 lakhs is proposed during the year 1990-91.

7. LOAN TO GOVERNMENT SERVANTS: RS: 12 LAKHS

The above outlay is proposed for continuing the scheme of providing loans to Government employees for taking up house construction.

8. POLICE HOUSING: RS: 10 LAKHS

This forms part of the Finance Commission's scheme for upgradation. With the proposed outlay 7 units quarters for Police personnel has been envisaged.

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
DEVELOPMENT SCHEME/PROJECTS- OUTLAY AND EXPENDITURE

STATEMENT GN- 2

(Rs. in lakhs)								
Code No	Name of the Scheme/Projects	7th Plan (1985-90) Agreed Outlay	Actual Expenditure 85-88	1988-89 Actual Expenditure	1989-90		Annual Plan 1990-91	
					Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content.
1	2	3	4	5	6	7	8	9
223221600	<u>Housing</u>							
01	Govt. Residential Building							
106	General Pool Accommodation	274.00	132.32	59.98	36.60	36.60	92.00	92.00
i)	Staff Quarter at Gangtok	124.00	70.11	32.44	15.10	15.10	40.00	40.00
ii)	Staff Quarter District H.Q	106.00	37.20	17.55	15.00	15.00	20.00	20.00
iii)	Quarter at other places	24.00	12.00	-	4.50	4.50	22.00	22.00
iv)	Quarter for Ministers	20.00	13.01	0.99	2.00	2.00	10.00	10.00
107	Police Housing	26.00	9.00	-	27.06	27.06	10.00	10.00
700	Other Housing	110.00	55.86	19.55	-	-	27.00	27.00
i)	Social Housing	60.00	25.41	10.00	10.00	10.00	15.00	15.00
ii)	Loans to Govt. servants	50.00	30.45	9.55	10.00	10.00	12.00	12.00
80	<u>General</u>							
103	Housing Board	50.00	31.50	10.00	10.00	10.00	25.00	25.00
	<b>Total</b>	<b>460.00</b>	<b>228.68</b>	<b>80.53</b>	<b>92.25</b>	<b>92.25</b>	<b>154.00</b>	<b>154.00</b>



URBAN DEVELOPMENT :

1. DIRECTION & ADMINISTRATION ; RS. 30 LAKHS

At present the Local Self Government & Housing Department has been able to take up urban planning in a very limited manner mainly because the administrative machinery at the disposal of the Department is extremely inadequate. A proper machinery to enforce the legislative provisions, zoning regulations, building bye-laws, scrutiny and approval of building plans, systematised drainage and water supply, electricity etc. will have to be taken care of. For this purpose a Gangtok Development Authority will be constituted for which a provision of Rs.30.00 lakhs has been kept for 1990-91. Physical target is to create 1 Development Authority.

2. IMPLEMENTATION OF MASTER PLAN FOR GANGTOK. : RS. 70 LAKHS

Gangtok, the capital city, has been growing at an extremely rapid rate. In order to stop haphazard growth of urbanisation a Master Plan for Gangtok with the horizon upto the year 2000 A.D. has already been prepared by Consultants M/s. GILICON Projects, Delhi. Immediate programmes as identified like construction of Fly-Over at Metro junction, Development of Lall Bazar Area, acquisition of land etc. will be taken up during 1990-91 with financial projection of Rs.70 lakhs. With this provision it is proposed to construct one fly-over, undertake bazar development work and acquire 5 acres of land.

3. ENVIRONMENTAL IMPROVEMENT OF SLUMS : RS. 10 LAKHS

A provision of Rs.10 lakhs has been set aside for taking up improvement of environment including drainage improvement works at Singtam, Mangan, Nayabazar, Jorethang and Gangtok during 1990-91. Physical target is to cover 3,340 beneficiaries.

4. DEVELOPMENT OF OTHER BAZARS : RS. 15 LAKHS

Construction of shopping centres, sweepers' quarters, parking places in fast growing towns/bazars namely, Pakyong, Rangpo, Melli etc. will have to be taken up as per Master Plans for which a provision of Rs.15 lakhs has been proposed in 1990-91.

5. INTEGRATED DEVELOPMENT OF SMALL AND MEDIUM TOWNS : RS. 25 LAKHS

With the basic objectives of reducing rate of migration from rural areas to urban areas, to develop proper urban facilities in an integrated manner and to avoid any development of slums in small and medium towns, the scheme will be implemented to cover Rangpo and Gangtok towns and to continue the programme at Namchi during 1990-91. A provision of Rs.25 lakhs will be required for development of these 3 identified towns.

6. URBAN ROADS : RS. 10 LAKHS

The road development programmes in smaller towns such as Ringhenpong, Mazitar, Sombaria etc. needs timely attention. A sum of Rs.10 lakhs has been estimated to take up development of 4 KMs of urban roads during 1990-91.

7. PROTECTIVE MEASURES : RS. 12 LAKHS

Heavy discharge of rain water flowing in an uncontrolled manner is a serious problem in the hilly terrain as this erodes the banks of urban land and carry down soil thereby endangering urban property. To check such soil erosion, proper training and improvement of Jhoras is essential to stabilize the banks of the jhoras by providing suitable protective works. A provision of Rs.12 lakhs has been kept to implement such schemes in priority urban centres.

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN -1990-91

STATEMENT: GN-2

DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

RS. IN LAKHS

CODE NO.	NAME OF THE SCHEME/PROJECTS	7TH PLAN (1985-90) AGREED OUTLAY	ACTUAL EXPENDITURE 1985-88	1988-89 ACTUAL EXPENDITURE	1989-90		ANNUAL PLAN 1990-91	
					APPROVED OUTLAY	ANTI-CIPATED EXPENDITURE	PROPOSED OUTLAY	OF WHICH CAPITAL CONTENT
0.	1.	2.	3.	4.	5.	6.	7.	8.
223 221700	State Capital Development							
001	Direction & Administration	3.00	1.08				30.00	-
051	Construction	47.00	47.43	21.99	24.50	24.50	70.00	70.00
	i. Parking Place	15.00	-	10.00	-	-	-	-
	ii. Super Market Complex	16.00	-	2.63	-	-	-	-
	iii. Other Schemes	16.00	-	2.05	-	-	-	-
	iv. Implementation of Master Plan	-		7.31	-	-		-
04800	Slum Improvement	20.00	16.91	7.24	6.00	6.00	10.00	-
03051	Integrated Development of small & medium towns	10.00	37.89	11.57	10.00	10.00	25.00	25.00
05	Other Urban Development	58.00	15.00	3.82	-	-	-	-
001	Direction & Administration	15.00			4.60	4.60	-	-
051	Construction	43.00	14.89	5.81	12.00	12.00	37.00	37.00
	i. Development of other Bazars	43.00			-	-	15.00	15.00
	ii. Protective Measures in urban areas	-			-	-	12.00	12.00



0.	1.	2.	3.	4.	5.	6.	7.	8.
	iii. Urban Roads							-
80800	Other Expenditure							
	Town Planning Cell	12.00	8.43	3.50	2.90	2.90	-	-
	<u>T O T A L:</u>	<u>208.00</u>	<u>141.63</u>	<u>53.93</u>	<u>57.00</u>	<u>57.00</u>	<u>172.00</u>	<u>120.00</u>

## INFORMATION AND PUBLIC RELATIONS

The Information and Public Relation Department plays a very important role by establishing a very effective interaction between the public vis-a-vis policies and programmes of the State Government. The main media used for purpose of the information spread is the Sikkim Herald, a departmental publication brought out in five languages. Apart from this daily publication the department also publishes adhoc publications' featuring events of major significance to the State. The use of photographic displays depicting major developmental activities also forms part of the departments activities. Besides the department maintains a regular rapport with the All India Radio <sup>for</sup> the purpose of dissemination of information to the general public. Similarly a regular link with the National News agencies is also established so that the public is kept abreast with the major happenings taking place outside the State.

For the 1990-91 Annual Plan a total outlay of Rs. 16 Lakhs has been proposed as per scheme wise details outlined below:

1. DIRECTION & ADMINISTRATION: RS: 1 Lakh

The above outlay is intended to make good the deficiency of the existing organisational set up in terms of additional manpower.

2. FILMS: RS: 1 LAKHS

The outlay proposed under the caption is meant for procurement of video cassette recorders for use in the District Information Centres. Further regular consumables required in the film section will also be met from the above provisions.

ADVERTISING AND VISUAL PUBLICITY: RS: 2 LAKHS

The liabilities of subscription fee on account of news prints from National News Agencies is accountable from the above outlay. Besides, cost of bringing out a Calendar which is an annual feature is also met from the outlay under this head.

4. INFORMATION CENTRES: RS: 1.50 LAKHS

The above outlay is meant to upgrade the facilities at the District Information Offices in terms of camera equipments and trained photographers.

5. PHOTO SECTION: RS: 1.50 LAKHS

Some of the cameras in the photo section have outlived their utility and therefore need to be replaced with more sophisticated and versatile equipments. Further keeping in mind plans for establishing a mini-Colour laboratory during the period of the VIIIth Plan, it is proposed to depute Departmental technicians for training in the relevant field of specialisation.

6. PUBLICATIONS : RS: 9 LAKHS

The cost of publication of the Sikkim Herald will be met from this head. Provision for purchase of a photo copier is also in-built in the above outlay.



## WELFARE OF SCHEDULED CASTES/TRIBES

The department for welfare of scheduled castes and tribes apart from implementing certain welfare oriented schemes such as economic betterment and educational scholarship programmes, also coordinates the welfare programmes pertaining to various sectors which form part of the Tribal Sub Plan and the Special Component Plan. In addition to these, the schemes falling under the ambit of Article 275(1) of the Constitution are also coordinated by the department. Further as part of the provisions of the Finance Commission, the scheme for establishment of model tribal village as well as upgradation of the standards of tribal administration are also taken care of.

During the Eighth Plan, while emphasis will be given to the continuing schemes for ensuring an all round improvement in the standards of living and quality of life of the target groups, specific effort will be made to adopt a more integrated area oriented approach. The department will undertake detail survey and identify potential backward pockets where concentration of Scheduled Castes and Scheduled Tribes population is relatively higher and whose socio-economic conditions are well below the acceptable standards. The strategy would be to formulate a package of beneficiary oriented programmes relevant to various sectors so that the target groups within specific project area are enabled to improve their living standards on a permanent basis.

For the Annual Plan 1990-91, a total outlay of Rs.87 lakhs is proposed as per details outlined in the following paragraphs.

1. DIRECTION AND ADMINISTRATION : RS. 7.50 LAKHS

In order to streamline the administrative machinery to take care of the important function of planning, monitoring and

evaluation of the various programmes as well as to establish effective coordination between various sectoral programmes, it is necessary to create a post of a Research Officer, one Project Officer alongwith ministerial staffs. The Account Section of the department also requires upgradation keeping in mind the progressively larger size of plans outlays for various welfare programmes.

2. EDUCATION : RS. 59.50 LAKHS

There are three district component under this scheme. The first relates to a continuing scheme of pre-matric scholarship for Scheduled Castes and Scheduled Tribe students. During the year this programme will be continued with a difference in that scholarships will be extended at graded rates as against the present flat rates. During 1990-91, 3300 Scheduled Caste students and 4,934 Scheduled Tribe students will be covered with an outlay of Rs.54.50 lakhs. With a view to encourage the weaker sections to attain higher levels of literacy, a new scheme of post matric scholarship is proposed to be introduced and accordingly in 1990-91, 245 Scheduled Caste and 1220 Scheduled Tribe students are proposed to benefit from this scheme. Apart from the above, the third element under this head is in regard to providing opportunities for the weaker section to be exposed to the educational environment in premier educational institutions. During 1990-91, it is proposed to launch this as a pilot programme and accordingly 2 Scheduled Caste and 6 Scheduled Tribe students are proposed to be admitted to the premier public school in the State namely the Tashi Namgyal Academy. For the above three programmes Rs.59.50 lakhs have been envisaged of which Rs.23 lakhs is for Scheduled Caste scholarships and Rs.36.50 lakhs for Scheduled Caste scholarships.

3. ECONOMIC BETTERMENT PROGRAMMES : RS. 4 LAKHS

This relates to an on going scheme under which a package of benefits are extended to the needy families with the objective of enabling the target groups to earn additional income and improve their socio-economic conditions. Out of the above outlay, Rs.1.30 lakhs is intended for Scheduled Caste and Rs.2.70 lakhs for Scheduled Tribe Welfare programmes.

4. TRIBAL AREA PROGRAMMES : RS. 13 LAKHS

Consistent with the strategy adopted for the Eighth Plan, it is proposed to implement an integrated area development approach within identified socially and economically backward pockets. The scheme envisages provision of a package of assistance with a multi disciplinary content such as cattle rearing, piggery, agricultural programmes, horticulture, primary health, education, drinking water, rural roads, afforestation etc. The underlying objectives under this scheme is to generate rural employment to benefit target groups, create durable community assets and generally bring about a substantial improvement in the standards and quality of life of the families within the identified project areas. One such area in North Sikkim has been identified for this new scheme, and Rs. 13 lakhs has accordingly been proposed.

5. WELFARE BOARDS : RS. 2 LAKHS

The above outlay is intended for meeting the administrative overheads in respect of the Scheduled Caste and Scheduled Tribe Welfare Advisory Board.

6. EDUCATION RESEARCH RS:1 LAKH

While various forms of assistance have been extended to S/C and S/T families in series of preceding plans, no systematic exercise has so far been undertaken to ascertain as to whether there has been any tangible results achieved in terms of improvement in the socio-economic condition of the weaker sections. This is imperative to ensure quality in the content of our welfare programmes. In the VIII th Plan it is therefore proposed to organise a comprehensive survey of all S/C and S/T families in order to identify the families living in conditions of poverty as also understanding all aspects of their life as culture, folklore etc for purpose of their preservation. This exercise will be coordinated with the technical help of the Bureau of Economics and Statistics. In order to organise this exercise the Research Cell will be suitably strengthened by imparting technical training to existing personnel.



ANNUAL PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT GN-2

Code No.	Name of the Scheme/Projects	7th Plan (1985-90) Agreed Outlay	Actual Expenditure 85-88	1988-89 Actual Expenditure	(Rs in lakhs)		Annual Plan 1990-91	
					1989-90 Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Cont.
1	2	3	4	5	6	7	8	9
225222500	Welfare of Scheduled Castes, Sch. Tribes & other Backward classes.							
01	Welfare of Scheduled Castes	50.00			13.50	13.50		
001	Direction & Adm.	-	9.32	3.31	3.15	3.15	2.00	
102	Economic Development	-			1.00	1.00	1.30	
277	Education	-	24.55	8.10	9.35	9.35	23.00	
02	Welfare of Scheduled Tribes	70.00			22.50	22.50		
001	Direction & Administration	-	17.32	5.17	7.10	7.10	5.50	
102	Economic Development	-			2.00	2.00	2.70	
277	Education	-	29.93	11.04	13.40	13.40	36.50	
80	<u>General</u>							
800	Other Expenditure	5.00			1.00	1.00	16.00	
2252	i) Research & Training	1.00			-	-	1.00	
	ii) Welfare Board	4.00	2.55	1.52	1.00	1.00	2.00	
	iii) Tribal Area Programme	-	-	-	-	-	13.00	
	<b>Total</b>	<b>125.00</b>	<b>99.46</b>	<b>29.14</b>	<b>35.25</b>	<b>35.25</b>	<b>87.00</b>	

## SOCIAL WELFARE

In keeping with the basic thrust envisaged during the Eighth Plan which is directed at consolidation of the gains already made, the programmes for the 1990-91 Annual Plan have been formulated as per details in the following paragraphs:

1. DIRECTION & ADMINISTRATION RS: 2 LAKHS

Although there has been considerable expansion in the nature of activities undertaken by the department no new posts were created during the previous two plans. In order to cope up with the increase in the work load it is proposed to create posts of one District Social Welfare Officer, one LDC and one peon. Besides, the implementation of provisions of the Juvenile Justice Act 1986 is inevitable. Therefore for administration of the Observation Home which is proposed to be established under the purview of the Act it is necessary to create posts of one Superintendent cum Probation Officer, one Accountant, one Craft teacher, two Home Attendants and two Guards. To meet the above requirements a total provision of Rs. 2 lakhs is made for the Annual Plan.

11. CHILD WELFARE: RS. 4 LAKHS

Under this scheme it is proposed to begin the construction of a Destitute Home at Chakung for a capacity of 100 Children. This construction is envisaged as part of a Centrally Sponsored scheme. The Capacity of the Kaluk Destitute Home which has increased from 25 to 50 will also require extension of the building infrastructure. Presently there are in all 4 Destitute Homes

in the State which accommodates about 300 Destitute Children. During the latter part of the last Plan a new home for 50 Destitute Children was established. The Central Government have already approved the scheme for establishment of a home for 50 Children at Pelling. During the Eighth Plan it is proposed to improve the level of services in these homes and also introduce vocational training for the benefit of the inmates. A total provision of Rs. 4 lakhs is provided under this scheme.

III. WOMEN'S WELFARE: RS: 4 LAKHS

The main effort under this scheme is to provide self employment avenues for targetted beneficiaries. The on going vocational training programmes will be vigorously implemented and further the nature of vocational courses will also be extended and the content of the programmes improved. In addition it is necessary to upgrade the level of skills in respect of the functionaries involved in these training centres. During the Annual Plan it is proposed to commence construction of a new hostel for working women at Gyalshing in West district. For the above activities a provision of Rs. 4 lakhs has been made.

IV. WELFARE OF PHYSICALLY HANDICAPPED: RS: 3.50 LAKHS

Despite the fact that there is a fairly large section of the population who are mentally retarded there are no organised Welfare Programmes to take care of their needs. It is therefore proposed to establish a Centre for the Mentally Retarded within the S.T.N.M. Hospital at Gangtok. Besides the above it is also proposed to construct a sheltered workshop for the physically disabled at Jorethang since the existing workshop which is accommodated in the industrial shed is congested. For the above proposed an outlay of Rs. 3.50 lakhs has been made.

V. GRANT-IN-AID: RS: 4.50 LAKHS

Under this scheme in addition to financial assistance which will continue to be extended to the Social Welfare Advisory Board, it is proposed to extend grant-in-aid to registered welfare organisations namely the Red Cross Society, Four Star Club (Rateypani), Arithang Social Welfare Association, Mahila Kalyan Sangha (Ranipool). A total allocation of Rs. 4.50 lakhs is proposed for the above purpose.

VI. OLD AGE PENSION: RS: 3.50 LAKHS

The existing rate of pension which is Rs. 60 per month is considered far too meagre to provide meaningful benefit to the old and aged beneficiaries. It is therefore proposed to enhance the rate of pension by at least Rs. 150 per month. During the year it is proposed to cover 100 new beneficiaries under the pension scheme. A total outlay of Rs. 3.50 lakhs has been made accordingly.

VII. SOCIAL DEFENCE: RS: 1 LAKH

The implementation of the Juvenile Justice Act of 1986 is proposed to be taken up pursuant to enforcement of this Act by a notification issued by the Ministry of Welfare. The relevant rules for this purpose are being framed. It is proposed to approach the Central Government for financial assistance for establishment of an Observation Home including Juvenile Court which is estimated to cost Rs. 25 lakhs. For the 1990-91 plan Rs. 1 lakh has been proposed to meet the administrative expenses.

VIII OTHER SCHEME: RS. 0.50 LAKHS

The function of monitoring and evaluation of

various Welfare Programmes, as also undertaking survey of eligible beneficiaries will be covered under the purview of this scheme. Rs. 0.50 lakhs has been made for this purpose.

EIGHT FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN -1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT GN 2

Code No.	Name of the Scheme/Projects	7th Plan 1985-90 Agreed outlay	Actual Expenditure 1985-89	1989-90		(Rs. in lakhs) Annual Plan 1990-91		
				Approved outlay	Anticipated Expenditure	Proposed outlay	of which capital content	
				1.	2.	3.	4.	5.
227223500	Social Security Welfare							
02	Social Welfare							
001	Direction & Adm.	5.00	2.44	2.00	2.00	2.50	-	
101	Welfare of handi-capped	17.00	6.48	2.40	2.40	3.50	-	
102	Child Welfare	15.00	12.13	3.80	3.80	4.00	-	
103	Women Welfare	13.00	7.80	3.00	3.00	4.00	-	
106	Correctional Service (Social Welfare)	15.00	.12	1.88	1.88	1.00	-	
107	Assistance voluntary Organisation	5.00	3.47	3.00	3.00	4.50	-	
60)	Other social security & welfare Programmes							
102	Pensions (Old age)	-	.69	2.16	2.16	3.50	-	
200	Other schemes	-	.14	.50	.50	.50	-	
	T O T A L :-	<u>70.00</u>	<u>33.27</u>	<u>19.00</u>	<u>19.00</u>	<u>23.00</u>	-	

## NUTRITION

The major thrust under the Nutrition Sector is directed towards providing Nutritional support to every malnourished children, ensure required nutrition contents of diets and streamline the over all system of distribution of nutritious food. Consistent with these objectives it is envisaged to cover the target group consisting of children below the age of 6 years, school going children up to Class V, expectant and nursing mothers through the various feeding centres such as schools, ICDS centres, creches etc. Presently the Nutrition Cell, which is <sup>2</sup>Cell of the Health Department, has been entrusted the responsibility of Implementing the various programmes under the sector. The Cell has been able to organize extensive nutrition education and awareness programmes being implemented are the Mid Day Meal Programme and the Supplementary Nutrition Programme. The experience in the past has been that the prescribed per capita expenditure on diets are far below what would actually be required to provide a meaningful diet. Besides, the funds provided vis-a-vis the number of beneficiaries enlisted in this programme has not been proportionate and as a result of which the number of feeding days have had to be reduced considerably. During the 1990-91 Annual Plan the gap in the resources will have to be bridged out of non plan resources of the State.

For the Annual Plan 1990-91 a total outlay of Rs.91 lakhs has been proposed under this sector as per scheme wise details outlined below.

### 1. DIRECTION AND ADMINISTRATION: RS: 1 LAKH

The above outlay is meant for meeting the establishment expenses of the Nutrition Cell. One post of Supervisor is proposed to be created for improving the administration of the programmes. Provision has also been inbuilt for hiring of

godowns in each of the Districts so that buffer stocks be maintained to meet unforeseen shortages.

11. SUPPLEMENTARY NUTRITION PROGRAMMES: RS: 45 LAKHS

Under this programme 41850 beneficiaries are presently enlisted. This number is expected to grow to the tune of 42695 during 1990-91 plan. As mentioned earlier because of the constraint in the funds it is proposed to cover 210 days per year against 300 days prescribed by the Centre Government under this programme. The remaining 90 days feeding charges is proposed to be mobilised from the non plan resources. On the basis of the per capita cost of Rs. 0.65 per day per beneficiary the total financial implication for covering 42695 beneficiaries would amount to a little over Rs. 58 lakhs. As against this requirement Rs. 45 lakhs has been proposed for the Annual Plan.

111. MID DAY MEAL PROGRAMME:

Under this programme against the beneficiaries numbering 52020 during 1989-90 the target projected during 1990-91 will be of the order of 53308. As in the case of the supplementary nutrition programmes, under the Mid Day Meal also against the prescribed feeding day of 200 per annum it is proposed to cater for 165 days only with the anticipation that the remaining 35 days feeding cost shall be contributed from the non Plan sector. The total financial implication for covering the target of 53308 during 1990-91 at the rate of Rs. 0.65 per beneficiaries per day will a little over Rs. 57 lakhs. As against this estimate Rs. 45 lakhs only has been proposed in the Annual Plan.



NO NUTRITION  
 EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN- 1990-91  
 DEVELOPMENT SCHEME/PROJECTS- OUTLAY AND EXPENDITURE

STATEMENT GN-2

(Rs. in lakhs)

Code No	Name of the Scheme/Projects	7th Plan (1985-90) Agreed Outlay	Actual Expenditure 85-88	1986-90 Actual Expenditure	1989-90		Annual Plan 1990-91	
					Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capit Conte
1	2	3	4	5	6	7	8	9
227223600	Nutrition							
	02 <u>Distribution of Nutritious food</u>							
101	Special Nutrition Programme	145.00	69.03	10.97	19.95	19.95	45.00	-
102	Mid day meal programme	117.00	64.32	21.68	21.85	21.85	45.00	
	80 <u>General</u>							
101	Direction & Adm.	8.00	-	4.00	0.95	0.95	1.00	
	<b>Total</b>	<b>270.00</b>	<b>133.35</b>	<b>36.65</b>	<b>42.75</b>	<b>42.75</b>	<b>91.00</b>	

## PUBLIC WORKS

The outlay proposed for the Annual Plan 1990-91 is Rs. 215 lakhs <sup>against</sup> the proposed Eight Plan outlay of Rs. 1050 lakhs. The proposed Annual Plan outlay consists of Rs. 142 lakhs for spill over schemes, Rs. 35.00 lakhs for upgradation schemes under Finance Commission Award, Rs. 3.00 lakhs for the establishment overheads and the balance of Rs. 35.00 lakhs for new building projects. Scheme wise write up of the Annual Plan is outlined below.

### 1. DIRECTION & ADMINISTRATION - Rs. 3.00 lakhs.

The Building & Housing Department is responsible for investigation, planning, construction and maintenance of public utility buildings like Offices, Schools, Hospitals, Guest Houses, Godowns, Workshops, Factory buildings, Govt. residential accommodation, Raj Bhawan complex, Administration of Rent Control Act, valuation and rent assessment of private buildings, maintenance of records of capital assets in the State besides rendering technical advise to other departments. The financial work load of the department presently is roughly Rs. 8.00 crores per year which is likely to increase to Rs. 10.00 crores per year during the 8th Plan. The department is presently headed by one Chief Engineer cum Secretary and consists of one circle, three divisions and nine sub divisions. In a state like Sikkim with hilly terrain, scattered villages, limited public transport facilities, the present work load per circle, Division and sub division is extremely heavy. In order to streamline and gear up the organisational set up in planning, execution and maintenance of Public buildings, it is necessary to create more circles, Division and Sub divisions. Also, presently the administrative system in the department is **centralised** in the office of the Chief Engineer which delays the implementation of Plan Programmes resulting in

high cost overruns. It is, therefore, proposed to gradually <sup>power</sup> de-centralise both administrative and financial/ to the Circle and Divisional levels.

Accordingly, a provision of Rs. 3.00 lakhs been proposed under this head.

2. DEVELOPMENT OF GANGTOK SECRETARIATE : Rs. 10 lakhs

A sum of Rs.10 lakhs is proposed to complete the spill-over scheme of providing car parking facilities in the main Secretariate.

3. OTHERS ADMINISTRATIVE BUILDINGS : Rs. 12 lakhs

Construction of a Sub-Divisional office complex in the Sub-Divisional Head Quarter at Chungthang, North Sikkim, has been taken up to accommodate the Sub-Divisional Magistrate and Sub-Division level officers of other Departments. A sum of Rs, 12.00 lacs is proposed to continue the scheme during 1990-91.

4. CONSTRUCTION OF BUILDING FOR S.P.W.D. : Rs. 20 lakhs

The existing office building which accommodates three Departments namely Roads & Bridges, Building & Housing, Public Health Engineering, was constructed several decades ago. It is therefore proposed to finalise a plan for a new administrative building for those major engineering departments during 1989-90 and commence the work during 1990-91.

Similarly it is proposed to commence the work on construction of Office building of the Circle offices for all the three Departments at Jorothang.

A sum of Rs. 20.00 lakhs is proposed during 1990-91.

5. LEGISLATIVE ASSEMBLY BUILDING : Rs. 100 lakhs.

The construction of the Legislative Assembly Building was initiated during 1988-89 and this <sup>is</sup> likely to be completed during 1991-92. The construction is in good progress and accordingly a sum of Rs. 100.00 lakhs is proposed during 1990-91.

6. STORAGE FACILITIES AT GANGTOK : Rs. 20 lakhs.

Proper and adequate storage facilities is a crucial element in proper material management. There are limited

storage facilities and at times when the State gets cut out off from rest of the country as a result <sup>of</sup> /disruption in communication, construction activities of the department are hampered due to material <sup>scarcity</sup> / It is, therefore, proposed to provide proper storage facilities at Gangtok and other District Head Quarters.

The work relating to construction of storage infrastructure at Gangtok has already commenced and work at Mangan and Geyzing is proposed to be initiated during 1990-91.

A sum of Rs. 20.00 lakhs is proposed for completion of the scheme at Gangtok by 1990-91.

7. CONSTRUCTION OF CIRCUIT HOUSE : Rs. 15 Lakhs.

It is proposed to commence construction of circuit houses at Calcutta and Mangan during 90-91, where land is readily available. Accordingly, an outlay of Rs. 15.00 lakhs is proposed.

8. CONSTRUCTION OF HIGH COURT COMPLEX : Rs. 10 Lakhs.

It is proposed to commence construction of a new High Court Building in the existing premises alongwith some staff quarters. This scheme will be executed as part of the Upgradation Programme under the 9th Finance Commission.

9. CONSTRUCTION OF MODERN JAIL COMPLEX : Rs. 15 lakhs.

A plan has already been prepared in consultation with the Jail authorities of other States and the required land is also available. It is proposed to commence the construction alongwith a few staff quarters during the year.

This scheme will be executed as part of the Upgradation Programme under the 9th Finance Commission.

10. CONSTRUCTION AT SUB DIVISIONAL HEAD QUARTERS : Rs. 10 Lakhs.

Four new Sub Divisions, one each in the four districts of the State, was created as part of the Upgradation Programme of <sup>the</sup> 8th Finance Commission. The work of construction of

office complex at three sub-divisions has been completed and work at Chungthang sub-division is under progress.

Provision for staff quarters was made in the Finance Commission grant. A minimum of four unit class II quarters, 12 unit class III quarters and 8 unit class IV quarters are proposed in each sub-division complex in addition to continuing the construction of the Chungthang sub-division complex.



## STATIONERY AND PRINTING

The main emphasis in the Seventh Five Year Plan was on modernisation of the Sikkim Government Press with the objective of improving resource generation. Accordingly in 1987-88 the Planning Commission had agreed to a massive step-up in the plan outlay for procurement of modern printing machines. The modernisation of the letter press section of the Press has since been completed and, consequently the revenue collection of the department has substantially improved from figure of Rs. 7.70 lakhs at the commencement of the Seventh Plan (1985-86) to Rs. 32.67 lakhs during 1988-89. For the terminal year of the Seventh Plan (1989-90) the revenue target has been set at Rs. 35 lakhs which is likely to be realised.

The magnitude of printing jobs emanating from Government Departments alone is of the order of Rs. 1.50 crores worth annually and this is likely to progressively increase. The majority of such work is given to private printers with the Government Press taking up only a small segment of it. It is therefore necessary to supplement and strengthen the Government Press by developing an offset Printing Unit with Desk Top Publishing facility. The need for keeping abreast with developments in printing technology for bringing about operational efficiency has been duly recognised and hence this aspect has been underlined for consideration in the VIIIth Plan.

The Eighth Five Year Plan has been formulated keeping in mind the above perspectives. During 1990-91 annual plan a total outlay of Rs. 48.50 lakhs has been envisaged as per schemes discussed in the following paragraphs.

### (1) STRENGTHENING OF ADMINISTRATIVE SET-UP Rs. 3.00 lakhs.

Consistent with the modernisation and expansion strategy that has been envisaged during the Eighth Plan period. It is necessary to strengthen and upgrade the organisational set up. Accordingly a few new posts are required to be created which includes Desktop Operators, Layout Artist, Retouching Man, Grinding Man, Platemaking Man, Machineman and Cameraman. A total outlay of Rs. 3.00 lakhs is proposed for meeting the administrative overheads.

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(2) MACHINERY AND EQUIPMENT (Rs. 40 lakhs).

With the modernisation of the Press during 1987-88 the upgradation of the letter press section is complete. It is felt necessary to augment the operational efficiency and production capacity of the Press by installation of an Offset Printing Unit with Desktop Publishing facility. This will not only enable the Press to attain the state-of-art technology but also enable it to take up bulky jobs with facility to undertake coloured prints as well. In addition to the above replacement of existing Tibetan and Lepcha types is inevitable as these are obsolete and wornout. Further, adequate stock of matrices, spare parts and other related consumables will have to be maintained. An outlay of Rs. 40:00 lakhs is earmarked to meet the above requirements.

(3) EXTENSION OF EXISTING PRESS BUILDING (Rs. 5 lakhs).

The Press building at present has very limited space even to accommodate the existing machines. In the case of the binding section the working space is congested which affects very operational efficiency. In order to cope up with the expansion of work consequent upon purchasing more machines, it is necessary to extend the building space particularly for the various sections of the Press. Accordingly Rs. 5 lakhs has been proposed for the first year of the Plan.

(4) RESEARCH AND TRAINING (Rs. 0.50 lakhs).

The department has been running an apprenticeship scheme to impart vocational training on various printing skills. Practically ~~xxx~~ all the apprentices under the scheme have been suitably employed either in the Press itself or in other private firms after successful completion of training. As an incentive stipends are paid to apprentices at the rate of Rs. 250 p.m. During the Eighth Plan it is proposed to pay the stipend in line <sup>with the</sup> Apprenticeship Act 1961 at the rate of Rs. 250/-, Rs. 300/-, Rs. 350/- p.m. in their 1st., 2nd and 3rd year of training respectively. In addition to the above, the scheme of deputation of Departmental personnel for technical training will be continued. The proposed to develop a small library in the Press for use of the technical of personnel will also be considered. A sum of Rs. 0.50 lakhs has been earmarked for the above scheme in 1990 91.



STATIONARY & PRINTING

EIGHT FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
DEVELOPMENT SCHEME/PROJECTS - OUTLAY AND EXPENDITURE

STATEMENT GN-2

Code No.	Name of the Scheme/Projects	7th Plan (1985-90) Agreed outlay	Actual Expenditure 1985-89	1989-90		(Rs. in lakhs) Annual Plan 1990-91	
				Approved outlay	Anticipated Expenditure	Proposed outlay	of which capital content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
342205800	Stationary & Printing						
10 3	Govt. Press						
i)	Direction and Administration	1.85	5.12	3.10	3.10	3.00	-
ii)	Machinery & Equipment	20.00	31.45	1.90	1.90	40.00	-
iii)	Research & Training (Stipend)	1.15	1.01	.75	.75	.50	-
iv)	Minor Works	4.00	6.23	1.25	1.25	-	-
v)	Building	-	-	-	-	5.00	5.00
	TOTAL :	27.00	43.81	6.75	6.75	48.50	5.00

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. Item No.	Unit	Seventh Plan (1985-90) Target.	1985-88 Achievement	1988-89 Achievement	1989-90 Target	Anticipated Achievement	Annual Plan 1990-91 Targets proposed	
1	2	3	4	5	6	7	8	9
<u>AGRICULTURE &amp; ALLIED SERVICES</u>								
1. Production of Foodgrains								
<u>Rice</u>								
Irrigated	'000 Tonnes	20.00	18.00	18.60	22.00	20.00	22.00	
Unirrigated	"	-	-	-	-	-	-	
<u>Total</u>	"	20.00	18.00	18.60	22.00	20.00	22.00	
<u>Wheat</u>								
Irrigated	'000 Tonnes	-	-	-	-	-	-	
Unirrigated	"	22.00	17.70	17.80	21.00	20.00	22.00	
<u>Total</u>	"	22.00	17.70	17.80	21.00	20.00	22.00	
<u>Maize</u>								
Irrigated	'000 Tonnes	-	-	-	-	-	-	
Unirrigated	"	55.00	50.40	57.00	57.00	60.00	61.50	
<u>Total</u>	"	55.00	50.40	57.00	57.00	60.00	61.50	

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. Item No.	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	Anticipated Achievement	Annual Plan 1990-91 Targets proposed
1	2	3	4	5	6	7	8
<u>OTHER CEREALS</u>							
Irrigated	'000 Tonnes	-	Rs	-	-	-	-
Unirrigated	"	15.00	8.10	8.60	12.00	12.00	12.50
<u>Total</u>	"	15.00	8.10	8.60	12.00	12.00	12.50
<u>Pulses</u>							
Irrigated	'000 Tonnes	-	-	-	-	-	-
Unirrigated	"	16.00	11.90	13.00	16.00	14.30	15.00
<u>Total</u>	"	16.00	11.90	13.00	16.00	14.30	15.00
<u>TOTAL FOODGRAINS</u>							
Irrigated	'000 Tonnes	20.00	18.00	18.60	22.00	20.00	22.00
Unirrigated	"	108.00	88.10	96.40	106.00	106.30	111.00
<u>Total</u>	"	128.00	106.10	115.00	128.00	126.30	133.00

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. Item No.	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 - Anticipated Achievement	1990-91 Targets proposed	
1	2	4	5	6	7	8	9
<u>2. COMMERCIAL CROPS</u>							
a. <u>Oilseeds</u>							
i. Major Oilseeds							
Rape & Mustard	100 Tonnes	8.00	6.20	7.00	7.50	7.30	7.50
Total(i)	"	8.00	6.20	7.00	7.50	7.30	7.50
ii. Others							
Soyabean	"	7.80	6.10	5.80	7.50	6.00	6.20
Other Oilseeds	"	0.20		0.20		0.20	0.30
Total (ii)	"	8.00	6.10	6.00	7.50	6.20	6.50
Total Oilseeds (a)	"	16.00	12.30	13.00	15.00	13.50	14.00

(PHYSICAL TARGETS AND ACHIEVEMENTS)

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Anticipated Achievement	Targets	Annual Plan 1990-91 Targets proposed
1	2	3	4	5	6	7	8	9
<b>b. Other Commercial Crops</b>								
	Large Cardamom	'000 Tonnes	4.50	4.00	3.60	4.50	3.80	3.90
	Potato	"	30.00	26.00	31.60	34.00	34.00	36.00
	Ginger	"	15.00	12.60	14.00	15.90	15.00	16.00
	Other tuber & Rhizomatic crops	"	2.47	2.00	2.00	2.50	2.50	3.00
	Minor Commercial crops	'000 Tonnes	0.08	0.50	0.06	0.10	0.10	0.10
	Total other Commercial crops (b)	"	52.05	44.75	51.26	57.00	55.40	59.00
	Total Commercial Crops(2)	"	68.05	57.05	64.26	73.00	68.90	73.00
<b>3. Major Horticulture Crops</b>								
<b>a. Fruits</b>								
	Citrus	"	17.00	13.60	14.50	17.00	16.50	17.00

## EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91

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## PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	Anticipated Achievement	Annual Plan 1990-91 Targets proposed
1	2	3	4	5	6	7	8	9
	Apple	'000 Tonnes	0.60	0.20	0.10	0.10	0.10	0.10
	Banana	"	1.95	2.30	2.40	2.70	2.70	2.85
	Guava	"	1.00	1.00	0.90	1.00	1.10	1.20
	Plum	"	1.00	0.90	0.85	1.00	1.00	1.10
	Other fruits	"	2.53	2.40	2.25	2.60	2.60	2.75
	Total fruits (a)	"	24.08	20.40	21.00	24.50	24.00	25.00
b.	<u>Vegetable</u>	"	30.00	28.00	32.00	34.00	34.00	35.00
	Total Major Horti- culture Crops(3)	%	54.08	48.40	53.00	58.50	58.00	60.00
C.	<u>Flowers</u>							
i)	Cut flowers	Lkah Nos.	-	-	3.00	2.50	2.50	5.00

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	Anticipated Achievement	Annual Plan 1990-91 Targets Proposed.
1	2	3	4	5	6	7	8	9
ii.	Planting Materials	Lakh Nos.	-	-	5.00	5.00	5.00	3.00
4.	<u>Improved Seeds</u>							
a.	<u>Production of Seeds</u>							
i.	Cereals	'000 Tonnes	0.34	0.20	0.22	0.27	0.27	0.29
ii.	Pulses	"	0.07	0.03	0.04	0.06	0.06	0.06
iii.	Oilseeds	"	0.07	0.03	0.04	0.06	0.06	0.06
iv.	Potato	"	3.20	2.83	3.10	3.40	3.40	3.50
v.	Ginger	"	0.20	0.22	0.25	0.30	0.30	0.33
vi.	Vegetables	"	0.05	0.03	0.04	0.03	0.03	0.03
vii.	Others	"	0.04	0.02	0.03	0.03	0.03	0.03

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan (1990-91) Targets proposed.
1	2	3	4	5	6	Targets	Anticipated Achievement	9
	Total Seed Production (a)	'000 Tonnes	3.97	3.36	3.72	4.15	4.15	4.30
	<u>b. Distribution of Seeds</u>							
	i. Cereals	"	0.55	0.47	0.49	0.52	0.52	0.55
	ii. Pulses	"	0.20	0.06	0.08	0.10	0.15	0.16
	iii. Oilseeds	"	0.13	0.05	0.06	0.10	0.10	0.11
	iv. Potato	"	0.71	0.58	0.65	0.85	0.85	0.96
	v. Ginger	"	0.22	0.22	0.25	0.30	0.30	0.33
	vi. Vegetables	"	0.05	0.04	0.03	0.04	0.04	0.04
	vii. Others	"	0.06	0.03	0.03	0.04	0.04	0.05
	Total Seed Distribution							
	(b)	"	1.92	1.45	1.59	1.95	2.00	2.20



PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	Anticipated Achievement	Annual Plan 1990-91 Targets Proposed.
1	2	3	4	5	6	7	8	9
5.	<u>Chemical Fertilisers</u>	'000 Tonnes						
a	Nitrogenous (N)	"	2.00	1.03	1.10	1.60	1.70	1.90
b	Phosphatic (P)	"	0.80	0.56	0.55	0.85	0.95	0.95
c	Potassic (K)	"	0.20	0.10	0.15	0.30	0.35	0.35
	Total (N+P+K)	"	3.00	1.69	1.90	2.75	3.00	3.20
6.	<u>Plant Protection</u>							
a	Pesticides consumption	"	0.035	0.020	0.020	0.032	0.032	0.033
b	(Technical Grade Material)							
	Area coverage	'000 Ha.	60.15	42.00	43.03	57.60	57.60	59.40
7.	<u>Area Under Distribution of</u>							
a.	Fertilisers	'000 Ha.	45.00	32.50	28.50	43.00	45.00	48.00
b.	Pesticides	"	30.00	18.20	16.00	25.60	25.60	26.40

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PHYSICAL TARGETS AND ACHIEVEMENTS

Unit	Seventh Plan (1985-90) Target	1985-88 Achieve- ment	1988-89 Achieve- ment	1989-90 Targets	Anticipated Achievements	Annual Plan 1990-91 Targets Proposed
3	4	5	6	7	8	9

Planting Varieties

Area Cropped	'000 Ha	19.20	15.50	18.00	19.00	18.20	19.50
Under HYV	"	11.00	10.20	12.00	12.75	12.00	13.00
Area Cropped	"	20.50	11.20	11.60	12.40	11.80	12.80
Under HYV	"	11.00	11.00	11.48	12.30	11.70	12.70
	"						
Area Cropped	"	53.50	40.00	40.50	41.00	40.50	41.30
Under HYV	"	20.00	20.00	22.03	22.35	24.30	25.00
Area Under the Schemes	"	93.20	67.70	70.10	72.40	70.60	73.60
Area Under HYV Schemes	"	42.00	41.20	45.51	47.40	48.00	50.70

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	1989-90 Anticipated Achievement	Annual Plan 1990-91 Targets Proposed
1	2	3	4	5	6	7	8	9
9.	<u>Dryland/Rained Farming</u>							
a.	Development of Micro-watersheds(cummulative)							
i.	No. of micro-water sheds	No	20	12	16	20	20	4
ii.	Area covered under mirco-watersheds	'000 Ha	20.00	12.00	16.00	20.00	20.00	4.00
iii.	Land Development	"	0.60	0.59	1.20	1.20	1.50	0.40
iv.	Water harvesting/storage structures	No	20	8	16	20	20	4
b.	Area covered outside the selected micro-watersheds by rain-fed farming practices	'000 Ha	15.00	15.00	15.00	15.00	15.00	15.00
c.	Adoption of rainfed/dryland farming practices in & outside the selected mirco-watersheds							
i	Distribution of seed-cum-fertilisers drills	No	10	10	10	10	20	5

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Target	1989-90 Anticipated Achievement	Annual Plan 1990-91 Targets Proposed
1	2	3	4	5	6	7	8	9
ii.	Distribution of other improved agricultural tools & implements	No.	9,000	5,600	7,000	9,000	9,000	2,000
iii.	Distribution of chemical fertiliser	'000 Tonnes	1.50	0.26	0.65	0.70	0.70	0.20
iv	Distribution of improved seeds	"	0.30	0.15	0.10	0.30	0.30	0.30
10.	<u>Cropped areas</u> (Cumulative)							
a	Net	'000 Ha	105.00	96.80	97.80	102.20	99.60	101.00
b.	Gross	"	160.00	142.35	151.50	163.30	162.20	166.00
11.	<u>Storage</u>							
a	Owned Capacity with State Govt. (Cumulative)	'000 Tonnes	10.00	5.00	7.00	10.00	10.00	2.00
b.	Cold storage	No	1	-	1	-	-	-

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PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	Anticipated Achievement	Annual Plan 1990-91 Targets Proposed	
1	2	£ £	3	4	5	6	7	8	9
<u>SOIL/CONSERVATION SCHEME (L.U.)</u>									
	Soil Conservation in watershed area	'000 Hac.	33.500	9.58	15.433	2.550	2.550	3.616	
	Development of perennial Water sources	"	-	-	-	-	-	100	
	Survey and Investigation	Hac.	-	-	-	-	-	1430	
	Total	'000 Hac.	33.500	9.58	15.433	2.550	2.550	5.145	
		Km	-	-	40	-	15	40	

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-87 Achievement	1988-89 Achievement	1990-91 Targets	1990-91 Anticipated Achievement	Annual Plan 1990-91 Targets proposed.
1	2	3	4	5	6	7	8	9
<u>ANIMAL HUSBANDRY &amp; VETERINARY SERVICES</u>								
13.	Animal Husbandry & Dairy Products:							
a.	Milk	1000 Tonnes cum.	27.00	24.50	25.00	27.00	27.00	29.00
b.	Eggs	Millions no. cum	6.30	5.50	11.50	6.50	12.00	13.00
c.	Wool	1 lakh, kg. cum	0.30	0.27	0.28	0.29	0.30	0.31
14.	Animal Husbandry Programme:							
a.	No. of A.I. centres	Nos.	2	1	2	1	2	4
b.	No. of frozen semen station	"	1	2	1	2	1	2
c.	No. of insemination performed with exotic bull semen annually	(in lakh)	0.30	0.124	0.27	0.10	0.15	0.20
d.	Cross breed female animal	"	0.25	0.21	0.22	0.24	0.02	0.06

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-89 Achievement	1988-89 Achievement	1989-90 Targets	Anticipated Achievement	Annual Plan 1990-91 Targets proposed
1	2	3	4	5	6	7	8	9
e.	Establishment of sheep	Nos	3	3	3	3	3	2
f.	No. of broilers	in lakhs	0.75	0.60	0.70	0.75	0.18	0.50
g.	Sheep & wool extension centres	Nos	5	5	5	5	5	2
h.	Intensive egg & poultry production cum marketing centres	"	1	-	-	-	1	1
i.	Establishment of fodder seed production farm	"	5	3	4	5	5	7
j.	Veterinary Hospital (New)	"	10	9	11	-	12	13
k.	Vety. Dispensaries	"	25	25	25	25	25	27
l.	Stockman centres	"	64	36	45	55	55	60
m.	Fluid milk plants	"	2	2	2	2	2	2

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Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual Plan 1990-91 Targets proposed.
1	2	3	4	5	6	7	8	9
						Targets	Anticipated Achievement	
n.	Milk Products Factory (Cheese Factory)	Nos	1	-	-	-	1	1
o.	District Dairy Co-operation unions	"	1	1	1	1	1	1
15.	<u>Extension &amp; Training:</u>							
a.	Farmers to be imparted training	Nos.	470	415	480	500	500	500
b.	Stockmen to be trained	"	30	50	70	20	20	40
c.	Calf Rallies	"	50	30	42	15	10	16
d.	Exhibitions	"	36	30	30	30	5	16
e.	Farmers field days	"	60	40	40	40	10	16
f.	Livestock shows	"	3	1	1	1	1	2



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Sl. Item No.	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual Plan 1990-91 Targets Proposed	
1	2	3	4	5	6	7 Targets	8 Anticipated Achievement	9
g.	Stockman training in A.I.	Nos	42	36	40	42	10	40
h.	Screening of films	"	125	55	75	40	40	16
16.	Veterinary Services & Animal Health:							
a.	Cases treated	in lakhs	5.50	5.06	6.66	1.70	1.70	2.00
b.	Establishment of check post	Nos.	3	3	3	1	4	5
c.	Establishment of D.I. lab.	"	1	1	1	1	1	2
d.	Vaccination against anthrax H.S.Swin fever F.M.D.	in lakhs	3.75	1.25	2.55	1.35	1.35	1.00
e.	Vaccination against RD	"	5.00	3.75	4.75	5.00	5.00	2.00
f.	castration in pig, goats	"	0.20	0.12	0.15	0.18	0.18	0.06

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Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 Target Proposed
						Target	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
g.	Restriction of dogs	in lakhs	0.15	0.07	0.12	0.43	0.20	0.05
h.	A.R.V. vaccinations	"	0.20	0.07	0.12	0.15	0.15	0.06
i.	Mobile veterinary units	Nos	7	2	2	3	3	1
17.	<u>Investigation &amp; Statistics.</u>							
a.	14th Quinquennial live stock census	Nos.	1	1	1	-	1	-
b.	Production surveys	"	10	4	6	4	4	2
18.	<u>Cattle Development :</u>							
a.	Establishment of AI Sub- centres	Nos.	50	52	62	15	15	8
b.	Establishment of Heifer Farm	"	1	1	1	1	1	2
c.	Natural Services done	Nos.	0.20	0.13	0.13	0.025	0.025	0.03

## PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 Targets proposed
1	2	3	4	5	6	Targets	Anticipated Achievements	9
d.	Breeding Bull Distribution	Nos	-					
i.	New Allotment	"	150	231	241	15	15	20
ii.	Replacement of unserviceable bulls	"	100	100	100	100	100	5
iii.	Milch cow distributions	"	2000	450	800	500	600	400
19.	<u>Poultry Development</u>							
a.	Establishment of Poultry demonstration units:							
i.	At dispensary level	"	80	14	15	25	25	-
ii.	At farmer's level	"	500	300	400	500	500	200
b.	Distribution of birds to farmers	"	10,000	2,700	4,700	5,000	5,000	10,000

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 Targets Proposed
						Targets	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
c.	Establishment of duck rearing farm	No	2	1	2	-	-	2
d.	Chick to be hatched	Nos in lakh	7.50	3.65	5.00	4.50	4.50	2.00
e.	Demonstration unit of broilers	Nos	125	50	90	90	60	40
f.	Assistance for establishment of poultry units	Nos	200	75	150	200	200	90
20.	<u>Sheep &amp; Wool &amp; Goat Development</u>							
a.	Breeding bucks distribution	Nos	225	75	150	-	10	20
b.	Assistance for establishment of goatery units "		100	80	90	-	10	10
21.	<u>Piggery Development</u>							
a.	Breeding boar distribution	Nos	90	122	152	200	175	50
b.	Establishment of demonstration at farmer's level	Nos.	400	273	343	500	500	200

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Sl. No.	Item	Unit	Seventh plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	1989-90 Anticipated Achievement	Annual plan 1990-91 targets proposed
1	2	3	4	5	6	7	8	9
c.	Piglets to produce in forms for distribution:	Nos	2500	900	1600	800	800	100
d.	Assistance for establishment of piggery units by progressive farmers	Nos	200	60	95	100	100	100
22.	<u>Feed &amp; Fodder Development</u>							
a.	Establishment of fodder demonstration units	Nos	80	200	400	500	100	200
b.	Distribution of chaff cutters	Nos.	100	50	65	20	20	40
c.	Distribution of fodder plants/trees	Nos. in lakhs	90.00	47.79	82.79	45.00	45.00	40
d.	Distribution of Bun-milk	Kgs.	8000	4000	6000	7000	1000	-
e.	Distribution of fodder seeds	Tonnes	75	12.12	15	10.00	10	16
f.	Distribution of Mini kits	Nos	10,000	7,055	9,055	3000	3000	4000

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Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
						Targets	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
g.	Distribution of livestock feed	Tonnes	500	200	300	200	200	200
23.	<u>Meat Processing : (Slaughter House)</u>							
a.	Construction of modern slaughter house	Nos	1	-	-	-	1	1
b.	Slaughter house waste processing units	Nos	1	-	-	-	1	1
24.	<u>Diary Development</u>							
a.	Milk collection centres	Nos	50	28	40	20	20	12
b.	Distribution of milk canes	Nos.	800	775	775	50	50	40
c.	Distribution of cream separator	Nos	75	35	40	20	10	-

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Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1988-89		Annual plan 1990-91 targets proposed
						Targets	Anticipated Achievements	
1	2	3	4	5	6	7	8	9
28.	Fish seed farms: <u>water area:</u>	Nos	5	1	2	1	1	2
a.	Nursery	Hac.	2.0	0.20	2.00	0.80	0.2	0.5
b.	Rearing	"	2.0	0.60	1.19	1.00	0.1	1.00
	<u>Forestry</u>							
a.	Plantation of quick growing spices	Hac.	1250	352	532	400	400	350
b.	Economic & Commercial plant	"	4500	2112	2632	800	800	750
c.	Social forestry	Hac	6500	3745	5200	1600	1270	1700
d.	Afforstration induding plantation under various. CSS:							
i	Trees to be planted	No (Lakh)	-	1331.04	457	150	160	160
ii	Trees survived	"	-		-	-	-	-

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PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	1989-90 Anticipated Achievement	Annual plan 1990-91 targets proposed
1	2	3	4	5	6	7	8	9
30.	<u>Production of some selected Forest Produce</u>							
i	Timber	Cubic	-	12000	16500	4000	4000	4000
ii.	Fuelwood	"	-	19500	26500	7500	7500	8000
	<u>Co-operation Department</u>							
31	<u>Credit Societies</u>							
	No. of MPCs	Nos	-	-	-	-	-	1
	No. of viable societies	Nos	-	-	-	-	-	1
	Membership	Nos.	2854	-	300	-	200	1000



EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN-3  
PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 Targets proposed
1	2	3	4	5	6	Targets	Anticipated Achievement	9
	Membership belonging to weaker section	Nos.	1712	-	440	120	120	700
	Deposits	Rs. lakhs	-	-	-	-	-	4.00
<u>Loans Advance:</u>								
a.	Short term	"	100.00	17.89	27.89	35.52	22.00	20.00
b.	Medium term	"	75.00	-	3.00	5.00	5.00	15.00
c.	Long term	"	50.00	-	-	-	-	5.00
<u>Loans Recovery</u>								
a.	Short term	"	-	-	13.27	27.00	27.00	15.00
b.	Medium term	"	-	-	-	5.00	5.00	5.00
c.	Long term	"	-	-	-	-	-	-
	Value of consumer items distributed	"	500.00	-	535.00	250.00	250.00	250.00
	Value of agricultural inputs distributed	"	10.00	-	38.00	12.00	12.00	15.00

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN 3  
PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 Targets proposed
						Targets	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
<b>32. <u>Consumer Cooperatives</u> :</b>								
	No. of Societies	Nos	50	-	29	8	8	-
	No. of viable societies	"	-	-	-	-	-	-
	Membership	"	3146	-	2878	300	300	500
	Membership belonging to weaker section	"	1887	-	1295	180	180	275
	Value of consumer items handled	Rs. lakhs	500.00	-	458.60	250	250	300
<b>33. <u>Processing Cooperatives</u></b>								
	No. of societies	Nos	-	-	-	1	1	1
	Membership	Nos.	-	-	-	15	15	20
	Business turnover	Rs. lakhs	-	-	-	1.00	1.00	3.00

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. Item No.	Unit	Seventh plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed	
1	2	3	4	5	6	7	8	9
					Targets	Anticipated Achievement		
34	<u>Storage Cooperatives</u>							
	Total No. of shop-cum-godown	Nos	-	7	2	2		2
	Building/capacity created	M.T.	4000	250	400	100	100	100
35.	<u>Training and Education</u>							
	Training centres to be established	Nos.	-	-	-	-	-	1
	Training of officers	Nos.	6	-	6	5	5	5
	Field officer (Inspector/auditors)	Nos.	21	-	21	9	9	6
	Office bearer of the Societies	Nos.	138	-	138	40	40	20
	Member/Farmers Education programme	Nos.	222	-	222	50	50	250
	Organisation of workshop/seminars etc.	Nos.	5	-	5	1	1	1
	Distribution of Printed materials	Nos.	-	-	-	-	-	0.10

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN 3  
PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. Item No.	Unit	Seventh plan (1985-90) Target	1985-88 Achieve- ment	1988-89 Achieve- ment	1989-90		Annual plan 1990-91 targets proposed	
					Targets	Anticipated Achievement		
1	2	3	4	5	6	7	8	9
<b>36. <u>Other Cooperatives</u></b>								
Weavers	Nos.	-	-	1	-	-	-	2
Blacksmithy	"	-	-	1	-	-	-	1
Transport	"	-	-	-	-	-	-	1
Floriculture	"	-	-	1	1	1	1	1
Others	"	-	-	2	-	-	-	1
Total membership	"	500	-	90	35	35	-	2
<b>37. <u>Dairy Cooperatives</u></b>								
No. of Primary Milk Society	"	40	-	11	17	17	-	10
Membership	"	3500	-	886	400	400	-	300
Membership belonging to weaker section	"	2100	-	531	240	240	-	180

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91      STATEMENT GN 3  
PHYSICAL TARGETS AND ACHIEVEMENTS

1. Item	Unit	Seventh plan (1985-90) Target	1985-88 Achieve- ment	1988-89 Achieve- ment	1989-90 Targets	1989-90 Anticipated Achievement	Annual plan 1990-91 Targets proposed
2	3	4	5	6	7	8	9
Quantity of Milk Collection	Lakh itrs	91.25		65.60	16.50	16.50	18.25
Quantity of milk sales	"	164.25		114.87	22.00	22.00	24.00
Construction of cattle feed godown	Nos	-	-	-	-	-	-
Milching cow distribution	Nos	-		50	50	50	50
Construction of milk collection cum testing sheds	Nos	10		8	2	2	10
Establishment of milk chilling plant LPD	Nos.	-	-	-	-	-	10
Training of farmers	Nos	-	-	150	50	50	100
Training of societies personnel	Nos.	-		35	15	15	20
Cattlefeed distribution by Sikkim Cooperative milk union	Rs. lakhs	-		31.52	12.60	12.60	10.00

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN 3

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 Targets proposed
1	2	3	4	5	6	7	8	9
						Targets	Anticipated Achievement	
38	<u>Marketing of Agricultural produce.</u>							
	By State Marketing Federation and Multipurpose Co-op. Societies	Rs. lakhs	400.00	55.18	76.19	3850.00	55.00	100.00
39.	Procurement and distribution of fertiliser by SIMFED.	"	10.00	-	51.10	75.00	75.00	75.00
40.	Cattlefeed procurement and distribution by, SIMFED.	"	-	-	14.00	5.00	5.00	7.00
41	<u>Whole Sale Business by SIMFED</u>							
	Rapeseed Oil	"	-	-	50.53	20.00	20.00	20.00
	Palm oil	"	-	-	30.62	-	-	30.00
	Mustard oil	"	-	-	17.34	12.00	12.00	15.00
	Pulses	"	-	-	3.59	2.00	2.00	3.00

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN 3  
PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. Item No.	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed	
					Targets	Anticipated Achievement		
1	2	3	4	5	6	7	8	9
<u>'RURAL DEVELOPMENT'</u>								
42. <u>IRDP</u>								
i	Beneficiaries identified	Nos families	20,000	7080	11,000	2,000	2,000	2,500
ii	Beneficiaries assisted	"	24,000		11,000	2,000	2,000	2,500
iii	Beneficiaries SC/ST	"	7,200					
iv	Youth trained	Nos.	1,600		867	160	160	270
43 <u>DWCRA</u>								
	Group organised	Nos.	70		66	10	10	10
<u>NREP</u>								
i.	Employment generated	Lac. mandays	10	9.81	14.61	3.00	Programme discontinued	
ii.	Jawahar Rojgar Yojana community Development & Panchayat ghar.	"				5.30	5.30	6.00

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91      STATEMENT-GN-3  
PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
1	2	3	4	5	6	Targets	Anticipated Achievement	7
i.	Panchayat Ghar	Nos	7	5	5	1	1	-
ii.	Zilla Parishad Bhawan	"	2	-	1	1	1	1
iii.	State Panchayat Bhawan	"	-	-	-	-	-	-
44.	Rural Water Supply(MNP)	Nos. of villages	337	141	193	68	70	20 PC to FC. 30 Augumented
	Population covered	Nos lakhs	0.76		0.73	0.24	0.24	0.23
	Rural Bridges	Nos.	368	174	239	65	65	4 SED 10 RCC 15 STEEL
45.	<u>Rural Sanitation</u>							
i.	No. of household latrines	Nos.	7480		5903	26.20	26.20	2500
ii.	Institutional/community latrines	Nos	-	-	-	-	-	20



PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh Plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
1	2	3	4	5	6	Targets	Anticipated Achievement	9
iii	Soakage pits	Nos	-	-	-	-	-	2500
iv	Bathing cubicles	Nos	-	-	-	-	-	15
46.	<u>Land Reforms</u>							
	Circles	Nos	54		54			1
	Maintainance of land records	Nos. of villages	411		411		-	-
47.	<u>Minor Irrigation</u>							
1	Surface potential	'000 Hec.	8.00	4.048	5.313	1.50	1.450	1.00
2.	Surface utilisation	"	6.00	3.527	7.621	1.30	1.250	0.90
48.	<u>Flood control</u>							
1	Length of embankment	Kms	5.00	2.61	2.61	0.90	0.75	0.50

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Target	Anticipated Achievement	Annual plan 1990-91 targets proposed
1	2	3	4	5	6	7	8	9
	<u>"POWER"</u>							
48	<u>Generation installed capacity</u>							
1	Lower Lagyap Hydel Project	MW	12.00	-	-	-	-	-
2.	Jali Power house	MW	2.50	-	-	-	Cumulative as on 31.3.1985.	-
3.	Rimbi Power house	MW	0.60	-	-	-	-	-
4.	Diesel Power house, Gangtok	MW	1.70	-	-	-	-	-
5.	Diesel Power house, Ranipool	MW	1.00	-	-	-	-	-
6.	Rongichu Hydel, Stage II	MW	2.50	-	2.50	-	-	-
7.	Rimbi Hydel, Stage II	MW	1.00	-	1.00	-	-	-
8.	Mayongchu Hydel project	MW	-	-	-	-	-	4.00

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PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
1	2	3	4	5	6	Targets	Anticipated Achievement	9
9.	Upper Rongichu Hydel project	MW	-	-	-	-	-	-
10.	Kalez Hydel Scheme	MW	-	-	-	-	-	-
11.	Lachung Micro Hydel scheme	MW	-	-	-	-	-	0.20
12.	Purey Khola Hydel scheme	MW	-	-	-	-	-	-
i.	Total Installed capacity	MW	21.30		3.50			4.20
ii.	Electricity generated	MKWH	200.50	103.7	139.45	41.05	41.05	45.00
iii.	Electricity sold	MKWH	132.20	77.05	102.73	32.10	130.75	35.00
50.	<u>Transmission Works</u>							
i	66 KV. Transmission lines	KM	50	-	-	10	50	-

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-87) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
1	2	3	4	5	6	Targets	Anticipated Achievement	9
2.	132 KV Transmission lines	KMS	-	-	-	-	-	-
3.	66/II KV sub-station	MV	15.00	-	-	5	15	-
4.	132/66 KV sub-station	MVA	-	-	-	-	-	-
51.	<u>Distribution:</u>							
1.	II KV lines	KM	310	165	230	80	40	50
2.	II/043 KV sub-station	KVA	8500	1300	6700	300	800	1200
3.	L.T.lines	KM	320	146	240	100	45	40
4.	System improved scheme	Town/Bazar	6		5	1	1	2

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
						Targets	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
52	<u>Rural Electrification</u>							
1	Village electrified	Nos	167	109	144	38	35	37
2.	Intensification works	Nos	70		65		15	45
3.	System improved works							
	a. 66 KV lines	KM	-	-	-	-	-	-
	b. 66/11 KV Sub-Station	MUA	-	-	-	-	-	-
53	<u>N.R.S.E.</u>							
a)	Bio-Gas	Nos	185	90	230	150	50	150
b)	Bio-Mass	Hec	200	80	80	80	100	50
c)	Improved chulla	Nos	18,000	6202	11,445	5000	4000	5000

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
						Targets	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
d)	Solar thermal energy	Nos	167	47	62	36	30	35
e)	Solar photo-voltaic	Nos	113	33	70	40	20	25
f)	Wind energy	Nos.	10	2	4	2	2	-
<u>"INDUSTRIES"</u>								
a)	Units functioning	Nos	300	107	157	40	30	57
b)	Production(Amount)	Rs. in lacs. 1000	830	830	950	40	250	350
c)	Persons employed	Nos	6000	2185	2580	800	405	950
<u>55. Industrial Estate</u>								
a)	Area functioning	Nos	4	6	2	3	2	2

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN 3

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No	Item	Unit	Seventh plan : (1985-90) Target	1985-88 Achieve-ment	1988-89 Achieve-ment	1989-90		Annual plan 1990-91 targets proposed
						Targets	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
b)	Production (Amount)	Rs in lacs	120	330	380	160	60	150
c)	No. of units	Nos	10	28	11	15	4	10
d)	Employment	Nos	50	180	100	100	40	50
56. <u>District Industries Centre</u>								
a. <u>East</u>								
i)	No. of units assisted	Nos	100	40	70	50	20	20
ii)	No of person employed	Nos.	2000	-	1300	500	400	500
iii)	Production (Amount)	Rs. in lac.	1000	-	550	300	250	200
iv)	No. of artisan assisted	Nos.	150	110	75	30	25	20
v)	Enterprenurship Develop-ment programme	Nos	100		40	30	25	20

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
1	2	3	4	5	6	Targets	Anticipated Achievement	9
<b>b. North</b>								
i	No. of units assisted	Nos	25	10	15	10	7	10
ii	No. of persons employed	Nos	200	150	155	40	30	50
iii	Production (Amount)	Rs in lacs.	200	20	30	20	10	40
iv	No of Artisans assisted	Nos	100	80	110	50	40	50
v.	Entrepreneurship Development programmes	Nos	100	60	75	30	25	20
<b>South</b>								
i	No. of units assisted	Nos	50	20	25	20	15	12
ii	No. of person employed	Nos	700	625	700	150	100	280



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PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
1	2	3	4	5	6	Target	Anticipated Achievement	9
iii	Production(Amount)	Rs. in lacs	200		150	80	70	70
iv	No. of artisans assisted	Nos	100		40	30	20	20
v.	Entrepreneurship development programmes	Nos	75		80	25	20	20
d.	<u>West</u> :							
i.	No. of units assisted	Nos	25		20	85	5	8
ii	No of person employed	Nos	300		250	50	50	120
iii	Production (Amount)	Rs. in lacs	150		100	35	30	40
iv	No. of artisans assisted	Nos	100		60	25	20	25
v.	Entrepreneurship develop ment programme	Nos	100		70	30	30	20

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PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-91		Annual plan 1990-91 targets proposed
						Targets	Anticipated Achievement	
1		3	4	5	6	7	8	9
57	<u>KHADI</u>							
	<u>Cotton</u>							
	Production	Rs. lacs	25.00	12.33	13.00	5.00	7.40	7.50
	Employment	Nos	650	230	320	100	75	100
	<u>Woolen</u>							
	Production	Rs. lacs	25.00	4.51	6.00	3.00	5.00	7.50
	Employment	Nos	245	100	120	55	25	50
	Total target production	Rs. lacs	50.00	16.84	19.00	15.00	12.00	15.00
	Employment	Nos.	895	330	440	155	100	150
58	<u>Village Industries</u>							
	<u>Handmade paper Industry:</u>							
	Production	Rs. lacs	25.00	0.26	2.00	2.00	3.00	5.00

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PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
1	2	3	4	5	6	Targets	Anticipated Achievement	9
	Fibre - Production	Rs. lacs	1.00	-	-	0.50	0.50	0.75
	Leather- Production	Rs. lacs	10.00	0.60	0.60	1.00	0.50	1.25
	Cane & Bamboo- Production	Rs. lacs	60.00	13.00	18.00	8.00	5.00	10.00
	Beekeeping- Production	"	10.00	6.06	9.00	3.55	3.00	4.00
	Processing of cereals & pulses	"	30.00	8.30	12.00	4.50	4.00	5.00
	Carpentry & Blacksmithy	"	40.00	8.00	4.00	5.00	5.00	5.00
	Gobar Gas Units	Nos	110	20	6	10	10	-
	Fruit Preservation Factory Production	Rs. lacs	3.00	2.75	-	2.00	-	-
	Village Oil	"	5.00	-	-	-	1.00	2.00

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PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achieve-ment	1988-89 Achieve-ment	1989-90		Annual plan 1990-91 targets proposed
						Targets	Anticipated Achievements	
1	2	3	4	5	6	7	8	9
	Lime Industry	Rs lacs	-	2.21	-	3.00	1.00	2.00
	NEO Soap- Production	"	-	-	-	1.50	2.00	-
59.	<u>Government Institute of Cottage Industries</u>							
a)	Training centre	Nos	8	3	8	1	8	10
b)	Trainees (Gangtok)	"	250	485	195	175	154	50
c)	Paid Workers	"	175	632	175	250	200	325
d)	FLO Beneficiaries	"	690	1323	690	550	800	850
e)	Production of Handi- crafts	Rs. lacs	75.00	46.48	68.00	20.00	25.00	25.00
f)	Sale	"	80.00	34.58	48.00	14.00	20.00	20.00

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
						Targets	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
g	F.L.O. Units	Nos	10	5	10	3	10	11
h	Trainees (Brand Centres)	Rs. lacs	300	523	175	340	262	360
	<u>Road Transport</u>							
60	<u>Road Transport :</u>							
	i. Augumentation of fleet							
a.	Buses	Nos.	-	18	132	20	20	10
b.	Trucks & Tankers	Nos.	-	44	200	10	10	12
	ii. Replacement							
a.	Buses	Nos	-	18	15	20	15	29
b.	Trunks & Tankers	Nos	-				8	67
c.	No. of passangers	No in lakhs	6.5	8.17	10.00	9.50	12.00	23.00
d.	Goods Tonnage lifted	Tonne/ lakhs	1.5	1.77	2.00	2.00	2.30	2.69

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
1	2	3	4	5	6	Targets	Anticipated Achievement	9

SIKKIM PUBLIC WORKS DEPARTMENT(Roads & Bridges)61. 1. Roadstate Highway

a. Surfaced	Kms	217.00	191.00	217.00	217.00	217.00	217.00
b. Unsurfaced	Kms	8.00	8.00	8.00	8.00	8.00	8.00
c. Total	Kms	225.00	199.00	225.00	225.00	225.00	225.00

62. 2. Major District Road

a. Surfaced	Kms	296.00	253.00	253.00	253.00	263.00	277.00
b. Unsurfaced	Kms	148.00	193.00	193.00	193.00	163.00	169.00
c. Total	Kms	444.00	446.00	446.00	446.00	446.00	446.00

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PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
1	2	3	4	5	6	Targets	Anticipated Achievement	9
63.	<u>3. Other District Road</u>							
	a. Surfaced	Kms	247.00	111.00	114.00	122.00	145.00	192.00
	b. Unsurfaced	Kms	539.00	623.00	657.00	671.00	640.00	611.00
	Total	Kms	786.00	734.00	771.00	793.00	785.00	803.00
	Total Road.	Kms	1455.00	1404.00	1442.00	1464.00	1456.00	1474.00
	<u>"TOURISM"</u>							
64.	<u>Tourist Arrivals</u>							
	a. International	Nos.	10,000	5,592	7,476	2,500	10,000	10,000
	b. Domestic	Nos.	50,000	30,986	69,090	35,000	80,000	70,000

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN 3

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
						Targets	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
65.	<u>Tourist Accomodation</u>							
a.	Rooms	Nos	800	424	450	440	1,000	450
b.	Beds	Nos	1500	1100	1200	1200	1,750	1200
66.	<u>Food and Civil supplies</u>							
	Construction of Go-downs	M.T.	1500	1000	1000	500	500	1000
67.	<u>Elementary Education</u>							
	Classes I-V (Age group 6-11)							
	<b>i) Total Enrolments :</b>							
a)	Boys	Nos	35,000	34,430	34,373	33,500	38,500	39,500
b)	Girls	Nos.	26,000	27,830	28,544	27,500	31,500	32,500
c)	Total	Nos	61,000	62,260	62,917	61,000	70,000	72,000



EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN 3

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
						Targets	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
ii	<u>Percentage to age group</u>							
	a) Boys	%	121.11	133.45	128.26	120.50	138.49	136.68
	b) Girls	%	91.87	110.44	108.95	101.10	115.81	114.84
	c) Total	%	106.83	122.08	118.71	110.90	127.27	126.09
iii.	<u>Enrolement of Schedule Caste:</u>							
	a) Boys	Nos	19,000	2,022	2,025	1,960	2,200	2,250
	b) Girls	Nos	15,000	1,708	1,740	1,700	1,800	1,850
	c) Total	Nos	3,400	3,730	3,765	3,660	4,000	4,100

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN 3

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	1989-90 Anticipated Achievement	Annual plan 1990-91 targets proposed
1	2	3	4	5	6	7	8	9
iv	Percentage to age-group:							
a)	Boys	%	118.75	141.40	126.17	127.27	129.41	130.05
b)	Girls	%	87.72	111.63	118.77	103.03	120.00	117.09
c)	Total	%	102.72	126.01	122.64	114.73	125.00	123.87
v.	<u>Enrolement of Schedule Tribe :</u>							
a)	Boys	Nos	7600	7363	7378	7200	8300	8500
b)	Girls	Nos	6200	6077	6218	6000	6800	7000
c)	Total	Nos	13,800	13,440	13,596	13,200	15,100	15,500

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN 3

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	1989-90 Anticipated Achievement	Annual plan 1990-91 targets proposed
1	2	3	4	5	6	7	8	9
vi	Percentage of age-group							
	a) Boys	%	118.20	128.95	114.92	116.69	124.87	122.48
	b) Girls	%	89.34	98.02	104.33	89.82	110.57	108.86
	c) Total	%	103.22	112.01	109.82	102.72	117.97	115.93
	Classes VI - VIII ( 11 to 14)							
i.	Total enrolment							
	a) Boys	Nos	11,000	8918	8356	8,800	8,800	9,600
	b) Girls	Nos	7,000	6958	6,870	7,200	7,200	7,900
	c) Total	Nos	18,000	15,876	15,226	16,000	16,000	17,500

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 target proposed
						Targets	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
ii	Percentage of age-group :							
	a) Boys	%	68.32	61.50	55.71	56.41	56.41	59.68
	b) Girls	%	46.36	51.54	49.07	49.31	49.07	52.32
	c) Total	%	57.69	56.70	52.50	52.98	52.98	56.09
iii.	Enrolment of Schedule Caste :							
	a) Boys	Nos	600	379	362	380	380	425
	b) Girls	Nos	400	313	308	320	320	350
	c) Total	Nos	1,000	692	670	700	700	775
iv	Percentage to age-group							
	a) Boys	%	67.42	47.08	43.35	44.19	44.19	45.21

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN 3

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	1989-90 Anticipated Achievement	Annual plan 1990-91 target proposed
1	2	3	4	5	6	7	8	9
	b) Girls	%	43.73	38.17	36.23	36.16	36.16	40.70
	c) Total	%	52.49	42.58	39.71	40.11	40.11	43.05
v. Enrolment of Schedule Tribes:								
	a) Boys	Nos	2,600	1,882	1,752	1,800	1,800	2,150
	b) Girls	Nos	1,600	1,711	1,689	1,700	1,700	1,800
	c) Total	Nos	4,200	3,593	3,441	3,500	3,500	3,950
vi. Percentage to age-group								
	a) Boys	%	74.07	58.27	52.61	52.17	52.17	57.03
	b) Girls	%	43.01	51.38	48.82	47.35	47.35	51.57
	c) Total	%	58.09	54.77	50.68	49.72	49.72	54.41

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN 3

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	1989-90 Anticipated Achievements	Annual plan 1990-91 targets proposed
1	2	3	4	5	6	7	8	9
68	<u>Secondary Education</u>							
	a) Boys	Nos	5,400	2,624	3,132	3,150	3,150	3,800
	b) Girls	Nos	3,600	1,521	2,007	2,050	2,050	2,600
	c) Total	Nos	9,000	4,145	5,139	5,200	5,200	6,400
II	<u>Classes XI-XII</u>							
	a) Boys	Nos	1,600	817	1,057	850	1,050	1,700
	b) Girls	Nos	900	349	433	400	450	700
	c) Total	Nos	2,500	1,166	1,490	1,250	1500	2,400
69	<u>Enrolement in Vocational:</u>							
	i Post Elementary Stage:							

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990-91 STATEMENT GN 3

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) target	1985-88 Achievement	1988-89 Achievement	1989-90		Annual plan 1990-91 targets proposed
						Targets	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
	a) Boys	Nos	-	179	160	250	250	150
	b) Girls	Nos	-	95	85	90	90	80
2. Post High School stage :								
	a. Total	Nos	150	27	16	75	75	80
	b. Girls	Nos	50	27	16	30	30	25
70	Enrolment in Non-formal Education							
	i) Age-Group 6-11							
	a) Total	Nos	6,000	1,015	250	300	300	800
	b) Girls	Nos	2,400	385	100	125	125	320
	ii. Age-group 11-13							
	a) Total	Nos	9,000	1,545	500	750	750	1,000

PHYSICAL TARGETS AND ACHIEVEMENTS

Sl. No.	Item	Unit	Seventh plan (1985-90) Target	1985-88 Achievement	1988-89 Achievement	1989-90 Targets	1989-90 Anticipated Achievement	Annual plan 1990-91 targets proposed
1	2	3	4	5	6	7	8	9
6)	Girls	Nos	2,700	503	200	300	300	400
71	<u>Adult Education</u>							
	a. Number of participants	Nos	75,000	32,868	5,559	7,000	7,000	7,200
	b. Number of centres :							
	i. Central programme	Nos	800	306	306	400	400	550
	ii. State programme	Nos	200	54	54	100	100	100
72	<u>Teachers</u>							
	i. Primary stage (Class I-V)	Nos	4830	4,004	4,049	4,100	4,100	4,189
	ii. Middle stage (Classes VI-VIII)	Nos	1360	949	949	960	960	1009
	iii. Secondary Stage (Classes IX-X)	Nos	345	584	584	600	600	659
	iv. Senior Secondary Stage	Nos	240	156	157	170	170	211
	Total		6,775	5,693	5,738	5,830	5,830	6,068



PHYSICAL TARGETS AND ACHIEVEMENTS

<u>Sl. No.</u>	<u>Item</u>	<u>Unit</u>	<u>Seventh Plan (1985-90) Target</u>	<u>1985-88 Achieve-ment.</u>	<u>1988-89 Achieve-ment.</u>	<u>1989 - 90 Targets</u>	<u>Anticipa- ted Achie- vements</u>	<u>Annual Plan 1990 - 91 Targets Proposed.</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	<u>"MEDICAL AND PUBLIC HEALTH"</u>							
73.	<u>HEALTH &amp; FAMILY WELFARE :</u>							
	<u>RURAL HEALTH :</u>							
	(a) Sub Centres	No.	50	40	45	5	5	2
	(b) PHCs	No.	2	2	2	-	-	1
	(c) Subsidiary Health Centre	Nos.	-	-	-	-	-	-
	(d) Community Health Centre	Nos.	4	2	2	2	2	1
74.	<u>FAMILY WELFARE :</u>							
	(a) Rural Family Welfare Centres.	Nos.	2	2	2	-	-	-
	(b) Post Partum Centres	Nos.	1	-	-	-	-	-
75.	<u>FAMILY WELFARE :</u>							
	(a) Rural Family Welfare Centre	Nos.	2	-	2	-	-	-
	(b) Family Welfare Programmes	Nos.	-	-	-	-	-	-

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990 - 91

Statement : GN - 3

PHYSICAL TARGETS AND ACHIEVEMENTS

<u>Sl. No.</u>	<u>Item</u>	<u>Unit</u>	<u>Seventh Plan (1985-90) Target.</u>	<u>1985-88 Achievement.</u>	<u>1988-89 Achievement.</u>	<u>1989 - 90 Targets</u>	<u>Anticipated Achievements</u>	<u>Annual Plan 1990 - 91 Targets Proposed.</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	(i) Sterilisation	Nos.	4900	-	3729	1100	1100	1000
	(ii) I.U.D.	Nos.	7300	-	4576	4000	1700	1300
	(iii) Oral Pills	Nos.	9700	-	4472	2500	2200	1300
	(iv) C.C. Users	Nos.	2700	-	2086	700	600	800
76.	<u>PREVENTION AND CONTROL :</u>							
	(a) T.B. Programme :							
	(i) No. of cases detected	Nos.	10000	-	5853	1500	1200	1200
	(ii) No. of cases treated	Nos.	-	-	5853	1500	1200	1200
	(iii) Sputum Examination	Nos.	50000	-	2306	5000	4500	4500
	(b) Leprosy Eradication :							
	(i) New case detection	Nos.	500	-	229	156	100	100
	(ii) Cases put under treatment	Nos.	500	-	229	150	100	100
	(iii) Cases discharged	Nos.	100	-	74	50	30	30
	(c) Control of Blindness :							
	Cataract operation	Nos.	500	250	357	160	100	100

PHYSICAL TARGETS AND ACHIEVEMENTS

<u>Sl. No.</u>	<u>Item</u>	<u>Unit</u>	<u>Seventh Plan (1985-90) Target</u>	<u>1985-88 Achievement</u>	<u>1988-89 Achievement</u>	<u>1989 - 90 Targets</u>	<u>Anticipated Achievements</u>	<u>Annual Plan 1990-91 Targets Proposed</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
77.	<u>WATER SUPPLY &amp; HOUSING</u> :							
	<u>URBAN DEVELOPMENT</u> :							
	(i) Environmental Improvement of Schemes.	Nos.	20,000	15,300	20,300	5000	5000	3347
	(ii) Rural Water Supply Schemes	Nos. of villages	338	174	193	65	70	20 pc to FC 30 Augmented.
	(iii) Population covered	No. lakhs	0.76	1.	0.73	0.25	0.24	0.23
	(iv) Rural Sanitation household latrine	Nos.	7,480	3,233	5,903	2520	2620	2500
	(v) Institutional	Nos.	-	-	-	-	-	20
	(vi) Soakage Pits	Nos.	-	-	-	-	-	2500
	(vii) Bathing Cubicles	Nos.	-	-	-	-	-	15
	(viii) Social Housing	No. of families	500	405	605	300	200	100
	(ix) State Housing Boards Construction (implementation of Master Plan/others Bazars)	Nos.	-	-	-	-	-	-
	(x) I.D.S.M.T.	No. of towns	2	2	2	2	2	2

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN 1990 - 91

Statement : GN - 3

PHYSICAL TARGETS AND ACHIEVEMENTS

<u>Sl. No.</u>	<u>Item</u>	<u>Unit</u>	<u>Seventh Plan (1985-90) Target</u>	<u>1985-88 Achievement</u>	<u>1988-89 Achievement</u>	<u>&amp; 1989 Targets</u>	<u>1989 - 90 Anticipated Achievements</u>	<u>Annual Plan 1990-91 Targets Proposed</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>SCHEDULE CASTE &amp; SCHEDULE TRIBE :</u>								
78.	<u>Schedule Tribes :</u>							
	(i) Economic Grants to families	Nos.	210	138	138	50	50	52
	(ii) Education(Scholarship to students)	Nos.	5800	2937	2937	1100	1100	3300
	(iii) Vocational Facilities(Centres)	Nos.	5	5	5	-	-	-
79.	<u>Schedule Tribes :</u>							
	(i) Economic Grant to Families	Nos.	194	89	89	100	100	104
	(ii) Education(Scholarship to students)	Nos.	7650	3596	3596	1576	1576	4934
	(iii) Tribal Area Programme (villages to be taken up)	Nos.	-	-	-	-	-	1
	(iv) No. of households covered	Nos.	-	-	-	-	-	55
80.	<u>NUTRITION :</u>							
	(a) Beneficiaries SNP in ICDS :							
	(i) Children 0-6 years.	Nos.	55000	26500	68480	11500	21771	-
	(ii) Women	Nos.	20000	9564	17034	4200	4149	41858

PHYSICAL TARGETS AND ACHIEVEMENTS

<u>Sl. No.</u>	<u>Item</u>	<u>Unit</u>	<u>Seventh Plan (1985-90) Target</u>	<u>1985-88 Achievement</u>	<u>1988-89 Achievement</u>	<u>1989 - 90 Targets</u>	<u>Anticipated Achievements</u>	<u>Annual Plan 1990-91 Targets Proposed</u>
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	(b) Beneficiaries under SNP :							
	(i) Outside ICDS (Creches & BAP)	Nos.	65000	23500	4679	13650	-	-
	(ii) Pre Primary School Children 3-6 years	Nos.	-	-	14235	-	-	-
	(iii) Women Beneficiaries under MDM Programme	Nos.	350000	173291	223291	70350	52466	52020

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN  
1990-91 CENTRALLY SPONSORED SCHEMES

Statement - GN - 6  
(Rs. in lakhs)

Name of Scheme	Central/State Sector	Pattern of sharing Expenditure (i.e. 50:50 100% etc.)	Seventh Plan Outlay (1985-90)	Actual Expenditure 1989-90				Allo- cation	Anti- cipat- ed Exp.	Annual Plan 1990-91 Proposed Outlay
				1985-86	1986-87	1987-88	1988-89			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<b>A. AGRICULTURE</b>										
1. Strengthening of State Seed Testing Laboratory & Seed Certification,	Central	100%	8.00	5.62	2.00	2.00	2.00	-	=	-
2. National Oil Seed Development Programme	Central/State	50:50	15.00	1.93	3.16	3.83	3.95	4.00	4.00	5.00
3. Intensive Pulses Development Programme	Central/State	50:50	15.00	2.71	1.62	0.33	0.20	0.40	0.40	2.00
4. PMS Programme for small & Marginal Farmers	Central, State	50:50	40.00	9.90	4.95	6.30	4.75	10.00	10.00	10.00
5. ICAR Maize Programme	Central/State	75:25	5.00	0.51	0.94	0.73	0.90	-	-	-
6. Agricultural Census Programme	Central	100%	15.00	1.55	3.99	4.00	6.00	6.00	6.00	8.00
7. National Grid of Rural Godowns	Central/State	50:50	10.00	3.58	3.79	4.00	4.08	8.00	8.00	12.00
8. Minikit Programme of Rice	Central	100%	20.00	1.41	0.24	0.13	0.13	0.14	0.14	0.25
9. Demonstration of Intensive Cultivation in Maize in SC/ST areas	Central	100%	-	-	0.12	0.16	0.49	0.41	0.41	0.75







Name of Scheme	Central/State Sector	Pattern of sharing expenditure (i.e. 50:50 100% etc.)	Seventh Plan Outlay (1985-90)	Actual Expenditure 1985-90				Allotment	Anti-cipated Exp.	Annual Plan 1990-91 Proposed Outlay
				1985-86	1986-87	1987-88	1988-89			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<b>B. ANIMAL HUSBANDRY</b>										
1. Control of Food & Mouth Disease	Central/State	50:50	5.50	0.89	-	1.70	1.30	1.13	1.13	7.50
2. Rinderpest Surveillance	Central/State	50:50	5.50	0.87	0.85	0.85	0.85	1.00	1.00	1.00
3. Animal Disease Surveillance	Central/State	50:50	2.00	0.40	0.40	0.40	0.40	0.50	0.50	0.50
4. Control of Pullorum Disease	Central/State	50:50	3.00	0.25	0.30	0.30	0.30	0.35	0.35	0.25
5. Special Livestock Production Programme	Central/State	50:50	-	-	-	-	-	-	-	-
6. Livestock Survey & Investigation	Central/State	50:50	1.40	-	0.50	1.00	0.30	1.90	1.90	0.50
7. State Veterinary Council	Central/State	50:50	1.40	-	-	0.50	0.75	-	-	-
8. Cross Breeding of cattle with exotic dairy breeds in non-flood areas	Central	100%	23.77	-	22.04	8.00	-	-	-	5.00
9. Equine Breeding	Central/State	50:50	-	-	-	-	0.50	0.50	0.50	5.00
10. Rabies Control	Central/State	50:50	-	-	-	-	3.00	3.00	3.00	2.00
11. Yak Breeding	"	50:50	-	-	-	-	0.50	1.00	1.00	5.00



EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
CENTRALLY SPONSORED SCHEMES

STATEMENT:GN-6  
RS. IN LAKHS

Name of Scheme	Central/State Sector	Pattern of sharing Expenditure (8.e.50:50 100% etc.)	7th Plan Outlay 1985-90	ACTUAL EXPENDITURE 1989-90				Allc- cated on	Anti- ci- pated Exp.	Annual Plan 1990-91 Proposed Outlay
				1985-86	1986-87	1987-88	1988-89			
E. Rural Development										
1. ARWSS	Central	100%	250.00	410.86	374.95	372.37	358.00	360.00	360.00	350.00
2. NREP	Central/State	50:50	50.00	22.20	21.55	20.00	35.00	35.00	35.00	-
3. IRDP	Central/State	50:50	100.00	13.53	19.00	20.62	23.00	20.00	20.00	20.00
4. Jawahar Rojgar Yojana	Central/State	80:20	-	-	-	-	-	200.00	200.00	200.00
5. RLEGP	Central	100%	-	27.28	40.15	47.30	90.00	-	-	-
6. State Institute of Education	Rural Central	100%	-	-	-	30.00	20.00	-	-	-
7. Central Rural Programme Sanitation	Central	100%	-	-	10.66	9.94	20.00	20.00	20.00	10.00
8. Technology Mission of Drinking water	Central	100%	-	-	-	60.00	50.40	50.00	20.00	20.00



EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91  
CENTRALLY SPONSORED SCHEMES

STATEMENT:GN-6  
RS. IN LAKHS

Name of Scheme	Central/State Sector	Pattern of sharing Expenditure (8.e.50:50 100% etc.)	7th Plan Outlay 1985-90	ACTUAL EXPENDITURE 1989-90				Allc- cated on	Anti- ci- pated Exp.	Annual Plan 1990-91 Proposed Outlay
				1985-86	1986-87	1987-88	1988-89			
E. Rural Development										
1. ARWSS	Central	100%	850.00	410.86	374.95	572.37	358.00	360.00	360.00	350.00
2. NREP	Central/State	50:50	50.00	22.20	21.55	20.00	35.00	35.00	35.00	-
3. IRDP	Central/State	50:50	100.00	13.53	19.00	20.52	23.00	20.00	20.00	20.00
4. Jawahar Rojgar Yojana	Central/State	80:20	-	-	-	-	-	200.00	200.00	200.00
5. RLEGP	Central	100%	-	27.28	40.15	47.30	90.00	-	-	-
6. State Institute of Education	Rural Central	100%	-	-	-	30.00	20.00	-	-	-
7. Central Rural Programme Sanitation	Central	100%	-	-	10.66	9.94	20.00	20.00	20.00	10.00
8. Technology Mission of Drinking water	Central	100%	-	-	-	60.00	50.40	50.00	20.00	20.00

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN -1990-91  
CENTRALLY SPONSORED SCHEMES

STATEMENT: GN:6  
RS. IN LAKHS

Name of Scheme	Central /State Sector	Pattern of Sharing Expenditure (i.e. 50:50 100% etc.)	Seventh Plan Outlay 1985-90	ACTUAL EXPENDITURE				1989-90		Annual Plan 1990-91 Proposed Outlay
				85-86	86-87	87-88	88-89	Allo -cat- ion	Anti -cipa -ted Expn	
<b>F. INDUSTRIAL DEVELOPMENT:</b>										
1. I.I.C. Jorethang	Central/State	50:50	23.00	4.33	5.56	5.12	7.00	10.00	10.00	6.00
2. D.I.C. Gangtok	Central/State	50:50	25.00	1.69	2.50	5.25	7.26	10.00	10.00	6.00
3. Information & Publicity	Central/State	50:50		1.63	1.00	1.50	1.37	2.00	2.00	2.50
<b>G. URBAN DEVELOPMENT:</b>										
1. Integrated Urban Development	Central/State	50:50	10.00	-	16.32	7.00	10.00	10.00	10.00	25.00

EIGHTH FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN -- 1990-91  
CENTRALLY SPONSORED SCHEMES

STATEMENT:GN-6  
Rs. in lakhs

Name of Scheme	Central/State Sector	Pattern of sharing Exp. (% C, % S, 50:50, 100% Etc.)	7th Plan Outlay 85-90	Actual Expenditure				1989-90		Annual Plan 1990-91 Proposed Outlay
				85-86	86-87	87-88	88-89	Allocation	Anticipated Expn.	
4. MEDICAL AND PUBLIC HEALTH										
1. Family welfare	Central	100%	-	46.80	52.91	58.49	88.89	86.68	86.68	90.00
2. National Malaria Eradication Programme	Central/State	50:50	-	25.99	29.27	19.93	36.00	51.00	51.00	25.00
3. National Leprosy Control Programme	Central	100%	-	16.15	21.51	15.03	18.00	14.00	14.00	18.00
4. National Tuberculosis Control Programme	Central/State	50:50	-	0.18	1.14	3.30	6.56	7.00	7.00	5.00
5. Prevention & Control of Blindness	Central	100%	-	1.65	1.82	1.33	1.64	4.62	4.62	4.00
6. Goitre Control Programme	Central	100%	-	0.36	0.26	0.53	1.00	1.60	1.60	50.00
7. ICDS	Central	100%	-	26.20	23.12	34.00	40.20	44.20	44.20	50.00

EIGHT FIVE YEAR PLAN - PROPOSALS FOR ANNUAL PLAN - 1990-91

CENTRALLY SPONSORED SCHEMES

STATEMENT GN 6

(Rs. in lakhs)

Name of Scheme	Central/ State Sector	Pattern of sharing Expenditure (i.e. 50:50 100% etc.)	Seventh Plan outlay 1985-90	Actual Expenditure 1989-90						Annual Plan 1990-91 Proposed outlay
				1985- 86	1986- 87	1987- 88	1988- 89	Allo- cation	Anti- cipa- ted Exp.	
1	2	3	4	5	6	7	8	9	10	11
<b>I. <u>SOCIAL WELFARE :</u></b>										
1. Child Welfare	Central/ State	50:50	9.00	3.00	0.60	1.40	3.30	1.50	1.50	1.50
2. Construction of W.W. Hostel	Central/State	75:25	16.00	2.00	2.00	3.40	4.00	1.00	1.00	5.00
3. Construction of Destitute House	Central/State	50:50	9.00	3.00	-	-	-	-	-	-
<b>J. <u>TOURISM :</u></b>										
1. Youth Hostel	Central	100%	31.49	5.00	10.00	-	15.00	10.00	10.00	5.00
2. Equipment for Trekking	Central	100%	3.85	2.12	0.88	0.88	-	-	-	-
3. Trekking Huts	Central	100%	15.85	3.00	2.25	6.00	6.60	-	-	5.00
<b>K. <u>ART &amp; CULTURE :</u></b>										
1. Inter State ex- change of cultural troups	Central/State	75:25	16.00	0.45	0.72	0.75	.	-	-	-
2. Operation of Anti- quities & Art Act 1/NRSE	Central	100%	-	0.10	-	0.10	-	-	-	-



	1	2	3	4	5	6	7	8	9	10	11
1.	Chulla	Central	100%	-	0.69	0.73	1.00	0.32	0.18	0.18	0.55
2.	Bio-Gas Construction Programme	Central	100%	-	-	0.14	0.14	0.18	0.18	0.18	0.50
L.	<u>EDUCATION</u> :										
1.	Rural Functional literacy programme	Central	100%	80.00	16.70	13.82	10.00	13.00	20.00	20.00	25.00
2.	Educational Technology programme	Central	100%	10.00	0.58	1.09	0.74	0.99	3.00	3.00	10.00
3.	Rural talented children	Central	100%	2.00	0.47	0.47	0.47	0.47	0.47	0.47	4.00
4.	Hindi Scholarships	Central	100%	0.15	0.12	0.02	0.03	0.03	0.03	0.03	1.00
5.	Appointment of Hindi teacher in non-hindi speaking states	Central/ State	100%	30.00	-	2.50	2.00	2.45	20.00	20.00	50.00
6.	Schedule Caste Girls Hostel	Central/ State	50:50	10.00	2.00	1.74	2.00	1.93	5.00,	5.00	25.00
7.	Schedule Tribe Girls Hostel	Central/ State	50:50	15.00	3.89	2.28	1.00	1.64	5.00	5.00	10.00
8.	Construction of toilets under UNICEF	Central/ State	50:50	-	-	-	1.34	-	5.00	5.00	5.00
9.	Stipend & clothing to Tibetan refugee children of Enchey School	Central	100%	-	0.44	0.83	1.51	1.29	2.45	2.45	5.00
10.	Other schemes funded by :										
	a) UNICEF	Central	100%	-	-	2.01	0.16	0.28	3.00	3.00	20.00

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
b) NCERT	Central	100%	-	-	-	1.95	4.22	5.00	5.00
11) Integrated Education	Central	100%	-	-	-	-	-	1.00	1.00
12) Mass orientation of School teachers	Central	100%	-	-	-	-	-	2.00	2.00
13) Improvement of Science teaching	Central	100%	-	-	-	-	-	1.00	1.00
14) Reimbursement of tuition fees	Central	100%	-	-	-	-	-	0.30	0.30
15) Upgradation of merit of Sc/ST students	Central	100%	-	-	-	-	-	1.00	1.00
16) Computer Literacy in Schools	Central	100%	-	-	-	-	0.34	0.30	0.30
17) Post literacy of follow-up programme	Central	100%	-	-	-	-	0.02	1.00	1.00
18) Sanskrit Education	Central/State	67:33	-	-	-	-	-	1.00	1.00
19) Non-formal Education	Central/State	67:33	-	-	-	-	-	5.00	5.00
20) Vocationalisation of Education	Central	100%	-	-	-	-	-	10.00	10.00
21) Operation Blackboard under NPE	Central	100%	-	-	-	-	41.57	18.00	18.00
22) DIET under NPE	Central	100%	-	-	-	-	-	71.70	71.70

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Total General Educa- tion , Youth Affairs & Sports	-	-	-	-	-	-	-	-	181.25	181.25	233.00
23) Regular NSS Education	Central	100%	0.15	0.05	0.10	1.00	1.16	1.16	1.16	1.16	3.00
24) Indoor Stadium & Swimming Pool at White Hall	Central	100%	-	-	-	-	12.50	12.50	12.50	12.50	-
25) Development of play fields	Central/ State	75:25	50.00	-	1.00	0.72	5.07	15.00	15.00	15.00	20.00
26) Construction of swimming pool	Central	100%	-	-	-	-	-	11.00	11.00	11.00	10.00
27) Development of Paljor Stadium	Central	100%	-	0.51	2.28	-	-	60.00	60.00	60.00	-
28) Improvement of Indoor Gymnasium	Central	100%	40.00	-	-	1.95	0.60	5.00	5.00	5.00	-
29) Sports Equipments	Central	100%	-	-	2.50	2.50	1.36	5.00	5.00	5.00	10.00
30) Schemes funded by Sports Authority of Indian (SAI)	Central	100%	-	-	-	1.20	-	7.00	7.00	7.00	10.00
31) Development of White Hall Sports Complex	Central/ State	75:25	-	-	-	-	-	25.00	25.00	25.00	-
32) Multipurpose Indoor Gymnasium	Central	100%	-	-	-	-	-	50.00	50.00	50.00	20.00
33) Development of Youth Hostel	Central	100%	-	-	-	-	-	24.00	24.00	24.00	15.00
Total Sports Sector :	-	-	-	-	-	-	-	215.66	215.66	215.66	88.00

**Sub. National Systems Unit,**  
**National Institute of Educational**  
**Planning and Administration**  
 17-D, Netaji Park, New Delhi-110016  
 DOC. No. ....  
 Date: 26/5/20

NIEPA DC