



**GOVERNMENT OF MEGHALAYA  
(PLANNING DEPARTMENT)**

**REVIEW OF  
THE IMPLEMENTATION OF  
DEVELOPMENT SCHEMES  
AND  
PROGRAMMES FOR  
1990-91**

**A SUPPLEMENT TO THE BUDGET SPEECH**

**1990-91**

**BY  
Shri S. D. KHONGWIR  
FINANCE MINISTER  
MEGHALAYA**

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# REVIEW OF IMPLEMENTATION OF DEVELOPMENT SCHEMES AND PROGRAMMES FOR 1990-91

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## INTRODUCTION

### 1. Demographic Situation

Meghalaya has an area of approximately 22,500 Sq. Kms with a population 13.36 lakhs according to 1981 census, the growth rate being 32.04 per cent during the decade 1971-81. The density of population in the State increased to 60 persons per Sq. Km. in 1981 from 45 persons in 1971. Nearly 81.9 per cent of the population live in rural areas.

### 2. Basic Statistics

The percentage of workers to the total population of the State in 1981 was 45.9. Of the total 5.80 lakhs main workers, cultivators constituted 62.6 per cent, agricultural labourers 10 per cent, workers engaged in manufacturing, processing and repairing services constituted only 2.4 per cent while other workers were 25 per cent.

The State has a total of 4902 villages of which about 65 per cent are very small villages with a population of less than 200. The tribal people constitute about 80.6 per cent of the total population of the State. The Scheduled Caste population in 1981 was barely 0.4 per cent while others were 19 per cent of the total population.

The percentage of literacy in the State stood at 34.08 per cent and continue to be lower than the national average of 36.23 per cent.

The cultivated area constitutes nearly 10 per cent of the total area of the State and the double cropped area constitutes about 16 per cent of the net area sown. Only about 25 per cent of the net area sown is under irrigation.

On average there is one primary health centre for a population of 34.2 thousand, one sub-centre for a population of 7.1 thousand, one doctor for about 17 thousand people and 1.06 beds per thousand population.

Only 41.3 per cent (February, 1990) of the villages are provided with potable water, 44.3 per cent of the villages are connected with roads. The density of roads per 100 Sq. Km. is only about 24.5 (March, 1989). The per capita consumption of electricity is only about 82 Kwh. 44 per cent of villages has so far been electrified.

### 3. Economic Situation

The economy of the State is largely dependent upon agriculture and the major portion of the State's domestic product originates from agriculture and allied activities.

Foodgrains production in the State reached the level of about 167 thousand tonnes in 1985-86 and then declined to about 132 thousand tonnes in 1986-87 due to adverse weather conditions. In 1987-88, it showed slight improvement, despite ravages of flood, recorded a production of 142 thousand tonnes. During 1989-90, it is expected that the production would stand at 154 thousand tonnes. Production of potato also suffered a set back due to pest attack and the production declined from 168 thousand tonnes in 1986-87 to 145 thousand tonnes in 1987-88. The expected production in 1989-90 is 146 thousand tonnes. The production of oil seeds, jute, horticultural products also showed increase in the last two years. The industrial base of the State continues to be poor having about 58 registered factories with an employment of just over 3000 persons. The number of small scale industries has, however, shown significant increase in recent years. Production of coal and limestone has also recently shown considerable increase. Power generation in the State, by and large, has remained satisfactory.

The net domestic product at current prices increased to Rs. 345.83 crores in 1985-86 from Rs. 302.25 crores in 1984-85, registering a rise of 14.4 p.c. The growth continued to Rs. 386.01 crores in 1986-87. Quick estimates for 1987-88 and 1988-89 indicated the net domestic product at Rs. 414.60 crores and Rs. 449.04 crores respectively. As a result of the growth in the SDP, the *per capita* income increased to Rs. 2478 in 1986-87. The quick estimates for 1987-88 and 1988-89 shows the *per capita* income at Rs. 2588 and Rs. 2726 respectively.

**4. Seventh Five Year Plan of Meghalaya:**—The Seventh Plan was launched in the year 1985-86. The approved outlay for the State's 7th (Seventh) Plan was Rs. 440 crores. As against this, the actual year-wise outlays aggregated to Rs. 556 crores for the five year period. The year-wise plan outlays and expenditure are indicated below:—

Year	Approved outlays	(Rs. crores) expenditure (departmental figures)
1985-86	75.00	73.88
1986-87	91.00	88.89
1987-88	110.00	110.43
1988-89	130.00	126.95
1989-90	150.00	150.00 (anticipated)

The details of the sector-wise plan outlays, expenditure, physical targets and achievements have been shown in the statements I and II at the end of this chapter.

**5. Annual Plan 1990-91**—The year 1990-91 will be the first year of the Eighth Five year Plan. The Planning Commission has not yet communicated the guidelines for the formulation of the Eighth Plan or indicated the size of the National Plan. However, Planning priorities have been indicated from time to time in official statements and the same have been taken into account in the formulation of the State's Annual Plan for 1990-91.

The priorities for Annual Plan 1990-91 of Meghalaya have been fixed keeping in view the State's special problems so as to ensure an all round and balanced development. While growth with social justice and removal of poverty, un-employment and under employment continues to be the basic objectives, greater emphasis has been placed on development of rural areas and minimum needs programmes. Following are the priorities for the next Annual Plan.

(i) Provision of social and community services with special emphasis on development of human resources in the field of education, teachers training, elementary education, sports and youth welfare, rural health, rural water supply, housing and urban development.

(ii) Completion of on-going power project along with development of transmission and distribution system and rural electrification programme.

(iii) Completion of other on-going projects and schemes which are in an advanced stage particularly in the case of roads, minor irrigation and other construction projects.

(iv) Emphasis on productivity under agriculture and allied programmes including development of horticulture, protection of forests, afforestation programmes and creation of village reserve forests, control of soil erosion and intensive development of livestock.

(v) Development of village and small scale industries including sericulture and weaving.

**6. Physical objective for 1990-91**—The Annual Plan of 1990-91 aim, among other things, at the following key sector of development:—

(i) **Agriculture**.—Raising of the production of Food-Grains to the level of 1.84 lakhs tonnes from the likely achievement of 1.54 lakhs tonnes at the end of 1989-90. Increased use of various inputs and larger coverage of area, increase production of cash crops and increased coverage of areas under horticulture.

(ii) **Minor Irrigation**.—Increased coverage of irrigated areas by bringing additional 1640 hectares of cultivable land under minor irrigation.

(iii) **Forests**.—Increased coverage under various afforestation programmes.

(iv) **Power**.—Additional coverage of 350 Villages under Rural electrification programme, completion of the on-going Umiyam-Umtrutage IV Project, expansion and improvement of the transmission and distribution System.



(x) **Water Supply.**—Additional coverage of 750 Villages under State and Central Rural Water Supply Programmes.

(vi) **Health.**—Establishment of 50 new Primary Health Sub-Centres 10 new Primary Health Centres and 10 Community Health Centres.

(vii) **Education.**—Additional enrolment of 16,000 students in primary level, 5,000 in middle level and 7,000 in secondary level of schools, Additional coverage under non-formal and adult literacy programmes.

7. **Investments.**—An amount of Rs. 175 Crores has been allotted for the State's Annual Plan for 1990-91. The broad break-up of which is given in the table below:—

Programme (1)	Approved outlay 1990-91 (2)	Per cent to Total (3)
	Rs. Crores.	
Agriculture and Allied Programme	25.91	14.8
Rural Development ... ..	6.14	3.5
Special Areas Programme ... ..	2.10	1.2
Irrigation and Flood Control ... ..	5.87	3.4
Energy ... ..	35.90	20.5
Industries and Mineral ... ..	9.05	5.2
Transport and Communication ... ..	32.74	18.7
Science and Technology and ... .. Environment.	0.40	0.2
Economic Services ... ..	3.37	1.9
Social and Community Services	49.62	28.4
General Service ... ..	3.90	2.2
	Total—175.00	100.00

General statements I and II indicates departed sectoral and sub-sectoral outlays and targets for 1990-1991.

#### 8. North Eastern Council Schemes in Meghalaya

In addition to the state Plan outlay of Rs. 175 crores, the North-Eastern Council has allotted an amount of Rs. 9.45 crores for regional scheme located in Meghalaya for 1990-91.

#### 9. Centrally Sponsored Scheme

A substantial outlay will also be available as central shares for C. S. schemes and central sector schemes. Actual quantum of such outlay will be known when schemes are sanctioned by the Central Government.

10. Sectoral Programmes with outlays expenditure, physical target and achievements have been described in respective sectoral chapters.

**GENERAL STATEMENT—I**  
**FINANCIAL OUTLAY AND EXPENDITURE**

**State Plan Programmes**

(Rs. lakhs)

Sectors	Seventh Plan (1985-90) approved outlay	Actual Expenditure				1989-90		Approved Outlay 1990-91
		1985-86	1986-87	1987-88	1988-89	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
<b>A. ECONOMIC SERVICES—</b>								
<b>I. Agriculture and Allied Services—</b>								
<b>1. Agriculture—</b>								
(i) Crop Husbandry ... ..	1,400.00	219.81	290.55	334.76	375.07	540.00	544.04	666.00
(ii) Research and Education ... ..	100.00	8.35	9.31	10.93	10.08	22.00	20.09	16.00
(iii) Marketing ... ..	140.00	28.62	15.51	28.41	26.90	40.00	37.87	72.00
(iv) Investment in Agricultural Financial Institution.	5.00	1.00	1.00	0.50	0.50	...	...	1.00
(v) Assistance to Small and Mar- ginal Farmers.	200.00	30.00	42.06	45.00	70.00	75.00	50.00	75.00
<b>Sub-Total—I Agriculture ...</b>	<b>1,845.00</b>	<b>287.78</b>	<b>358.37</b>	<b>419.60</b>	<b>482.55</b>	<b>677.00</b>	<b>652.00</b>	<b>830.00</b>

**GENERAL STATEMENT I—(Contd.)**

1	2	3	4	5	6	7	8	9
B. Social Services—								
X. Social Services Including Education, etc—								
1. General Education .. ..	2815·00	293·20	247·10	713·52	924·95	1122·00	1279·00	1485·00
2. Technical Education .. ..	112·00	18·90	23·50	21·60	26·19	39·00	39·00	20·00
3. Sports and Youth Services ... ..	275·00	73·37	85·24	51·63	110·62	185·00	185·00	272·00
4. Arts and Culture ... ..	100·00	14·50	16·85	25·00	67·71	87·00	87·00	71·00
Sub-total—(Education)	3302·00	399·97	472·69	811·25	1129·47	1431·00	1590·00	1848·00
5. Medical and Public Health ... ..	1600·00	300·30	306·72	332·99	344·23	400·00	400·00	709·00
6. Sewerage and Water Supply ... ..	5000·00	759·90	770·40	836·66	949·60	1000·00	1000·00	1135·00
7. General Housing .. ..	225·00	49·31	54·77	62·60	225·02	250·00	218·42	254·00
8. Police Housing ... ..	640·00	200·00	215·00	284·00	300·00	307·00	307·00	307·00
9. Housing building advance to Govern- ment Employees.	175·00	45·00	115·66	123·54	110·00	100·00	100·00	150·00
10. Urban Development ... ..	400·00	46·56	52·72	98·63	196·73	192·00	197·00	275·00
11. Information and Publicity ... ..	60·00	35·32	11·00	13·54	17·15	30·00	27·00	100·00
12. Welfare of Scheduled Castes, Scheduled Tribes and Other Backward Classes-Pre- examination Training Centre.	5·00	0·54	0·59	0·54	1·55	2·00	1·00	2·00
13. Labour and Labour Welfare ... ..	12·00	0·50	1·00	1·20	1·30	4·00	4·00	4·25
14. Training and Employment ... ..	53·00	8·71	11·44	18·20	16·54	26·00	26·00	52·75

GENERAL STATEMENT I—(contd.)

	1	2	3	4	5	6	7	8	9
15. Social Welfare .. ...		200·00	20·32	30·18	22·72	40·63	60·00	60·00	50·00
16. Nutrition .. ...		500·00	45·64	58·31	85·06	91·17	116·00	113·00	25·00
17. Aid to Municipalities .. ..		100·00	34·59	11·00	12·00	22·00	25·00	25·00	50·00
<b>TOTAL—X—Social Services including Education, etc.</b>		<b>12272·00</b>	<b>1946·66</b>	<b>2111·39</b>	<b>2702·93</b>	<b>3444·79</b>	<b>3945·00</b>	<b>4068·42</b>	<b>4962·00</b>
<b>C. GENERAL SERVICES—</b>									
<b>XI. GENERAL SERVICES—</b>									
1. Printing and Stationery ... ..		250·00	38·79	38·78	48·49	52·05	65·00	65·00	60·00
2. Public Works (Administrative and Residential Buildings).		1200·00	193·48	238·08	300·00	300·00	300·00	300·00	330·00
3. Upgradation of Standard of Administration.		1405·00	156·62	333·55	476·00	210·34	421·00	421·00	...
4. Contribution to Regional Rural Bank		...	...	...	3·75	...	...	...	...
<b>TOTAL—XI—General Services ...</b>		<b>2855·00</b>	<b>388·89</b>	<b>610·41</b>	<b>828·24</b>	<b>562·39</b>	<b>786·00</b>	<b>786·00</b>	<b>390·00</b>
<b>GRAND TOTAL...</b>		<b>44000·00</b>	<b>7388·02</b>	<b>8889·35</b>	<b>11042·96</b>	<b>12675·49</b>	<b>15000·00</b>	<b>14986·00</b>	<b>17500·00</b>

**STATEMENT II**

**ANNUAL PLAN 1990-91**

**Selected Physical Targets and Achievement**

Item	Unit	Seventh Plan target	Achievements				1989-90		Target 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Achievement	
1	2	3	4	5	6	7	8	9	10
<b>AGRICULTURE</b>									
1. Production of foodgrains	'000 tonnes	232.75	166.63	131.36	142.36	138.29	175.60	154.00	184.20
2. Commercial Crops -									
(a) Potato ... ..	'000 tonnes	192.00	149.46	154.60	145.40	71.10	178.60	146.00	168.30
(b) Jute and Mesta	,,	96.00	73.74	37.09	59.20	59.50	85.00	41.00	65.74
(c) Cotton ... ..	,,	7.20	4.88	4.20	4.20	4.20	7.00	5.00	5.00
(d) Mushroom .. ..	,,	...	...	...	...	..	8.10	0.0024	0.10
(e) Oilseeds ... ..	,,	11.10	6.60	5.52	5.72	4.92	10.50	9.95	10.40
3. Major Horticulture Crops	,,	203.20	174.53	178.96	189.97	19.505	214.00	213.00	224.00

## STATEMENT II—(Contd.)

1	2	3	4	5	6	7	8	9	10
4. Consumption of Chemical fertilizer ...	'000 tonnes	7.50	2.99	3.60	3.26	3.062	6.65	4.50	5.50
5. High Yielding Varieties Programmes ..	'000 hectares	65.00	48.00	43.72	49.89	50.16	50.68	50.90	53.00
MINOR IRRIGATION									
1. Cross area covered ...	'000 hectares	10.00	1.75	1.53	1.10	1.03	2.50	2.50	1.37
SOIL CONSERVATION									
1. Terracing ...	'000 hectares	2310	561	500	584	240	709.25	709.25	865
2. Reclamation ...	'000 hectares	1100	320	33	61	...	3	3	50
3. Erosion control ...	'000 hectares	660	292	452	446	177.25	353.75	353.75	450
4. Afforestation ...	'000 hectares	P-4600 C-125 M-210	P-567.70 C-1241 M-2147	P-1366 C-1344 M-2505	P-1455 C-1556 M-3901	P-86 C-599 M-6421	P-585 M-7262	P-585 M-7262	P-1030 M-6092
ANIMAL HUSBANDRY									
1. Meat production ...	'000 hectares	21.00	13.60	15.20	16.90	18.70	19.20	19.20	20.60
2. Milk production ...	'000 hectares	75.00	46.10	47.00	40.90	47.10	51.90	50.50	58.30
3. Egg production ...	Million tonnes	45.00	57.80	60.00	61.80	66.60	67.80	67.80	74.50

## STATEMENT II—(Contd.)

	1	2	3	4	5	6	7	8	9	9	
FOREST											
1. Production Forestry	...	...	'000 Hect.	7.500	0.371	1.070	1.600	0.800	1.000	989	1.200
2. Social Forestry	...	...	"	8.00	2.63	1.79	4.31	13.21	5.26	3.36	1.58
3. Afforestation	...	...	'000 Nos	500	131	158	238	345.58	309.62	300	254
FISHERIES											
1. Fish production	...	...	'000 tonnes	6.00	0.672	0.604	0.853	0.536	1.00	1.00	1.50
2. Fish Seed production	...	...									
(i) Fry and Fingerling	...	...	Millions	12.50	0.374	0.399	0.548	0.796	1.20	1.20	3.50
(ii) Fish Seed Farm	...	...	Nos	5	—	1	—	1	1	1	1
CO-OPERATION											
1. Short term loan	...	...	Rs Crore	3.00	1.132	1.166	0.9739	0.708	2.25	1.50	2.50
2. Long term loan	...	...	"	1.00	0.1217	0.0843	0.0234	0.228	0.60	0.30	0.60
3. Medium term loan	...	...	"	1.00	0.0552	0.023	0.0088	0.73	0.80	0.50	0.90

## STATEMENT II—(contd.)

1	2	3	4	5	6	7	8	9	10			
<b>POWER—</b>												
1. Number of villages to be electrified	Nos.	1170	360	...	...	...	230	230	350			
<b>ROADS AND BRIDGES—</b>												
1. Formation	...	...	...	Km.	560	75.00	80	120.70	95.28	90	90	130
2. Black topping	...	...	...	Km.	186	54.00	45	65.75	49.55	50	50	75
3. Improvement	...	...	...	Km.	145	22.00	40	25.10	66.39	30	30	75
4. Major and Minor Bridges	...	...	...	Km.	2100	561	505	460	621	600	600	520
<b>SERICULTURE—</b>												
1. Production of raw Silk	...	...	...	Kgs.	3000	250	280	550	730	800	800	900
2. Employment	...	...	...	Nos. (families)	5000	900	1000	1000	1000	1000	1000	600
<b>HANDLOOM—</b>												
1. Production	...	...	...	Lakh Sq.m.	91.90	14.41	17.52	18.00	19.57	21.00	21.00	22.80
2. Employment	...	...	...	Nos. (families)	3500	500	600	400	500	1000	1000	300

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## STATEMENT II - contd.

1	2	3	4	5	6	7	8	9	10
<b>EDUCATION</b>									
1. Enrolment—									
(a) Age group 6—10	... '000 Nos	254	210	218	228	240	255	255	271
(b) Age group 11—14	... „	80	64	68	73	66	70	70	75
2. Non-formal education -									
(a) Age group 6—10	... „	60.00	7.70	8.756	9.386	11.912	11.50	11.50	11.50
(b) Age group 11—13	... ..	30.00	5.073	4.174	3.582	4.233	4.50	4.50	5.00
Adult Education									
No. of Centres	... „								
(c) Participants (age group 15- 35)	..	7190	1231	1332	1384	1486	1537	1537	1742
<b>HEALTH</b>									
1. Primary Health Centres	... Nos	33	6	9	6	7	6	4	10
2. Primary Health Sub-Centres	..	230	47	9	28	6	96	35	50
3. Community Health Centres	..	8	...	...	...	..	3	3	10
<b>RURAL WATER SUPPLY—</b>									
1. Villages covered	... .. Nos	2237	310	450	600	470	500	500	750

Note - P - Preliminary

C—Creation

M—Maintenance

## CHAPTER I

### AGRICULTURE AND ALLIED SERVICES

#### AGRICULTURE

1.1.1. The approved outlay for the Seventh Plan for Crop Husbandry (including Assistance to Small and Marginal Farmers), Research and Education, Marketing, Investment in Agricultural Financial Institutions is Rs.1845.00 lakhs. The break up is shown in the following table :—

(Rs. in lakhs)

Programme	Seventh Plan outlay	Actual Expendi- ture 1985-89	1989-90		1990-91 Approved outlay
			Outlay	Anticipated Expenditure	
1	2	3	4	5	6
1.(a) Crop Husbandry ...	1400.00	1220.19	540.00	544.04	666.00
(b) Assistance to Small and Marginal Farmers.	200.00	187.00	75.00	50.00	75.00
2. Research and Education	100.00	38.67	22.00	20.09	16.00
3. Marketing ...	140.00	99.44	40.00	37.87	72.00
4. Investment in Agricultural Finance Institution.	5.00	3.00	...	...	1.00
<b>Total</b>	1845.00	1548.30	677.00	652.00	830.00

The approved outlay for the current year for the above programmes is Rs.677.00 lakhs. The anticipated expenditure during the year is Rs. 652.00 lakhs due to less release of Central share for the programme of assistance to small and marginal farmers.

The approved outlay for 1990-91 is Rs.830.00 lakhs.

#### **Highlights of the Programmes during the Seventh Plan period**

1.1.2. The target of foodgrains production during the Seventh Plan as been fixed at 232.75 thousand tonnes. As against this target, the total productions of foodgrains during the first four years of the Seventh Plan (1985-89) were 166.63, 131.30, 142.30 and 138.39 thousand tonnes respectively. The anticipated foodgrains production in the current year is 154.00 thousand tonnes.

During the first four years of the Seventh Plan (1985-89) the oilseeds productions were 6.00, 5.52, 5.72 and 4.92 thousand tonnes against the Seventh Plan target of 11.10 thousand tonnes only. The anticipated oilseeds production during 1989-90 is 9.95 thousand tonnes. The major oilseeds grown in the State are rape and mustard, sayabean and Sesamum.

1.1.3. The target of potato production during the Seventh Plan has been fixed at 192.00 thousand tonnes and the productions in the first four years of the 7th Plan were 149.46, 154.60, 145.40 and 71.10 thousand tonnes. During 1989-90 the anticipated potato production is 146.00 thousand tonnes. The potato variety, namely, 'Kufri Jyoti' is more susceptible to disease and is being replaced by 'Kufri Megh' variety from the current year. Besides potato, cotton and jute are also grown in the State.

1.1.4. In regard to horticulture production, the 7th Plan target of 203 thousand tonnes has already been achieved. During 1989-90 the anticipated production of horticulture crops in the State is 213 thousand tonnes. The major fruits grown are banana, pine-apple, oranges, stonefruit, pears, etc., With a view to boosting up the development of horticulture in the State, efforts have been made to introduce a credit-cum-subsidy scheme under which, 80 per cent of the financial requirement will be in the shape of institutional credit. The need for marketing and processing facilities of the horticultural produces is also felt. Steps been taken to expand and modernise the existing Fruits Preservation Units at Shillong and Dainadubi with the help of CFTRI Mysore. Besides, NERAMAC has also agreed to set up a large scale multi-lime fruit juice concentrate complex at Byrnhat as a joint venture.

1.1.5. The achievement for consumptions of chemical fertilizers of NPK during the first four years of the 7th Plan were 2.99, 3.60, 3.26 and 3.062, thousand tonnes respectively against the 7th Plan target of 7.50 thousand tonnes only. The anticipated achievement for chemical fertilizers consumption in the current year is 4.50 thousand tonnes. The consumption of chemical fertilizers is mainly on the potato crop. Efforts have also been made to motivate the farmers for used of chemical fertilizers by way of demonstration in the cultivators' fields.

1.1.6. During the Seventh Plan period steps have also been taken for cultivation of mushroom and tea on commercial basis by introducing a new scheme for assistance to small tea growers for tea cultivation in small area of 1-2 hectare each, and imparting training for mushroom growers in a regional centre for production of mushrooms. The need for establishment of a Mushroom Dehydration Plant and a Mini-Tea Factory for processing and marketing, etc., of tea-leaves, fresh mushrooms and green tea-leaves is under consideration.

1.1.7. For boosting up agricultural production in the State, the scheme for supply of powertillers, tractors, pumpsets has been taken up in the Seventh Plan. There has been a good demand for such machineries from the farmers of all the districts.

1.1.8. With a view to improving the Agricultural marketing system, steps have been taken to establish a principal regulated market in the periphery of Shillong and another at Garobadha in West Garo Hills.

### **Programmes for 1990-91 :**

1.1.9. The target of foodgrains production during 1990-91 has been fixed at 184.20 thousand tonnes. Keeping in view the foodgrains production in the State which is lower than the all-India average, efforts will be made to increase the areas under different food crops with application of HYV and by introducing the improved variety of paddy, maize and wheat and also by adopting the basic strategy for increasing crop intensity, namely (a) assured irrigation water (b) Short duration varieties, (c) extension service to farmers, (d) increased use of NPK, (e) integrated plant protection measures, (f) increased number of powertillers and tractors and (g) post-harvest technology. Steps will also be taken to intensify double/triple cropping in irrigated areas, popularising the use of fertilizers in foodgrain crops and to provide need based plant protection measures.

1.1.10. In addition, the following schemes will also be continued during 1990-91, namely — (i) Horticultural Development Programme. It is proposed to set up a Horticultural Development Corporation and to increase the fruits production from the level of 1.95 lakh tonnes in 1988-89 to 2.24 lakh tonnes. (ii) Potato Development scheme. To meet the incremental potato seed requirement, it is proposed to set up a Foundation Seed Farm for potato (iii) Farmers Training Centre. One more centre will be set up in addition to the existing centres at Upper Shillong and Tura. (iv) Agricultural Engineering (Mechanical). One new workshop will be up. (v) Research Programme on foodgrain crops, especially rice will be continued under the auspices of the ICAR. (vi) Other programmes include: Tea Development scheme, Vegetable Development scheme and Mushroom Development scheme.

### **1.1.11 Centrally Sponsored Scheme :**

The following Centrally Sponsored schemes will be continued during 1990-91 :—

#### **1. Control of pests and diseases of agricultural importance :**

The scheme envisages control of pests and diseases in endemic areas. An amount of Rs. 6.00 lakhs is earmarked for 1990-91 against current year's anticipated expenditure of Rs. 2.50 lakhs.

**2. National Pulses Development :** The scheme aims at popularising the cultivation of field pea, gram, green gram, black gram and lentil. An amount of Rs. 1.60 lakhs has been provided for 1990-91 against the current year's anticipated expenditure of Rs. 1.14 lakhs.

### 3. Production of quality planting materials of fruit trees :

An amount of Rs. 4.00 lakhs is provided for 1990-91 against anticipated expenditure of Rs. 1.30 lakhs during the current year.

4. **Potato Foundation Seed Farm** : This is a new scheme proposed to be taken up during 1990-91 for which an outlay of Rs. 50.00 lakhs is earmarked.

#### 1.1.12 Central Sector Schemes :

The following Central Sector schemes will be continued during 1990-91:—

1. **Agricultural Census** : An amount of 4.46 lakhs is earmarked for 1990-91 against the anticipated expenditure of Rs. 3.13 lakhs during the current year.

2. **Research Project on Rice** : An outlay of Rs. 4.00 lakhs has been provided during 1990-91 against the anticipated expenditure of Rs. 0.36 lakh during current year.

3. **Intensive cultivation of maize** : The objective of the scheme is to popularise the cultivation of maize among the farmers. An outlay of Rs. 2.00 lakhs is provided for 1990-91 against the anticipated expenditure of Rs. 1.169 lakhs.

4. **Minikit-cum-community programme on Rice** : The objective of the scheme is to make the HYV and improved varieties of seedlings available to the farmers during the planting season. An amount of Rs. 5.00 lakhs is earmarked for 1990-91 against anticipated expenditure of Rs. 0.162 lakh during current year.

5. **Tea Nurseries** : An outlay of Rs. 9.00 lakhs is provided for 1990-91.

6. **Special Jute Development Programme (3JDP)** : The schemes aims at popularising the use of HYV on jute cultivation among the farmers. An amount of Rs. 9.00 lakhs is provided for 1990-91 against anticipated expenditure of Rs. 7.824 lakhs during current year.

7. **Bio-fertilizers** : An amount of Rs. 0.10 lakh is provided for 1990-91.

8. **State Land Use Board (SLUB)** : An amount of Rs. 6.00 lakhs is provided for 1990-91 against current year's anticipated expenditure of Rs. 3.84 lakhs.

9. **Production of Fruits and Vegetables** : An amount of Rs. 0.40 lakh is earmarked for 1990-91 against anticipated expenditure of Rs. 0.375 lakh during current year.

#### 1.1.13 NEC Schemes :

An amount of Rs. 3.50 lakhs has been provided for 1990-91 for continuation of the Education and Training scheme for study in different courses in Agriculture.

### 1.1.14. 20-POINT PROGRAMME

The following schemes will be continued under the 20-Point Programme:—

**1. Rice Production :—**Rice is the main foodgrain crop grown throughout the State. The varieties grown widely vary from different altitudes and climatic regions. H.Y.Vs are found growing successfully in the low and warm places and getting popular amongst the farmers. But in the higher region locally selected improved varieties are being grown. The target of Rice production for 1989-90 is fixed at 140.00 thousand tonnes and achievement is anticipated at 120.00 thousand tonnes.

**2. Pulses Production :—**Pulses are still minor crops in the State. The main pulse crops are Archar, Moong, Pea, Grams, Lentil and Cowpea. The production of pulses in 1989-90 is expected at 2.75 thousand tonnes against a target of 4.00 thousand tonnes.

**3. Oilseeds Production :—**The oilseed crops grown in the State are Rape and Mustard, Soyabean and Sesamum. The Department has undertaken intensive efforts to popularise cultivation of Soyabean and ground-nut by conducting training and field demonstration and selling seeds to cultivators at subsidised rate. A production of 9.95 thousand tonnes is expected during 1989-90 against a target of 10.50 thousand tonnes.

**4. Fruit Production :—**Meghalaya has immense potentialities for growing a variety of fruits ranging from sub-tropical to temperate. The farmers are being assisted by providing subsidy and institutional credit to raise horticultural crops, like banana, pineapple, pears, stone-fruits and citrus. An outlay of Rs. 41.70 lakhs is provided as subsidy in the budget for 1989-90 under this credit linking scheme. Against the target of 214.00 thousand tonnes of fruit production in 1989-90 the anticipated achievement is 213.00 thousand tonnes.

**5. Vegetable Production :—**The State produce both Kharif and Rabi vegetables throughout the year. A target fixed at 60 thousand tonnes for 1989-90 is expected to be achieved.

The schematic outlay and expenditure as well as the physical targets and achievements are shown in the Statements I and II.

## 2.6. ASSISTANCE TO SMALL AND MARGINAL FARMERS

The scheme for assistance to Small and Marginal Farmers aims at increasing the agricultural production amongst the small and marginal farmers by providing the inputs, such as, minor irrigation, land development and distribution of minikits of improved seeds. The scheme is to be implemented on the subsidy pattern, that is, 50 per cent by public contribution and another 50 per cent to be borne between the Centre and the State, except for the minikits programme which is fully subsidised by Government.

The approved outlay for the 7th plan is Rs.200.00 lakhs and the expenditure for the first four years of the plan was Rs.187.00 lakhs as shown year-wise below :—

Year	(Rs. lakhs)	
	Expenditure	Achievement (Nor of beneficiaries)
1985-86	30.00	...
1986-87	42.00	11673
1987-88	45.00	4403
1988-89	70.00	1293
	187.00	

The approved outlay during 1989-90 is Rs.75.00 lakhs. The anticipated expenditure during the year on account of the State share is Rs.50.25 lakhs due to less release of the Central share for the programme. The savings of Rs.24.75 lakhs has been diverted for implementation of the schemes under the Jowahar Razgar Yojana programme during the course of the year. The anticipated beneficiaries during 1989-90 is 3600 families.

The approved outlay for 1990-91 is Rs.75.00 lakhs and the target beneficiary of 3600 families is proposed.

**STATEMENT I**  
**Outlay And Expenditure**  
**Head of Development : AGRICULTURE**

Programme	Seventh Plan Outlay (1985-90)	Actual Expenditure				(Rupees in lacks)		
		1985-86	1986-87	1987-88	1988-89	1989-90		1990-91 Outlay
		Approved Outlay	Anticipa- ted Ex- penditure					
1	2	3	4	5	6	7	8	9
1. Direction and Administration ...	101.75	16.36	39.96	52.92	63.06	65.50	71.31	10.00
2. Multiplication and Distribution of seeds.	262.30	23.31	24.13	24.47	35.82	80.50	75.75	168.30
3. Manures and Fertilizers ...	144.20	20.34	20.95	21.85	26.45	36.60	40.60	40.50
4. Plant protection ...	95.00	16.75	24.78	30.75	27.37	33.00	31.25	32.00
5. Commercial Crops ...	165.75	28.53	36.98	41.62	44.67	63.20	61.98	85.20
6. Extension and Education ...	125.00	22.90	26.36	26.61	39.77	33.00	41.30	41.00
7. Assistance to Farming Co-operatives	...	...	1.00	1.00	2.00	2.00	2.00	2.50
8. Agricultural Engineering (Mech) ...	245.00	39.12	49.86	77.34	55.77	80.00	80.00	77.00
9. Agricultural Economics and Statistics	3.00	0.06	0.15	0.30	0.49	0.50	0.50	0.50
10. Horticulture and Vegetable Development.	98.00	20.34	24.08	26.32	46.00	104.70	97.35	179.00
11. Other Expenditure ...	130.00	17.39	21.97	11.41	0.86	16.50	17.50	35.00
12. Capital Outlay (Housing) ...	...	1.01	5.73	4.73	7.31	8.00	8.00	25.00
13. Housing ...	30.00	14.00	15.00	15.44	15.50	16.50	16.50	39.00
14. Agricultural Research and Education	100.00	8.35	9.31	10.93	10.08	22.00	20.09	16.00
15. Marketing and Quality Control ...	140.00	28.62	15.51	28.41	26.90	40.00	37.87	72.00
16. Investment in Agricultural Financial Investment.	5.00	1.00	1.00	0.50	0.50	...	...	1.00
17. Assistance to small and Marginal Farmers.	20.00	30.00	42.00	45.00	70.00	75.00	50.00	75.00
<b>Total Agriculture ...</b>	<b>1845.00</b>	<b>287.78</b>	<b>358.37</b>	<b>419.60</b>	<b>482.55</b>	<b>677.00</b>	<b>652.00</b>	<b>830.00</b>



## STATEMENT II

### Physical Targets and Achievements

Head of Development—AGRICULTURE :

Item	Unit	Seventh plan target	Achievements				1989-90		1990-91 Target
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated achievement	
1	2	3	4	5	6	7	8	9	10
<b>I. FOODGRAINS:</b>									
1. Rice ... ..	'000 tonnes	183.65	132.42	98.70	110.50	105.60	140.00	120.00	145.00
2. Wheat ... ..	"	8.00	6.10	6.70	5.60	6.72	5.50	6.65	7.00
3. Maize ... ..	"	30.00	23.19	20.10	20.70	20.64	22.50	21.20	25.00
4. Other cereals ... ..	"	5.00	2.68	3.10	3.10	3.13	3.00	3.40	3.10
5. Pulses ... ..	"	6.00	2.24	2.70	2.40	2.30	4.00	2.75	4.10
<b>Total—Foodgrains</b> ... ..	"	<b>232.75</b>	<b>166.63</b>	<b>131.30</b>	<b>142.30</b>	<b>138.39</b>	<b>175.00</b>	<b>154.00</b>	<b>184.20</b>

	1	2	3	4	5	6	7	8	9	10	
<b>COMMERCIAL CROPS:</b>											
1. Oilseeds—											
(a) Rape and Mustard	...	...	... '000 tones	8·50	4·53	3·00	4·10	3·40	8·00	9·00	8·25
(b) Sesamum	...	...	...	0·60	0·61	0·70	0·70	0·77	0·77	0·77	0·80
(c) Castor	...	...	...	...	0·02	0·02	0·02	0·02	0·03	0·03	0·02
(d) Groundnut	...	...	...	...	...	...	...	...	...	...	0·03
(e) Linseeds	...	...	...	...	...	...	...	...	...	...	...
(f) Sayabean	...	...	...	2·00	0·84	0·90	0·90	0·80	1·70	1·10	1·20
(g) Sunflower	...	...	...	...	...	...	...	...	...	0·05	0·10
<b>Total—Oilseeds</b>	...	...	...	11·10	6·00	5·52	5·72	4·92	10·50	9·95	10·40
2. Potato	...	...	... '000 stonne	192·00	149·46	154·60	145·40	71·10	178·00	146·00	168·30
3. Cotton	...	...	... '000 stonne	7·20	4·88	4·20	4·20	7·00	5·00	5·00	5·00
4. Jute and Mesta	...	...	... '000 tonnes	96·00	73·74	37·09	59·20	59·50	85·00	41·00	65·74
5. Mushroom	...	...	... '000 tonnes	...	...	...	...	...	0·10	0·0024	0·10
<b>III. Major HORTICULTURE CROPS—</b>											
1. Pineapple	...	...	... '000 tonnes	70·00	60·90	60·58	61·04	68·50	70·00	70·00	72·00
2. Banana	...	...	...	51·20	50·42	52·50	57·90	53·10	60·00	65·00	65·00
3. Oranges	...	...	...	48·00	32·76	34·77	37·50	37·10	46·00	40·00	47·00
4. Others (Temp. fruit, etc.)	...	...	...	34·00	30·45	31·05	33·53	36·35	38·00	38·00	40·00
<b>Total—(Horticulture)</b>	...	...	...	203·20	174·53	178·90	189·97	195·05	214·00	213·00	224·00

	1	2	3	4	5	6	7	8	9	10	
<b>IV. IMPROVED SEEDS.</b>											
(a) Production ... ..	..	...	'000 tonnes								
1. Cereals ... ..	...	..	...	...	...	...	...	...	0.005	0.006	
2. Pulses ... ..	...	..	...	...	...	...	...	...	0.001	0.002	
3. Oilseeds ... ..	...	..	...	...	...	...	...	...	0.001	0.002	
Total—(a) ... ..	...	..	...	...	...	...	...	...	0.007	0.010	
<b>(b) Distribution ... .. '000 tonnes</b>											
1. Cereals ... ..	...	..	1.500	0.680	0.340	0.470	0.490	1.10	1.10	1.50	
2. Pulses ... ..	...	..	0.100	...	1.010	...	0.008	0.10	0.10	0.03	
3. Oilseeds ... ..	...	..	0.100	0.040	0.020	0.030	0.047	0.10	0.10	0.05	
4. Cotton ... ..	..	...	0.160	0.001	0.001	0.070	0.003	0.10	0.08	0.22	
5. Jute and Mesta ... ..	...	..	0.100	...	..	...	0.007	0.10	0.10	0.10	
Total—(b) ... ..	...	..	1.900	0.721	1.371	0.570	0.555	1.50	1.48	1.90	
<b>V. Consumption of Chemical Fertilizers</b>											
(a) Nitrogenous (N) ... ..	...	..	'000 tonnes	4.00	1.55	1.97	1.75	1.603	3.60	2.80	3.30
(b) Phosphatic (P) ... ..	...	..	..	2.70	1.27	1.40	1.34	1.233	2.35	1.40	1.70
(c) Potassic (K) ... ..	...	..	..	0.80	0.17	0.23	0.17	0.226	0.70	0.30	0.50
Total—(NPK) ... ..	...	..	..	7.50	2.99	3.60	3.26	3.062	6.65	4.50	5.50

	1	2	3	4	5	6	7	8	9	10
<b>VI. PLANT PROTECTION</b>										
Consumption of Pesticides (Technical Grade material)	Tonnes		48.00	40.00	42.00	44.00	45.00	46.00	46.00	48.00
<b>VII. AREA UNDER</b>										
(a) Fertilizers	... ..	'000 ha	88.90	70.00	72.00	65.38	62.40	155.68	105.35	178.00
(b) Pesticides	... ..	,,	48.00	40.00	42.00	44.00	45.00	46.00	46.00	48.00
<b>VIII. AREA UNDER HYV</b>										
(a) Rice—Total area	... ..	'000 ha	141.30	110.99	108.54	108.50	109.70	114.00	110.00	109.50
HYV area	... ..	,,	44.00	33.00	29.25	35.55	35.90	35.50	36.00	37.00
(b) Wheat—Total area	... ..	,,	6.50	5.00	4.77	4.70	4.60	4.58	4.70	5.00
HYV area...	... ..	,,	6.50	5.00	4.77	4.70	4.60	4.58	4.76	5.00
(c) Maize—Total area	... ..	'000 ha	27.00	17.70	19.15	19.00	17.90	18.90	19.20	20.50
HYV area...	... ..	,,	14.50	10.00	9.70	9.64	9.66	10.60	10.20	11.00
Total area under above three cereals										
(a) HYV+Non—HYV area	... ..	'000 ha	174.80	133.69	132.46	132.20	132.20	137.48	133.90	135.00
(b) HYV area	... ..	,,	65.00	48.00	43.72	49.89	50.16	50.68	50.90	53.00
<b>IX. CROPPED AREA</b>										
(a) Gross area	... ..	'000 ha	235.00	231.00	232.00	233.00	234.00	235.00	236.50	238.00
(b) Net area...	... ..	,,	198.00	194.00	195.00	196.00	197.50	198.00	198.00	198.00
(c) Area shown more than once	... ..	,,	37.00	37.00	37.00	37.00	37.00	37.00	38.50	40.00

## 1.2 SOIL CONSERVATION

1.2.1 The approved outlay for the Seventh Five Year Plan for Soil Conservation Sector is Rs. 1250.00 lakhs. The actual expenditure for the First Four Years of the plan period (1985-89) amounted to Rs. 1313.21 lakhs. The approved outlay of Rs. 375.00 lakhs for 1989-90 will be utilised in full. The total anticipated expenditure during the Seventh Plan period therefore amounts to Rs. 1688.21 lakhs exceeding the approved outlay by Rs. 438.21 lakhs.

1.2.2 **A Review of Programmes during the Seventh Plan Period:**—The following schemes and programmes have been taken up during the Seventh Five Year Plan:—

- (A) Jhummia Rehabilitation Programme.
- (B) Water-Shed Management Scheme for specific Water-shed Areas.
- (C) Soil Conservation Measures in other General Water-shed Areas.

**(A) Jhummia Rehabilitation Programme:**—This scheme includes development of permanent cultivable lands with facilities for irrigation, supply of inputs like seeds and plants, manures and fertilizers, water supply, link roads, camp huts etc. Three independent cash crop divisions with headquarters at Shillong, Jowai and Tura had been created during 1987-88 for overall supervision of the cash crop programmes laying emphasis to redress the barren hill with cash crop plantation. During the Seventh Five Year Plan, about 2586 jhummia families are expected to be provided either with permanent land for regular cultivation or cash crop plantation. The anticipated physical achievements under the Jhum control scheme during the Seventh Five Year Plan is indicated below:—

(i) Terracing	...	...	951 hectares
(ii) Irrigation	...	...	1638 hectares
(iii) Camping equipments	...	...	120 Nos. (Camp Huts)
(iv) Link Roads	...	...	62.80 Kms.
(v) Cash Crop/Horticulture Crop Development Works:			
(a) Rubber...	...	...	1224 hectares
(b) Coffee	...	...	335 hectares
(c) Horticulture	...	...	250 hectares
(d) Cashewnut	...	...	175 hectares

**B. Watershed Management Scheme:**—This is a package scheme aiming at integration of various Soil and Water Conservation measures to be taken up on selected mini/micro watershed basis. During the current plan period 20 micro watersheds have been taken up. The physical achievements during the Seventh Plan period is as follows:—

(i) Terracing	...	...	...	1087 hectares
(ii) Afforestation	...	...	...	5168 hectares
(iii) Irrigation	...	...	...	1471 hectares
(iv) Link roads	..	...	...	44 Kms.
(v) Cash Crop/Horticulture Plantations:—				
(a) Horticulture	...	...	...	934 hectares
(b) Rubber	...	...	...	75 hectares
(vi) Fodder and Posture Development				22 hectares
(vii) Erosion control works	...	..		303 hectares

### C. Soil Conservation measures in

**Other General Watershed Areas:**—This scheme covers the other general areas outside those covered specifically by the Jhum control programmes or by the watershed Management Programme. The main objective is to reduce the erosion hazards and land degradation where cultivation with faulty practices are adopted by the individual cultivators. The following physical achievements are anticipated during the Seventh Plan period:—

(i) Erosion control works	...	...	...	1538 hectares
(ii) Afforestation	...	...	...	7333 hectares
(iii) Fodder and posture Development	...			41 hectares
(iv) Irrigation	...	...	...	1397 hectares
(v) Water harvesting structures				31 nos.
(vi) Terracing	...	...	...	1213 hectares

**1.2.3 Programmes for 1990-91:**—During 1990-91 under the Jhum control scheme, it is proposed to take up 252 hectares of land for permanent cultivation with assured irrigation facilities and necessary follow-up programmes and to take up 900 hectares under the cash crop programmes to benefit 850 Jhummi families.

Under the Watershed Management Scheme, it is proposed to take up five New Mini/Micro Watersheds during 1990-91.

Under the Soil Conservation Scheme in general watershed areas it is proposed to protect about 175 hectares of cultivable fields from river bank erosion, to reclothe 715 hectares of barren hill slopes with vegetation, to bring 250 hectares under irrigation and to construct 21 water harvesting structures to generate additional income to the beneficiaries by way of pisciculture.

The approved outlay for 1990-1991 under the Soil Conservation Sector is Rs.450.00 lakhs.

**1.2.4 Central Sector Scheme**—Under Central Sector Scheme, the control of shifting cultivation has been taken up in Meghalaya with hundred per cent financial assistance from Government of India for five years commencing from 1987-88 at a total cost of Rs.650.00 lakhs to cover 2252 tribal Jhumia families in 50 villages. The anticipated expenditure for 1989-90 is Rs.150.00 lakhs and the proposed outlay for 1990-91 is Rs.152.00 lakhs.

**1.2.5 20 Point Programme**—The Schemes implemented by the Soil Conservation Department such as Jhum control scheme, Watershed Management scheme and the Soil and Water Conservation works in general areas fall under Point No.9 Dry Land/Rain fed Farming and No 11 Soil Conservation of the 20 Point Programme. During 1989-90 only one new Micro watershed is being taken up while extension programme is being extended to the 19 on-going Micro-watersheds. The schemes like water conservation and distribution works and water harvesting works take care of the better use of irrigation water.

**1.2.6 North Eastern Council Programme**—Under North Eastern Council Programme the following schemes have been taken up during 1989-90.

#### (a) Regional Soil Conservation

**Training Institute, Byrnihat**—With financial assistance from the North Eastern Council, the training course for the field and technical level staff (Ranger's level) had been started since 1986. The estimated cost of the scheme is Rs.79.05 lakhs. The anticipated expenditure during 1989-90 is Rs.15.00 lakhs. From the year 1990-91 onward, all the infrastructure and staff created by the N. E. C. will be devolved on the State Government for maintenance.

**(b) Pilot Project on Watershed Management, Umtongphar**—The Scheme was sanctioned by the N. E. C. in 1986 at an estimated cost of Rs.134.91 lakhs to be funded by the N. E. C. & State Government on 50:50 basis. The Scheme when completed will cover 69 families involving 10 villages. The anticipated expenditure during 1989-90 is Rs.15.00 lakhs.

**(c) Fellowship and Short term training Programme**—Under this scheme funded by the N. E. C., the fresh candidates are sponsored by the State Government for B.Sc. (Agri) course and in service personnel for short term training course. The approved outlay for 1989-90 and 1990-91 is Rs.0.80 lakh and Rs.1.00 lakh respectively.

**1.2.7** The Programme-wise outlays and expenditure and also the physical targets and anticipated expenditure are appended after the Sector in Statement I and II.

## Outlay and Expenditure

## HEAD OF DEVELOPMENT : Soil and Water Conservation

Programme	Seventh Plan Outlay 1985-90	Expenditure				1989-90		1990-91
		1985-86	1986-87	1987-88	1988-89	Outlay	Anticipated Expenditure.	Approved outlay
1	2	3	4	5	6	7	8	9
1. Direction and Administration ... ..	167.00	62.75	49.54	58.28	77.98	86.99	96.08	80.90
2. Soil Survey and Testing ... ..	40.00	3.67	4.99	0.50	1.30	2.39	2.23	3.38
3. Soil Conservation .. ..	158.40	65.21	67.15	63.51	60.36	53.38	50.42	59.89
4. Extension and Training ... ..	31.00	4.43	2.48	3.95	3.75	5.67	3.90	14.93
5. Land Reclamation and Development ..	27.60	5.53	6.85	6.89	5.86	7.81	6.27	10.00
6. Non-residential Building and approach road.	22.00	11.70	17.59	17.64	14.47	15.77	16.63	34.35
7. Jhum Control Scheme ... ..	351.00	67.52	81.99	90.51	76.25	99.04	93.70	129.67
8. Watershed Management ... ..	406.00	79.67	90.59	79.75	83.17	90.74	83.89	92.00
9. Research, Field Trial and Experiment ...	23.00	1.12	1.35	1.99	1.53	2.68	1.72	2.96
10. Government residential Building ... ..	24.00	10.64	8.97	10.94	10.84	10.53	20.16	21.92
<b>Total—Soil and Water Conservation</b> ...	<b>125.00</b>	<b>312.24</b>	<b>331.50</b>	<b>333.96</b>	<b>335.51</b>	<b>375.00</b>	<b>375.00</b>	<b>450.00</b>



STATEMENT II

Physical Statement

HEAD OF DEVELOPMENT—Soil and Water Conservation.

Item	Unit	Seventh Plan Target	Achievement		
			1985-86	1986-87	1987-88
1	2	3	4	5	6
oil Conservation—					
(d) Erosion Control Works	... ha	660	292	452	381
(f) Afforestation ..	... ha	Department—Subsidy P—450 P—186v	Department—Subsidy P—48 P—89.70 C—400 C—241 M—482 M—515.75	Department—Subsidy P—650 P—279 C—704 C—226.5 M—680 M—285	Department—Subsidy P—430 P—380 C—650 C—270 M—1384 M—511
(g) Fodder and Pasture Development Works.	ha	150	20	5	6
(h) Water Conservation and Distribution Works.	ha	900	327	381.5	292
(i) Conservation Works in Urban Areas.	ha	150	2000 nos Ornamental tress	2000 nos Ornamental tress.	12

		1988-89	1989-90 Target	1219-90 Anticipated Expenditure Achievement	1990-91 Target
1	2	7	8	9	10
<b>Soil Conservation—</b>					
(d) Erosion Control Works	... ha	67.25 ha 1 no. spurs/retards 1 no. check dam 46 R/m.	167	167	250
(f) Afforestation	... ha	Department—Subsidy P—18 P—... C—212 C—196 M—2589 M—974	Department—Subsidy P—227 P—126 M—2669 M—1170.5	Department—Subsidy P—227 P—126 M—2669 M—1170.5	Department—Subsidy P—730 M—2296 M—1196
(g) Fodder and Pasture Development Works.	ha	P—10 C—15 M—8 ha	C—2 M—8	C—2 M—8	C—8 M—10
(h) Water Conservation and Distribution Works.	ha	48.15 1 no dam	135	135	300
(i) Conservation Works in Urban Areas	ha	...	Planting of Ornamental Tress.	Planting of Ornamental Tress.	2 Nos, Conservation ponds 8 ha Ornamental Plants

	1	2	3	4	5	6
(k) Water Harvesting/Farm Ponds, etc. ...				...	...	23 nos ponds
Extension and Training—						
(a) Conservation Training Institute	Nos	250 nos trainees	32 nos trainees	23 nos trainees	23 nos trainees	23 nos trainees
(b) Training at Soil Conservation Centre.	Nos	...	1 no. Gazetted Officer 2 nos. Non-Gazetted Officers.	1 No.	1 No. Non-Gazetted	1 No. Non-Gazetted
(c) Extension Programms and Information.	...	...	...	..	1 No.	1 No.
Land Reclamation and Development--						
(a) Terracing ... .. ha		606	178	265	194	194
(b) Reclamation of Valley Bottom lands.	ha	200	270	18	20	20
(c) Follow-up-Programmes ... ha		870	...	87	148	148

	1	2	7	8	9	10
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(k) Water Harvesting/Far.n Ponds etc. ... 10 nos 17 nos 17 nos 21 nos Water harvesting-structures

Extension and Training—

(a) Conservation Training Institute Nos 1 no staff 30 nos trainees 38 nos trainees 45 nos trinces, 47 nos staff from the N E C programme to be maintained under state plan besides other infrastructures etc. required for the Training Institute.

(b) Training at Soil Conservation Centre. Nos ... ..

(c) Extension Programmes and Information. ... ..

Land Reclamation and Development—

(a) Terracing ... .. ha 35 248 248 275

(b) Reclamation of Valley Bottom lands. ... .. 30

(c) Follow-up-Programmes ... .. ha 35 145 145 305

	1	2	3	4	5	6
<b>Other Expenditure—</b>						
(a) Construction of Approach Roads to Work Areas.	Km.		15	3.5 Road, 4 Nos. Construction, 3 Nos Culvert.	4.9 m. and 2 Nos. Construction M—11 Kms.	1.25 Kms. and 3 Nos. Construction.
(b) Construction and Maintenance of Departmental Non-Residential Buildings.	Nos.	C—30, M—122		22	8	14
<b>(c) Jhum Control Schemes—</b>						
(i) Terracing ... ..	Ha.		690	122	140 and maintenance of Machineries.	230
(ii) Reclamation of valley bottom lands.	Ha.		300	10	5	27
<b>(iii) Follow up Programme—</b>						
(a) Seeds and Plants ... ..	Ha. }				135	200
(b) Manures and Fertilizers. ... ..	Ha. }		1290	205	205	200
(c) Cultivation/Intercultural Works	Ha. }				217	307
(iv) Afforestation ... ..			...	...	...	...
(v) Water Conservation and Distribution/Irrigation.	Ha.		1290	197	387	617
(vi) Camp and Camp Equipments	Nos.		75	32	C—32, M—9	19
(vii) Drinking Water ... ..	Nos.		60	10	11	5
(ix) Link Roads ... ..	Kms.		75	15	C—17.5, M—78.98	C—10.5, M—59.3

1	2	7	8	9	10
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800—Other Expenditure—

(a) Construction of Approach Roads to Work Areas.	Km.	C—1.3 Km, M—6 Km.	C—5.5 Km, M—43 Km.	C—5.05 Km, M—43 Km.	10 Km. M—15 Km.
(b) Construction and Maintenance of Departmental Non-Residential Building.	Nos.	6 Nos. Construction and M—2.10 Kms.	C—11 Nos., M—11 Nos. improvement—6 Nos. extension—2 Nos.	C—11 Nos., M—11 Nos. improvement—6 Nos. extension—2 Nos.	C—18 Nos., M—11 Nos.
(c) Jhum Control Schemes—					
(i) Terracing ... ..	Ha.	69	210	210	290
(ii) Reclamation of Valley bottom lands.	Ha.	...	...	...	10
(iii) Follow up Program—					
(a) Seeds and Plants ... ..	Ha.	3	329	329	} 300
(b) Manures and Fertilizers ...	Ha.	6	409	409	
(c) Cultivation/Intercultural Works	Ha.	2.5	190	190	
(iv) Afforestation ... ..	..	..	...	...	
(v) Water Conservation and Distribution/Irrigation.	Ha.	9.75 M—5	190	190	300
(vi) Camp and Camp Equipments	Nos.	C—9, M—1	24	24	28
(vii) Drinking Water ... ..	Nos.	...	9	9	14
(ix) Link Roads ... ..	Kms.	C—0.4, M—45	C—7.8, M—69	C—7.8, M—69	C—15, M—76

1		2		3		4		5		6	
(x) Cash/Horticultural Development Works.	Crop Deve- lopment Works.	Ha	Depttl. Rubber Pre-144 Coffee— Pre-225	Subsidy 570 288	Depttl. Rubber Pre-92 C-90 M-109 Coffee Pre-22.11 C-63 M-102	Subsidy ... ... .. ... ... ...	Depttl. Rubber Pre-157.50 C-185.5 M-169 Coffee Pre-41 C-57 M-155 Horticulture Pre-35 C-16.5	Subsidy ... ... ... ... ... ... ... ... ... ... ...	Depttl. Rubber Pre-64 C-81 M-159 Coffee Pre-23 C-41 M-76.5 Horticulture Pre-25 C-35 M-12.5 Black Pepper Pre-	Subsidy 53 73.5 168.5 18 15 73 ... ... ... 5	
Total Nos. of Jummias Families benefited.		Nos.	2217		...		404		475		
(d) Watershed Management—											
(a) Land Development for Agricultural Works.											
(i)	Terracing ...	Ha.	1028		261		195		160		
(ii)	Reclamation of Valley bottom lands.	Ha.	600		40		10		14		
(iii)	Follow-up Programme —										
(a)	Seeds and Plants ...	Ha.					278		70		
(b)	Manures and Fertilizers ...	Ha.	1620		...		519		95		
(c)	Cultivation/Intercultural Works	Ha.]					28		95		
(iv)	Afforestation ...	Ha.	Depttl. Pre-2100	Subsidy 190	Depttl. Pre-330.75	Subsidy Pre-100	Depttl. Pre-446	Subsidy ...	Depttl. Pre-225	Subsidy Pre-120	

1	2	7	8	9	10				
(x) Cash/Agricultural Crop Development Works.	Ha.	Subsidy	Depttl.	Depttl.	Subsidy	Depttl.	Subsidy	Depttl.	Subsidy
		Rubber	Rubber	Rubber		Rubber		Pre-960	
		Pre—	36	Pre-93	52	Pre-93	52	M-337	267
		C-17	9.47	M-254	345	M-25	345	Coffee	
		M-175	127	Coffee		Coffee		M-172	71
		Coffee		Pre-26	10	Pre-26	26	Cashewnut	
		C-24	..	M-156	61	M-156	61	M-55	65
		M-1(9.5	..	Cashewnut		Cashewnut		Horticulture	
		Black Pepper		Pre-25	40	Pre-25	40	M--75	72
		M-5	...	M-30	25	M-30	25	Black Pepper	
		Horticulture		Horticulture		Horticulture		M-5	..
		C-22	...	Pre-20	50	Pre-20	50		
		M-33	...	M-71	22	M-71	22		
		E. Cashewnut				Black Pepper			
		P- ...	30			M-5			
		C-22.6	6.90						
Total Nos. of Jhumias Families benefited.	Nos.	...		526		526		850	
(d) Watershed Management—									
(a) Land Development for Agricultural Works.									
(i) Terracing ...	Ha.	136		251.25		251.25		300	
(ii) Reclamation of Valley bottom lands.	Ha.	...		3		3		10	
(iii) Follow-up Programme—									
(a) Seeds and Plants ...	Ha.	35		352		352			
(b) Manures and Fertilizers ...	Ha.	...		363		363		310	
(c) Cultivation/Intercultural Works	Ha.	...		136		136			
(iv) Afforestation ...	Ha.	Depttl.	Subsidy	Depttl.	Subsidy	Dept l.	Subsidy	Depttl.	Subsidy
		Pre-56	12	Pre-161	71	Pre-161	71	Pre—	300
		C-177	14	M-2883	540	M-2883	540	M-2114	486
		M-2663	195						



1	2	3	4	5	6
(v) Conservation and Distribution Work/Irrigation.	Ha.	1600	365	364 ha	210 ha
(vi) Camp and Camps equipments.	Nos.	75	17 units.	C-12 Nos M-30 Nos.	6 Nos.
(viii) Drinking Water ..	Nos.	60	5 units.	C-4 Nos M-4 Nos.	5 Nos.
(ix) Link Roads ...	Kms.	72	12.65	C-10 M-115.4	C-5.5 M-8
(x) Cash/Horticultural Crops Development.	Ha.	690	Rubber Pre-20 Coffee M-25 Horticultural Pre-68 C-55 Citrus Pre-15 C-12 M-5 oranges 150 beds.	Pre-128 C-163 M-97	Rubber Pre-5 Coffee M-25 Horticulture Pre-85 C-67 M-5
(xi) Fodder and pasture Development Works.	...	...	...	..	..
(xii) Erosion Control Works.	...	...	..	...	65
Agricultural Research and Education— Soil and Water Conservation Research— Soil Conservation Research Centre	...	Staff and office expenses.	18 Nos. dams and experimental Works	2 Nos. Staff	2 Nos. dams and experimental works
(b) Field trial and experiment ...	...	...	Experimental Works	6.98 ha and experimental plots	4.10 ha
Housing—01- Government Residential Buildings— Other Housing— II Construction	...	Nos.	16 Nos.	12 Nos.	2 Nos.
III Maintenance and repairs ..	Nos.	71 Nos.	1 Unit renovation	7 Nos and 3 Nos Water Connection.	5 Nos. 5 Nos. Construction 1 No. Extension M-3 Nos.

	2	7	8	9	10
(v) Conservation and Distribution Works/Irrigation.	Ha.	172.65 ha	270 ha	270 ha	300 ha
(vi) Camp and Camps equipments ...	Nos.	11 Nos.	14 Nos.	14 Nos.	15 Nos.
(viii) Drinking Water ... ..	Nos.	6 Nos	6 Nos.	6 Nos.	12 Nos.
(ix) Link Roads ... ..	Kms	C-3 M-119	C-4 M-122	C-4 M-122	C-18 M-160
(x) Cash/Horticultural Crops Development.	Ha	Deptl. Rubber P-Nil C-15 M-50 Coffee M-25 Horticulture P-36 C-35 M-256	Horticultural Pre-52 M-501 Rubber C-5 M-45 Coffee M-20	Horticultural Pre-52 M-501 Rubber C-5 M-45 Coffee M-20	Horticultural Pre-530 C- M-528 Rubber C- M-50 Coffee M-5
(xi) Fodder and Pasture Development Works.	...	...	C-5 M-10	C-5 M-10	M-15
(xii) Erosion Control Works ... Agricultural Research and Education— Soil and Water Conservation Research— Soil Conservation Research Centre	... ... ...	110  1 No. Staff	186.75  Staff and Office expenses	186.75  Staff and Office expenses	200  Staff and Office expenses
(b) Field trial and experiment ... ..	...	M-4 ha 8 ha	C-7.5 ha M-10 ha	C-7.5 ha M-10 ha	C-10 ha M-17.5 ha
Housing—01— Government Residential Buildings— Other Housing— II Construction ... ..	Nos.	1 No	C-11 Nos Exten—1 Nos Improvement 2 Nos.	C-11 Nos Exten—1 Nos Improvement 2 Nos.	C-12 Nos.
III Maintenance and repairs ...	Nos.	...	26 Nos.	26 Nos.	M-37 Nos.

### 1.3 ANIMAL HUSBANDRY

1.3.1 The Seventh Five year Plan approved outlay for Animal Husbandry is Rs. 630.00 lakhs. The actual expenditure for first four years from 1985-86 to 1988-89 was Rs. 602.31 lakhs. The approved outlay of Rs. 226.50 lakhs for 1989-90 will be spent in full. The anticipated expenditure during the Seventh Plan period would be Rs. 828.81 lakhs which exceeds the originally approved Seventh Plan outlay by Rs. 178.81 lakhs.

#### 1.3.2. A review of programmes during the Seventh Plan period—

The main activities under different Schemes during Seventh Plan period are summarised below—

(a) **Cattle Development**—Systematic efforts were made to popularise cross breeding of cattle by means of artificial insemination with semen from exotic bull. As a result 7000 cross bred calves were produced annually. 74,600 inseminations were performed for the period from 1985-86 to 1988-89 and 14,500 inseminations are expected to be performed during 1989-90.

(b) **Poultry Development**—The production of improved chicks has increased from 70.3 thousand in 1985-86 to 80'00 thousand in 1989-90. The Regional Poultry Breeding Farm, Kyrdemkulai has been producing improved breeding stock for supply to the farmers in Meghalaya and other N.E. States.

(c) **Piggery Development**—The Regional pig breeding farm, Kyrdemkulai will be completed during 1989-90 to upgrade the existing stock in order to meet the demand of the tribal farmers. All the existing piggery farms are striving to achieve self-sufficiency in pork and production of improved breeding stock.

(d) **Veterinary Services and Animal Health**—Effective steps were also taken to improve facilities for health cover to reduce economic loss of the farmers due to mortality. During the Seventh Plan period, five new Veterinary Aid Centres were established and Six Mobile Veterinary Dispensaries were provided to Six new Sub-divisions.

1.3.3 **Programmes for 1990-91**—The approved outlay for 1990-91 is Rs.281.00 lakhs. The main programmes include the following :—

(a) **Cattle Development**—For effective use of frozen semen technology, 50 Veterinary Dispensaries and 51 Veterinary Aid Centres will be provided with artificial insemination facilities, 38000 artificial insemination will be performed and about 18000 cross bred calves are expected to be produced during 1990-91. Subsidy will be provided to the interested farmers for rearing cross-bred cows/heifers.

(b) **Poultry Development**—The Regional Poultry Breeding Farm, Kyrdemkulai will continue to produce and supply improved breeding stock to the farmers in the State and to meet the requirement of other N.E. States. A broiler chick production farm will be set up at Kyrdemkulai for production of commercial broilers. Incentives in the form of subsidy will be given to farmers for setting up poultry units broiler units for egg and meat production.

(c) **Piggery Development**—More than, 1,50,000 pigs are Slaughtered annually and about 15,000 pigs are imported from outside the State to meet the increasing demand for pigs. A cluster of villages around Shillong, Jowai and Tura will be adopted to introduce Special Piggery Development Scheme to intensify piggery production programme. The existing piggery farms at Mawryngkneng, Jowai and Tura will be strengthened by increasing their capacity to atleast 30-50 breedable sows each.

(d) **Feed and Fodder Development**—Production of fodder in all Government fodder farms will be increased to meet the full requirement of Government cattle farms. It is also proposed to produce high yielding variety of fodder seed at fodder seed production farm, Kyrdemkulai for distribution to the farmers. Farmers also will be encouraged for production of fodder in their own fields by granting them subsidy,

(e) **Veterinary Services and Animal Health**—All the existing Veterinary Dispensaries and Veterinary Aid Centres will be effectively utilised to full capacity for providing health cover to livestock. Two new Veterinary Hospitals are proposed to be established at Jowai and Tura. It is proposed to establish check posts in some interstate and international border to prevent ingress of contagious diseases.

(f) **Policy Decision**—A decision has been taken to involve the farmers in a large way in Dairy, Piggery and Poultry production programmes by introducing farmers' oriented schemes to be linked with institutional finance. Provision has been made in the budget for 1990-91 for implementation of such schemes.

1.3.4 **20-Point Programme**—The Schemes under Special Livestock Breeding Programme are implemented under 20-Point Programme for augmenting production of milk, meat and egg. The financial and physical achievements during 1989-90 are indicated below—

Scheme	Financial Achievement	Physical Achievement
1. Rearing of Cross-bred heifers ...	Rs. 1.81 lakhs	32 Units
2. Piggery production Programme	Rs.16.64 lakhs	242 Units
3. Poultry Production Programme...	Rs. 4.36 lakhs	45 Units

1.3.5 **Centrally Sponsored/Central Sector Schemes**:—The following schemes are being implemented during 1989-90 and the same will continue in 1990-91—

- (1) Foot and Mouth Disease Control.
- (2) Animal Disease Surveillance.
- (3) Operation Rinderpest zero.
- (4) Systematic control of Livestock disease of National importance.
- (5) Sample survey on estimation of production of major Livestock products.
- (6) Backward Poultry Production Unit for Women in Backward tribal areas.

**1.3.6 N. E. C. Programme**—The Scheme for training of students in B.V.Sc/B. Sc.(DT) will continue. The anticipated expenditure during 1989-90 is Rs.0.75 lakh and the approved outlay for 1990-91 is Rs.1.00 lakh. The Regional Pig Breeding Farm, Kyrdemkulai has been fully funded by the N. E. C. at an estimated cost of Rs.65.10 lakhs. The outlay sanctioned for this scheme by the N.E.C. during 1989-90 is Rs.4.95 lakhs which will be spent in full. This Scheme will be completed in all respect during the current year and will be devolved on the State Government for maintenance from 1990-91 onward. This farm was inaugurated by the Hon'ble Chief Minister on 12th May, 1989. This farm would be adequately utilised to upgrade the existing stock and meet the demand of the tribal farmers for rearing of pigs.

1.3.7 The Schematic outlays and expenditure and physical achievements are shown in Statements I and II annexed after this chapter.

**STATEMENT--I**

**OUTLAY AND EXPENDITURE**

Head of Development:—ANIMAL HUSBANDRY

in lakhs

Programme	Seventh Plan (1985-90)	Actual Expenditure				1989-90		1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Antici- pated Ex- penditure	
1	2	3	4	5	6	7	8	9
<b>CONTINUING SCHEMES:</b>								
1. Direction and Administration ...	72.65	21.05	29.91	30.39	37.39	45.85	45.85	27.20
2. Vety. Services and Animal Health ...	120.00	18.57	23.88	27.25	43.41	44.54	44.15	36.07
3. Cattle and Buffalo Development ...	150.80	27.19	25.46	27.51	30.52	34.30	34.30	29.07
4. Poultry Development ...	117.00	22.68	26.84	26.19	26.90	34.90	34.90	36.82
5. Sheep and Goat Development ...	18.50	0.85	0.35	0.42	1.27	0.95	0.95	2.23
6. Piggery Development ...	50.00	10.34	0.30	11.64	16.23	24.65	24.65	33.88
7. Feed and Fooder Development ...	34.30	5.17	5.36	7.41	6.18	9.40	9.40	22.36
8. Administrative Investigation and Statistics	15.20	1.96	2.29	2.67	5.81	3.60	3.60	0.55
9. Education and Training ...	19.00	5.01	6.69	6.98	7.64	8.95	8.95	3.53
10. Research ...	18.00	2.16	2.10	2.49	3.60	3.45	3.45	7.35
11. State Share/Central Sector/Centrally Spon- sored Scheme.	34.55	3.84	7.61	7.05	15.75	16.30	16.30	28.50
<b>Total- Continuing Schemes</b>	<b>650.00</b>	<b>118.82</b>	<b>138.79</b>	<b>150.00</b>	<b>194.70</b>	<b>226.50</b>	<b>226.50</b>	<b>227.56</b>

1	2	3	4	5	6	7	8	9
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**NEW SCHEMES:**

**Direction and Administration:**

1. Marketing Cell ... .. 4.90

**Vety. Services and Animal Health:**

1. Upgrading of Vety. Dispensary Jowai/Tura into Hospital. ... .. 3.00

2. Construction of New Vety. Dispensary ... .. 5.50

3. Establishment of Check posts at Khasi/Jaintia/Garo. ... .. 1.00

4. Upgrading of Vety. Aid Centre Sohiong into Dispensary. ... .. 3.00

**Cattle Development:**

1. Cattle Farm, Jaintia Hills to be shifted from Upper Shillong. ... .. 2.00

2. Adoption of one Village near and around the District Headquarter for Cattle Development. ... .. 2.50

	2	3	4	5	6	7	8	9
<b>Poultry Development:</b>								
1. Broiler Farm, Kyrdemkulai ... ..	...	...	-	...	...	...	...	3.50
2. Duck Farm, Garo Hills... ..	...	..	..	...	...	...	...	0.75
3. Adoption of 1 (one) Village near and around the District Headquarter for Poultry Development.	...	...	...	...	...	..	...	5.00
<b>Piggery Development:</b>								
1. Adoption of 1 (one) Village near and around District Headquarters for Piggery Development.	..	...	...	...	...	..	...	12.00
<b>Feed and Foder Development:</b>								
1. Foder Farm, Saitsama ... ..	..	..	...	..	...	...	...	0.54
<b>Education:</b>								
1. Vocational Training for farmers .. ..	...	...	..	...	...	...	...	9.75
<b>TOTAL NEW SCHEMES</b>								
	...	..	...	...	..	...	...	53.44
<b>GRAND TOTAL</b>								
	650.00	118.82	138.79	150.00	194.70	226.50	226.50	281.00



**STATEMENT II**  
**PHYSICAL STATEMENT**

**Head of Development—ANIMAL HUSBANDRY**

Items	Unit	Seventh Plan Target	Achievement				1989-90		Target 1990-91	
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Achievement		
1	2	3	4	5	6	7	8	9	10	
<b>LIVE-STOCK PRODUCTS—</b>										
1. Eggs	... ..	Million Nos.	45.00	57.8	60.0	61.6	66.6	67.8	67.8	74.5
2. Meat	... ..	'000' Tonnes	21.0	13.6	15.2	16.9	18.7	19.2	19.2	20.6
<b>ANIMAL HUSBANDRY PROGRAMMES—</b>										
1. Intensive Cattle Development Project	...	Nos.	2	2	2	2	2	2	2	2
2. Frozen Semen Station	... ..	Nos.	...	...	...	...	...	...	...	2
3. No. of Insemination performed with exotic bull semen	...	'000' Nos.	90.0	21.4	23.9	16.7	12.6	14.5	14.5	38.0
4. Establishment of Sheep Breeding Farm	...	Nos.	1	1	1	1	1	1	1	1
5. Establishment of Fodder Seed Production Farm.	...	Nos.	3	3	3	3	3	3	3	4
6. Veterinary Hospital	... ..	Nos.	3	1	1	1	1	1	1	3
7. Veterinary Dispensaries	... ..	Nos.	56	53	53	53	53	53	53	56 Cumulative.
8. Veterinary Aid Centre	... ..	Nos.	73	43	49	49	49	52	52	52 Cumulative.

## 1.4. DAIRY DEVELOPMENT

1.4.1. The approved outlay for the Seventh Plan under the Dairy Sector is Rs.100.00 lakhs. The actual expenditure for the first four years from 1985-86 to 1988-89 was Rs.84.86 lakhs. The approved outlay of Rs.30.00 lakhs. for 1989-90 will be utilised in full. The anticipated expenditure during the Seventh Plan period would, therefore, be Rs.114.86 lakhs thereby exceeding the Seventh Plan approved outlay by Rs.14.86 lakhs

### 1.4.2. A Review of programmes during the Seventh Plan period—

During the Seventh Plan period infrastructural facilities were created for scientific procurement, processing and distribution of milk in the State. The Schemes implemented are Central Dairy, Shillong, Rural Dairy Extension Centre at Jowai, Town Milk Supply Scheme, Tura and Chilling Centres Gangdubi and Nongstoin. The Central Dairy at Mawiong (Shillong) and Chilling Plant at Gangdubi were commissioned during the Seventh Plan period. These Schemes also serve as markets to cattle breeders for sale of their fluid milk.

Systematic Survey of production of milk in the State reveal that the production of milk has increased from 46.1 thousand tonnes in 1985-86 to 47.10 thousand tonnes in 1988-89 and the anticipated production in 1989-90 is 50.5 thousand tonnes. The percapita availability of milk is only 84.68 grams as against the nutritional requirement of 125 grams.

### 1.4.3. Programme for 1990-91

The average quantity of milk produced and distributed is below the requirement. Steps will be taken to optimise the capacity utilisation of all existing Dairy Schemes with the objective of meeting the general shortage of milk particularly in Urban Centres of the State. The approved outlay for 1990-91 is Rs.40.00 lakhs.

The total production of milk in the State will be increased to 58.3 thousand tonnes in 1990-91. There will also be proportionate increase in the capacity utilisation of all existing Dairy Schemes to meet the requirement.

1.4.4. The Schematic outlays and expenditure and physical achievements are shown on the statement I and II annexed below.

**Statement—I**

**OUTLAY AND EXPENDITURE**

**Head of Development Dairy Development**

(Rs. lakh)

Programmes	Seventh Plan Outlay (1985-90)	Actual Expenditure				1989-90		1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9
1. Direction and Administration ...	3.00	1.42	0.77	0.95	0.94	1.20	1.20	2.17
2. Cattle-cum-Diary Development Project	86.00	15.56	19.16	21.05	24.01	28.75	28.75	37.83
3. Education ... ..	1.00	...	...	...	...	0.05	0.05	...
4. State Share of Centrally Dairy Project	10.00	...	...	...	...	...	...	...
<b>Total</b> ... ..	<b>100.00</b>	<b>17.98</b>	<b>19.93</b>	<b>22.00</b>	<b>24.95</b>	<b>30.00</b>	<b>30.00</b>	<b>40.00</b>

**Statement - II**

**PHYSICAL STATEMENT**

Head of Development : **Dairy Development**

Item	Unit	Seventh Plan Target	Achievement				1989-90		Target 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Achievement	
1	2	3	4	5	6	7	8	9	10

**DAIRY PRODUCTS—**

1. Milk	...	...	...	'000' Tonnes	75.0	46.1	47.0	40.9	47.10	51.9	50.5	58.3
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**DAIRY PROGRAMMES—**

1. Fluid Milk plan in operation	...	Nos.	7	5	5	5	5	5	5	5	6
2. Creamery in operation	...	Nos.	1	1	1	1	1	1	1	1	1
3. District Dairy Co-operative Society		Nos.	15	1	1	15	15	15	15	15	45

D-6134

District Dairy Development Unit,  
Department of Information

## 1.5. FISHERIES

1.5.1. The Planning Commission originally approved an outlay of Rs. 180.00 lakhs for the 7th Five Year Plan for Fisheries. It however went up on the basis of annual Plan allocations. The annual plan allocations and expenditure are as follows:—

Year	Annual Plan allocations (Rs. lakhs)	Expenditure (Rs. lakhs)
1	2	3
1985-86	40.00	26.74
1986-87	41.00	37.52
1987-88	45.00	39.81
1988-89	45.00	40.63
1989-90	65.00	65.00
<b>Total</b>	<b>236.00</b>	<b>209.70</b>

The above figures show that the actual outlay ultimately approved for fisheries for the 7th Five Year Plan is Rs. 236.00 lakhs against which the expenditure is about Rs. 209.70 lakhs leaving a shortfall of Rs. 26.30 lakhs. Though a few new schemes were proposed to be undertaken for improvement of the existing facilities and also for introduction of new and modern fishery system and techniques due to inadequate infrastructure, these schemes could not be implemented, because of which the shortfall has been caused.

1.5.2. During 7th Five Year Plan period the main thrust in Fisheries sector was on the creation of infrastructure and improvement of the existing infrastructure for increasing the production of fish and fish-seeds. For achieving these objectives emphasis was given on the following activities:— (1) Establishment of new fish seeds farms and improvement of the existing farms, (2) Increase the water areas for production of fish (3) Assistance to the private fish farmers for taking up fish culture as a productive and income generating avocation. Develop the rivers, streams, ponds, beel and lakes for fish culture and their protection (5) Extension and training of improved fishing techniques (6) strengthening the administrative infrastructure at all levels for effective implementation of the various schemes undertaken for development and expansion of fish culture and to increase the fish production to meet the demand of fish.

1.5.3 The outlay approved for 1990-91 is Rs. 70.00 lakhs only During the year the activities which were undertaken during the 7th plan period will be continued. Efforts will be made to intensify and expand these activities to cover more areas under fish production and involve more farmers in fish culture.

1.5.4. The scheme wise expenditure incurred during 7th plan and outlay proposed for 1990-91 and the physical targets and achievement are shown in the Statement I and II below.

1.5.5. N. E. C Schemes:—Two fisheries schemes viz:—(1) Regional fish-seed Farm at Jange in East Garo Hills ; (2) Reclamation of beel fisheries sponsored by N. E. C. were undertaken for implementation in the State during the 7th plan period. Both these schemes are expected to be completed in 1989-90 for which outlays of Rs. 18.08 lakhs and Rs 4.99 lakhs are available.

**STATEMENT--I**  
**Outlay and Expenditure**

(Rs. in lakhs)

Head of Development :—FISHERIES

Programme	7th Plan outlay (1985-90)	Actual Expenditure				1989-90		190-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Approved outlay	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9
Continuing Scheme:--								
1. Direction and Administration--								
(a) Directorate ... ..	12.00	0.79	2.074	3.64	3.58	8.00	8.00	5.00
(b) District ... ..	12.00	1.21	1.905	4.30	6.43	11.50	11.50	5.00
2. (a) Research in Fisheries ... ..	4.00	1.66	0.95	0.80	0.92	1.00	1.00	1.00
3. Extension and Training--								
(a) Extension ... ..	10.00	3.07	1.864	1.81	} 2.57	4.20	4.20	3.50
(b) Training and conducted tours to private Pisciculturists	2.00	0.20	0.25	0.50				
4. (a) Training and Studies ... ..	1.00	0.04	0.004	0.17	...	...	...	...
5. Inland Fisheries--								
(a) Induced Breeding Centre ... ..	2.00	0.06	0.07	0.19	...	...	...	...
(b) Fish-seed Production and Demonstration Centres.	35.00	8.05	11.33	11.52	9.73	15.00	15.00	22.00

(c) Installation of Chinese Hatchery ...	3.00	...	..	...	3.76	1.50	1.50	...	
(d) Assistance to Pisciculturists ...	30.00	7.00	7.00	5.00	4.50	6.00	6.00	6.00	
(e) Development of Lakes and Reserviors ...	5.00	1.07	1.084	1.44	1.66	3.00	3.00	6.00	
(f) Conservation and Legislation for protection of Fisheries	2.50	...	0.34	0.43	1.44	2.30	2.30	...	
(g) Trout Culture ..	2.00	0.03	0.06	0.90	} 0.44	1.00	1.00	1.00	
(h) Culture and Development of Mahaseer	2.00	0.15	0.50	0.50		...	...	2.50	
(i) Paddy-cum-fish culture ...	20.00	1.40	1.50	1.00	...	...	...	...	
(j) Reclamation of Swamps/Derelicts ...	1.50	...	0.50	0.30	...	...	...	...	
(k) Welfare of Fishermen ...	1.00	0.10	0.20	0.50	0.50	0.50	0.50	1.00	
6. Processing Preservation and Marketing—									
(a) Marketing and Transport of Fish and Fish-seed.	5.00	0.06	0.95	1.43	0.90	1.00	1.00	3.00	
7. (a) Construction and Maintenance of the Departmental Non-Residential Building.	10.00	1.85	1.94	2.42	1.42	7.00	7.00	6.00	
8. Government Residential Building—									
(a) Construction and improvement of Departmental Residential Building.	20.00	..	5.00	2.96	2.78	3.00	3.00	5.00	
9. New Schemes—									
Fish-cum-Piggery/Duckery/Poultry Farming	...	...	...	..	...	...	...	3.00	

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**GRAND TOTAL**

180.00

26.74

37.52

39.81

40.63

65.00

65.00

73.00

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## STATEMENT II

### PHYSICAL TARGETS AND ACHIEVEMENTS

**Head of Development: Fisheries**

Item	Unit	Seventh Plan target	Achievements				1989-90		Target 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9	10
<b>FISHERIES.</b>									
1. Fish Production—									
(a) Inland ...	'000' Tonnes	6.00	0.672	0.604	0.853	0.536	1.0	1.0	1.5
2. Fish-seed Production—									
(a) Fry ...	Million	10.00	0.3735	0.399230	0.548	0.7	1.2	1.2	3.5
(b) Fingerlings ...	Million	2.5							
3. Fish-seed Farm ...	Nos.	5	...	..	1	1	1	1	1
(b) Nursery Areas ...	Hectares	10.00	...	...	...	0.13	0.5	0.5	0.5
(c) No. of hatchery ...	No.	5	..	...	...	1	...	..	...
4. Development of Reservoir and lakes.	No. in lakhs (Seed stocking).	10.00	...	...	...	1.60	2.0	2.0	...

## 1. 6. FORESTRY AND WILDLIFE

1.6.1 The Planning Commission originally approved and outlay of Rs.2,900.00 lakhs for 7th Five-Year Plan. On the basis of the outlays approved for annual plan. The total outlay went upto Rs.3,400.10 lakhs. The year-wise annual outlay and the expenditure are as given below:—

Year	Annual Plan Outlay (Rs. lakhs)	Expenditure (Rs. lakhs)
1	2	3
1985-86	526.00	565.15
1986-87	566.60	469.63
1987-88	640.00	607.80
1988-89	832.50	641.09
1989-90	835.00	817.00 (Anticipated)
<b>TOTAL</b>	<b>3,400.10</b>	<b>3100.67</b>

The above figures show that though the annual outlays for 5 years went up by about 17 per cent of the originally approved outlay, there may be a shortfall in expenditure by 8 P.C. or more.

#### 1.6.2 Brief Resume of the Activities under Plan Programmes Schemes during the 7th Plan period

During the 7th Plan in the Forestry Sector the main emphasis was laid on two aspects viz. bringing more areas under tree cover with large scale afforestation and protecting the areas that are presently under forest cover. Under the wildlife sector, acquisition of land for preservation of Wild Life was done for an area of 362,48 Square Kilometre at Nohkrek and Balphakram.

The Social Forestry wing continued their main activities of afforestation works, which included plantation of fuelwood species and plantation in the various community and private lands. The total area covered under the Seventh Plan is 54,000 has at a total cost of Rs.1,147 lakhs.

#### 1.6.3. A brief note on the programmes for 1990-91

Most of the Programme in the Seventh Plan will be continued in the year. Under the various afforestation schemes a significant allotment of Rs.92.94 lakhs has been earmarked for unified control of management of forest which will take care of forest outside the Government control. Forests which have been preserved from time immemorial in the form of sacred groves have been deteriorating due to neglect, Fund are being allotted to protect such areas which are of immense ecological interest. Consolidation and development of Wildlife protected areas acquired in the 7th Plan will also be done during the year.

The financial target for the year 1990-91 under the State Plan sector Rs.730 lakhs, Centrally Sponsored Scheme along with the Central Sector Scheme is Rs.535 lakhs and the North Eastern Council Sector Scheme is Rs.10 lakhs.

Under the 20 points programme 300,00,000 numbers of trees were planted during the year. During 1990-91, 2,54,00,000 trees is expected to be planted up under the programme.

1.6.4. The programme-wise outlay and expenditure and the physical targets and achievements during the 7th Plan period and for 1990-91 are given in the Statements I and II below :—

## Outlay and Expenditure

Head of Development: FORESTRY AND WILDLIFE

(Rs. in lakhs)

Programme	Seventh Plan Outlay 1985-90	Actual Expenditure				1989-90		1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Appro- ved Outlay.	Antici- pated Expen- diture.	
1	2	3	4	5	6	7	8	9
Continuing Schemes on State Plan—								
A. Direction and Administration ... ..	78.00	15.01	12.96	21.71	21.56	23.50	21.18	20.00
B. Statistical planning and Evaluation Unit ...	11.00	0.66	1.43	2.36	1.37	3.50	3.25	3.50
C. Extension and Training ... ..	40.50	3.30	4.32	5.94	6.70	18.00	16.75	13.00
D. Survey of Forest Resources ... ..	46.00	5.83	9.02	8.81	8.38	12.00	14.62	15.00
E. Forest Conservation and Development ... ..	139.00	24.69	23.34	22.66	25.82	35.00	35.00	132.34

	1	2	3	4	5	6	7	8	9
F. Social & Farm Forestry	...	1123.00	56.28	133.63	291.73	344.58	588.00	321.05	334.46
G. Production Forestry	... ..	191.00	29.37	55.47	51.64	62.38	67.60	65.56	72.70
H. Forest Produce Logging Improvement.		5.00	-	...	...	...	...	...	...
I. Communication & Buildings	...	80.00	16.99	24.45	24.10	18.77	13.50	14.03	16.00
J. Investment in Public Sector & undertaking		3.00	6.00	45.00	36.45	59.95	71.90	67.64	10.00
K. Environmental Forestry & Wild life.		1025.00	381.21	133.26	110.62	60.06	170.00	217.52	80.00
L. Other Expenditure	... ..	107.00	22.47	22.03	29.02	27.96	28.00	37.43	28.00
M. Agricultural Research & Education.		24.50	3.34	4.72	2.76	3.56	4.00	2.97	5.00
<b>Grand Total</b>	... ..	<b>2900.00</b>	<b>565.15</b>	<b>469.63</b>	<b>607.80</b>	<b>641.09</b>	<b>835.00</b>	<b>817.00</b>	<b>730.00</b>

**STATEMENT II**  
**PHYSICAL TARGETS AND ACHIEVEMENTS**

**Head of Development : Forestry And Wildlife**

Items	Units	Seventh Plan Target	Achievements				1989-90		Target 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Achievement	
1	2	3	4	5	6	7	8	9	10
<b>FORESTRY:</b>									
I, Production Forestry ...	'000 Hectres	7-500	371	1-070		1-6000-800	1-000	.989	1-200
II. Social Forestry including C.S.S.	'000 Hectres	8-000	2-633	1-790	4-318	13-210	5-260	3-365 2-045 C.S.S.	1-580 1-195 C.S.S.
<b>III. Afforestation—</b>									
(a) Trees Planted ..	'000 Nos.	500	131	158	238	845-58	309-62	300	254
<b>IV. Communication—</b>									
(a) New Roads ...	Km/Rmt/ Nos	100 Kms	182 Rm 2 Nos Bridges 100 Nos. Hume Pipe 1800 Rmt.	144 Km. 3-048 M	29-1 Km 2076-87	20	15	8-6 Kms 6 Nos.	10 Km 4 Nos.
(b) Improvement of Exis- ting Roads.	..	1-000 Km.	Nil	008 Km. length 460 Rmt. 600 m length.	..	...	23	78-4	2
V. Buildings ...	Nos.	...	7 Nos. 3 Nos partly done.	23 Nos.	30	15	...	37	8

## 1.7. CO-OPERATION

1.7.1 The Seventh Plan approved outlay for Co-operation sector was Rs.545.00 lakhs. The anticipated expenditure for the last four years of the Plan period comes to Rs.431.00 lakhs. The current year outlay of Rs.150 00 lakhs is expected to be fully utilised.

### A. Review of Programme during 1989-90:—

1.7.2. Co-operative Movement in the State has been diversified covering new economic activities like procurement of potatoes from the farmers at a remunerative price.

1.7.3. Loaning facilities extended by the Meghalaya Co-operative Apex Bank to the farmers is steadily picking up. During 1989-90 (up to September, 1989) Rs 48.30 lakhs Short term loans were provided to 2991 farmers and Rs.47.55 lakhs Medium term and Long term loan were extended by the Bank.

1.7.4. The MECOFED in collaboration with the Cotton Corporation of India has procured over 2000 quintal (in January, 1990) of cotton from the farmers to save them from distress sale of their produce.

1.7.5 Consumer distribution activities by the Co-operative Societies in Urban and Rural areas is being intensified.

1.7.6. A number of tractors and power-tillers have been supplied to the Co-operative Societies under the scheme 'Integrated Co-operative Development Project' which is at present in operation in the East Khasi Hills District only. Rural godowns in the project areas are being constructed.

1.7.7. Comprehensive Insurance Scheme—During the Kharif 1989 season 2860 farmers were covered. So far, Rs.2,28,825.07. were paid to 1282 insured farmers for loss of their crops during Kharif 1988 season.

### B. Programme for 1990-91:—

1.7.8. Marketing and Consumer Co-operative Structure will be adequately strengthened and consolidated on priority basis.

1.7.9. The Integrated Co-operative Development Project will be implemented in the West Garo Hills District.

1.7.10. Other types of Co-operatives, especially those meant for the weaker section will be strengthened.

1.7.11. More farmers will be brought under the umbrella of Comprehensive Crop Insurance Scheme during 1990-91.

**C. Central Sector/Centrally Sponsored Scheme :—**

1.7.12. A number of Central Sector/Centrally Sponsored Schemes for Co-operative Development have been implemented in the State. During 1990-91, Development of Marketing, Processing, Handloom, etc. Co-operatives, will be taken up under the Central sector (NCDC schemes).

**D. 20 Point Programme :—**

1.7.13. Item No. VII of the Programme relating to additional storage facilities is being implemented under this sector for the year 1990-91. A target of 1500 M. T. of additional storage facilities has been fixed.

1.7.14. The schematic outlays and expenditure and physical targets and achievements are shown in Statements I and II respectively.



**STATEMENT--I**

**Schematic Outlay and Expenditure**

**Head of Development —CO-OPERATION**

(Rs. in lakhs)

Programme	Seventh Plan Outlay	Actual expenditure				1989-90		1990-91 outlay.
		1985-86	1986-87	1987-88	1988-89	Approved outlay	Antici- pated expenditure	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>Continuing Schemes—</b>								
<b>Direction and Administration—</b>								
(a) District Organisation ... ..	22.00	...	1.081	1.213	5.00	9.00	9.00	10.75
(b) Headquarter Organisation ... ..	5.00	0.295	1.081	0.539	0.50	1.50	1.50	2.00
(c) Construction of Office Building ... ..	10.00	4.50	4.50	...	2.00	10.00	10.00	7.75
<b>Sub-Total .. ..</b>	<b>37.00</b>	<b>4.795</b>	<b>6.662</b>	<b>1.752</b>	<b>7.50</b>	<b>13.25</b>	<b>13.25</b>	<b>20.50</b>
<b>Research and Evaluation—</b>								
(a) Payment of consultancy fees/professional charges for taking up of study of functionings of cooperative	...	...	...	...	...	0.50	0.50	...
<b>Sub-Total ... ..</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>0.50</b>	<b>0.50</b>	<b>...</b>
<b>Information and Publicity—</b>								
(a) Propagation about utility of Co-operative Movement	4.00	2.176	0.245	0.728	0.30	0.25	0.25	0.50
<b>Sub-Total .. ..</b>	<b>4.00</b>	<b>2.176</b>	<b>0.245</b>	<b>0.728</b>	<b>0.30</b>	<b>0.25</b>	<b>0.25</b>	<b>0.50</b>

	1	2	3	4	5	6	7	8	9
Assistance to Multipurpose Rural Cooperatives—									
(a) Assistance to Service Cooperative Societies towards additional staff.	6.50	0.78	0.775	0.665	0.865	1.50	1.50	1.50	1.50
(b) Assistance to Primary Societies for expansion of consumer activities in Rural Areas like opening of additional counters, branches etc.	6.50	1.75	0.96	0.79	1.185	1.50	1.50	1.50	1.00
(c) Assistance to Service Co-operative Societies Selected for Intensive Development towards cost of additional staff.	8.00	1.68	0.525	1.55	0.90	1.50	1.50	1.50	1.60
(d) Assistance to Service Co-operative Societies for Intensive Development for creation of physical facilities like purchase of furniture/Iron safe, setting up of Cash Counter, etc.	...	...	...	0.50	...	...	..	...	...
(e) Assistance to Service Co-operative Societies as Interest subsidy.	2.00	...	...	..	...	...	..	...	...
(f) Payment of rebate as incentives Primary Co-operative Society for distribution of consumer articles in Rural areas.	..	...	...	...	0.90	1.50	1.50	1.50	1.50
(g) Payment of Commission to Primary Agriculture Credit Societies.	...	...	..	..	..	...	...	...	0.50
(h) Share Capital contribution to Service Co-operative Societies to be utilised as margin money for development of credit marketing. etc.	6.50	0.78	1.35	1.50	2.50	2.00	2.00	2.00	2.50

40

	1	2	3	4	5	6	7	8	9
(i) Share Capital to Service Co-operative Societies selected for Intensive Development.		8.00	1.68	4.20	3.10	1.80	2.00	2.00	2.00
(j) Share Capital contribution to Service Co-operative Societies for development of consumer activities in Rural areas.		6.50	1.75	1.675	1.615	1.59	2.00	2.00	2.00
Sub Total	...	44.00	8.42	9.485	9.72	9.74	16.00	16.00	12.50

ASSISTANCE TO CREDIT CO-OPERATIVES:—

(a) Assistance for staff to State Co-operative Bank.	15.00	4.50	4.50	5.25	3.50	4.00	4.00	4.50
(b) Contribution to Cadre Fund ...	65.00	10.00	12.50	15.955	13.255	15.00	15.00	17.00
(c) Assistance to State Co-operative Bank for maintenance of staff of Land Development Bank.	7.50	1.50	2.50	1.50	1.25	1.50	1.50	1.50
(d) Assistance to State Co-operative Bank under Rehabilitation of Week Central Scheme.	30.00	4.50	5.00	9.00	1.00	0.50	0.50	...
(e) Assistance to State Co-operative Bank for discharging interest liabilities of small/marginal farmers under scheme of blocking of overdues.	52.50	10.85	12.85	10.43	17.537	14.00	14.00	14.00

	1	2	3	4	5	6	7	8	9
(f) Assistance to State Co-operative Bank as interest subsidy		6.00	1.00	1.00	3.00	2.00	5.00	5.00	3.00
(g) Assistance to State Co-operative Bank for payment of shortfall in recovery of principal in respect of small/Marginal farmers under the scheme of Blocking of overdues.		35.00	5.00	11.00	11.00	14.00	15.00	15.00	12.00
(h) Subsidy toward Crop Insurance premium for small/marginal farmers.		0.50	...	0.50	0.50	1.00	...	...	0.25
(i) Assistance for staff of various type of co-operative societies such as Benefit Fund, Thrift Co-operatives, etc.		3.00	0.32	0.725	1.138	1.00	1.25	1.25	1.25
(j) Assistance to staff of Co-operative Urban Banks ...		3.50	0.40	0.30	0.30	0.50	0.50	0.50	0.75
(k) Contribution to State Level Crop Insurance ...		...	...	10.00	...	...	0.50	0.50	...
(l) Assistance to Apex Bank for monitoring and Evaluation Cell.		1.50	...	...	...	...	...	...	...
(m) Share Capital contribution to Apex Bank ...		10.00	3.00	...	1.00	1.00	1.00	1.00	...
(n) Share Capital Contribution to Co-operative Urban Banks		4.00	0.755	2.25	1.00	1.00	0.75	0.75	1.00
(o) Working Capital loan to Co-operative Urban Banks ...		5.00	0.30	0.35	0.75	...	...	...	...
(p) Loan to Apex Bank for meeting overdue cover ...		5.00	1.00	...	...	...	1.00	1.00	...
(q) Working Capital loan to Apex Bank for issue of Consumption Credit.		2.00	2.00	...	...	...	...	...	...
Sub-total		245.50	43.125	63.975	60.823	57.242	60.00	60.00	55.25
Assistance to other Co-operatives—									
(a) Assistance to Apex Marketing Societies for maintenance of staff.		15.00	5.00	4.40	4.50	8.14	4.00	4.00	7.00
(b) Assistance for construction of godown by Apex/Sub-Area Marketing Co-operative Societies.		4.00	1.677	1.555	0.811	0.1125	1.50	1.50	1.50
(c) Assistance for staff of Primary/Sub-Area Marketing Co-operative Societies.		2.50	0.475	0.25	0.50	0.215	0.75	0.75	0.75
(d) Assistance to Service Co-operative Societies for construction of godowns.		0.50	...	0.262	...	0.20	0.75	0.75	0.75
(e) Assistance for staff of Co-operative Cotton Ginning and Oil Mills.		2.00	0.15	0.30	0.40	1.49	0.50	0.50	1.00

	1	2	3	4	5	6	7	8	2
(f) Assistance for staff to consumer cooperative in Urban Areas ...		9.00	1.15	0.55	1.00	0.85	1.50	1.50	2.00
(g) Assistance for staff to Cooperative Societies undertaking wholesale distribution of consumer articles.		5.00	0.50	1.00	1.50	0.60	1.00	1.00	1.00
(h) Assistance for Price fluctuation and Stabilisation Fund ...		5.00	1.00	0.25	..	0.50	1.00	1.00	17-50
(i) Assistance to Cooperative Societies for purchase of trucks ...		1.00	...	..	...	..	0.30	0.30	..
(j) Storage Assistance to Apex Marketing Cooperative Societies ..		1.00	...	...	...	..	...	...	...
(k) Assistance for staff of Meghalaya State Warehousing Corporation		...	1.316	1.00	1.16	...	...	...	...
(l) Assistance for staff of Fruit Processing Units ...		1.00	...	...	..	...	0.50	0.50	...
(m) Share capital contribution to Oil processing units/Rice Mill ...		1.50	0.25	...	...	...	...	...	...
(n) Assistance for staff of Apex Consumer Cooperative Societies ...		5.00	1.00	0.50	...	1.00	1.00	1.00	2.00
(o) Share capital contribution to Apex Marketing Cooperative Societies for setting up Consumer Industries.		0.50	...	...	...	...	...	...	...
(p) Share capital contribution to Apex Marketing Cooperative Societies		15.00	2.00	4.47	11.335	6.675	4.00	4.00	7.00
(q) Share Capital contribution to Primary/Sub-Area Marketing Cooperative Societies.		2.50	0.475	0.65	0.30	0.75	1.00	1.00	1.00
(r) Share Capital contribution to Cooperative Cotton Ginning Mill		6.50	0.50	1.00	2.15	4.50	3.00	3.00	4.00
(s) Share Capital contribution to Consumer Cooperative Societies in Urban Areas.		9.00	1.55	1.425	1.50	1.60	2.00	2.00	3.00
(t) Share Capital contribution to Wholesale Consumer Cooperative Store		7.50	2.50	2.50	2.50	2.75	2.00	2.00	2.50
(u) Share capital contribution to Fruit Processing Unit ...		...	...	...	...	..	0.50	0.50	0.50
(w) Transport subsidy to Apex/Primary Marketing and Wholesale Consumers Cooperatives for supply of consumer articles at reasonable prices.		...	...	...	...	...	2.50	2.50	1.00
Sub--Total		93.50	18.543	20.112	27.656	29.3825	27.80	27.80	52.50

1	2	3	4	5	6	7	8	9
Other Expenditure—								
(a) Assistance for staff to Apex Housing Cooperative Societies	10.00	3.00	2.50	3.00	5.10	2.50	2.50	3.00
(b) Assistance to Apex Housing for differential rate of Interest	0.50	...	..	...	...	...	...	...
(c) Assistance for establishment of Trade Centres	15.00	3.00	...	...	...	...	...	...
(d) Assistance to Primary Housing Cooperatives	2.50	0.10	...	...	0.10	0.50	0.50	0.50
(e) Assistance for Staff of Labour Cooperatives	1.50	0.10	0.125	0.20	0.18	0.25	0.25	0.25
(f) Assistance for staff of Industrial Cooperatives Societies	3.50	0.66	0.46	0.50	0.50	0.50	0.50	0.50
(g) Assistance to Transport Cooperative Societies	1.00	0.20	0.10	0.25	0.30	0.40	0.40	0.40
(h) Assistance for maintenance of common cadre of trained and professional staff for marketing, housing, industrial etc. cooperatives	4.00	0.50	0.364	0.75	0.86	1.25	1.25	1.50
(i) Share Capital contribution to Industrial Cooperative Societies	7.50	1.15	0.71	1.175	1.425	1.50	1.50	2.00
(j) Managerial Subsidy to Meghalaya Apex Handloom and Cooperative Federation	2.50	1.00	0.75	1.271	1.25	1.50	1.50	2.00
(k) Assistance for construction of workshop by Apex/primary Weavers' Cooperative Societies	0.50	0.05	...	0.05	3.056	0.30	0.30	0.50
(l) Managerial Subsidy for appointment of paid secretaries of Primary Handloom Cooperative Societies	...	...	...	0.40	0.50	0.75	0.75	0.75
(m) Share Capital contribution to Meghalaya Apex Handloom Weavers and Handicraft Cooperative Federation	5.00	0.70	1.00	1.50	1.75	2.00	2.00	2.50
(n) Share Capital contribution to Primary Handloom Cooperative Societies	2.00	0.49	0.70	1.00	1.17	1.50	1.50	1.50
(o) Share Capital contribution to Transport Cooperative Societies	2.50	0.50	0.20	0.50	0.50	0.75	0.75	0.75
(p) Share Capital contribution to Apex/Primary Weavers Cooperative Societies for construction of workshop	...	..	0.075	...	0.025	...	...	...
(q) Share capital contribution to Apex Housing Cooperative Societies	10.00	2.50	2.50	2.50	4.25	1.50	1.50	3.00

1	2	3	4	5	6	7	8	9
(i) Share Capital contribution to Primary Housing Coop. Societies	2.50	0.20	...	...	...	0.50	0.50	0.75
(s) Share Capital contribution to Labour Coop. Societies.	3.00	0.20	0.25	0.40	0.35	0.50	0.50	0.50
(t) Assistance for staff of Dairy Co-operatives.	1.00	0.23	0.25	...	0.15	0.50	0.50	0.25
(u) Share Capital contribution to Dairy Coop. Societies.	1.50	0.37	0.025	..	0.50	0.75	0.75	0.50
(w) Assistance for staff of Fishery Coop. Societies.	1.50	0.09	..	...	..	0.50	0.50	0.50
(x) Share Capital contribution to Fishery Coop. Societies.	2.00	0.36	0.25	0.725	1.00	1.25	1.25	1.00
Sub Total ... ..	79.50	15.40	10.259	14.221	19.966	19.20	19.20	22.65
Agricultural Credit Stabilisation.—								
(a) Contribution to State Agricultural Credit (Relief and Guarantee) Fund.	2.50	...	..	...	..	...	...	...
(b) Contribution to Credit Stabilisation Fund.	4.00	0.50	...	0.75	1.00	1.50	1.50	1.00
Sub Total	6.50	0.50	..	0.75	1.00	1.50	1.50	1.00

2.77—Education.—

(a) Assistance to Cooperative Union for undertaking Co-operative Education.	32.50	6.50	8.90	7.00	7.50	7.50	7.50	5.00
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	1	2	3	4	5	6	7	8	9
(b) Assistance to Co-operative Union for construction of its State/District Office Building.		2.50	2.50	..	2.00	..	...	..	...
(c) Assistance to School Coop. Societies for promotion of Educational activities.		..	...	0.362	0.35	0.50	0.75	0.75	0.50
Sub Total	...	35.00	9.00	9.262	9.35	8.20	8.25	8.25	9.50
<b>NEW SCHEMES—</b>									
108—Assistance to Other Co-operative—									
(a) Share capital contribution to Meghalaya State, Coop. Marketing and Consumers' Federation for setting up of Dehydration of Mushroom unit.		...	...	...	...	...	...	..	0.35
Sub—Total	...	...	...	..	...	..	..	...	0.35
Continued New Schemes— Other Expenditure.—									
(a) Subsidy to Meghalaya Apex Handloom Weavers and Handicrafts Cooperative Federation for construction of Show-Room-Cum-Godown.		...	...	...	..	...	...	...	0.25
Sub—Total	...	...	...	...	...	...	...	...	0.25
Grand Total	...	545.00	102.95	120.60	125.00	133.13	150.00	150.06	175.00



## STATEMENT II

### PHYSICAL TARGETS AND ACHIEVEMENT

#### Head of Development—Co-operation

Item	Unit	Seventh Plan Target	Achievements				1989-90		Target 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Achievement	
1	2	3	4	5	6	7	8	9	10
(i) Short-term loan ..	.. Rs. in Crore	3.00	1.132	1.166	0.9739	0.768	2.25	1.50	2.50
(ii) Medium-term loan ...	..	1.00	0.0552	0.023	0.0088	0.73	0.80	0.50	0.90
(iii) Long-term loan ..	..	1.00	0.1217	0.0843	0.0234	0.228	0.60	0.30	0.60
(iv) Retail sale of fertilizers ...	..	4.00	1.8461	3.1476	2.2145	2.0476	3.75	2.75	4.00
(v) Agricultural produce marketed.	..	3.50	0.90	1.3182	0.5867	1.095	2.50	1.75	3.00
(vi) Retail sale of consumer goods by Consumer Co-operatives in Urban Areas.	..	3.00	1.2127	0.6445	1.6204	1.5583	3.00	2.25	3.00
(vii) Retail sale of consumer goods through Co-operative in Rural Areas.	..	2.00	0.7325	0.8150	0.6947	0.5945	2.00	1.50	2.00
(viii) Co-operative Storage ...	Lakh Tonnes	0.15	0.0125	0.0275	...	0.015	0.03	0.0095	0.015
(ix) Processing Units	No.	5	...	...	..	...	...	..	..

## 1.8. STORAGE AND WAREHOUSING

1.8.1 The approved Seventh Plan (1985-90) outlay for Storage and Warehousing sector was Rs.25.00 lakhs. The actual expenditure for the last four years of the plan period was to Rs.26.00 lakhs. The current year's outlay of Rs.7.50 lakhs is being released to the Meghalaya State Warehousing Corporation as State Government's fresh equity participation during the year (1989-90).

1.8.2 **Review of programme during 1989-90** :— During the Seventh Plan period, the Meghalaya State Warehousing Corporation has constructed 3 Warehouses at Jowai, Williamnagar and Khanapura having the total capacity of 6300 M. T. Another Warehouse of 2500 M. T. is under construction at Tura.

1.8.3 **Programme for 1990-91** :— During 1990-91, an amount of Rs.15.00 lakhs has been approved for the Storage and Warehousing sector for construction of a warehouse of 2500 M. T. capacity at Nongstoin.

## CHAPTER II

## 2.1. RURAL DEVELOPMENT

## 2.1.1. INTEGRATED RURAL DEVELOPMENT PROGRAMME (IRDP)

1. In Meghalaya the Integrated Rural Development Programme is implemented in the development blocks through the District Rural Development Agencies existing in the five districts of the State. The programme is implemented as a centrally sponsored scheme on a 50:50 sharing basis between the Centre and the State.

2. The objective of the IRD Programme is for assisting the selected families of the target group in rural areas to cross the poverty line by taking up self-employment opportunities. The approved outlay for the Seventh Plan on account of the State share for the IRD Programme is Rs.298.00 lakhs. The expenditure and achievement are shown year-wise below:—

Year	(Rs. Lakhs) Expenditure	Achievement	Remarks
1985-86	101.84	7129	(New beneficiaries)
1986-87	112.42	9253	(New " )
		2717	(Old " )
1987-88	102.20	2594	(New " )
		1012	(Old " )
1988-89	111.11	4140	(New " )
		258	(Old " )
1989-90	113.12	5082	(New " )

(Anticipated)

3. The approved outlay during the current year (1989-90) is Rs.125.00 lakhs. This outlay has been revised to Rs.113.12 lakhs due to less release of the Central share for the Programme. The savings of Rs.11.88 lakhs has been diverted for implementation of the schemes under the Jowahar Rozgar Yojana (JRY) during the course of the year.

4. The approved outlay for 1990-91 is Rs.132.00 lakhs and the proposed target during the year is 6000 beneficiaries.

## 2.1.2. PILOT PROJECT FOR VILLAGE DEVELOPMENT

1. The Pilot Project for Village Development was introduced in Meghalaya from 1983-84. The objectives of the Pilot Village Programme are two fold, namely (i) to improve the economic conditions of the people, and (ii) to extend social services and to improve the environment of the villages.

2. There are 15 Civil Subdivisions (including 5 Sadar Subdivisions) in the State at present. One village in each of these Subdivisions has been selected for developing it as a model village which can serve the purpose of demonstration. Following is the list of villages:

Name of Subdivision	Name of village	Name of Development Block in which the Selected village is situated
Shillong (Sadar)	Mawser	Mawphlang Development Block
Ri-Bhoi (Nongpoh)	Umling Lambrang	Nongpoh Development Block
Sohra	Mawrah	Shella-Bholaganj Development Block
Jowai (Sadar)	Mihmyatdu	Thadlaskein Development Block
Khliehriat	Dkhiah	Khliehriat Development Block
Amlarem	Pdengshakap	Amlarem Development Block
Nongstoin (Sadar)	Mawkadiang	Nongstoin Development Block
Maiang	Mawnai	Mairang Development Block
Mawkyrwat	Jakrem	Mawkyrwat Development Block
Williamnagar (Sadar)	Samanda	Samanda Development Block
Resubelpara	Thapa Derenchi	Resubelpara Development Block
Tura (Sadar)	Dopgiri	Rongram Development Block
Ampati	Okkapa	Betasingh Development Block
Baghmara	Kharukol	Baghmara Development Block
Dadenggiri	Dilsigiri	Dadenggiri Development Block

3. Some sectors of development are involved in the implementation of the schemes and programmes in the model villages for improving the economic conditions of the people and to improve the village environment. The financial and manpower requirements of the schemes and programmes are met from the Plan and non-Plan outlays of the concerned Departments.

4. In addition, a small outlay under the State Plan has also been provided for the programme for taking up the experimental/innovative schemes in the selected villages. The approved outlay during the Seventh Plan (1985-90) for taking up the experimental/innovative schemes is Rs.50.00 lakhs. The expenditure for the first four years of the 7th Plan was Rs.15.14 lakhs. The amount was sanctioned for implementation of experimental/innovative schemes, such as, Dehydration of fruits and vegetables, water filters, Pit latrine U.N.D.P. type, Smokeless Chulla, Biogas Plant, Community Fishery tank, Children park-cum Recreational Centre, Low cost Sanitary latrine, etc. The saving of Rs.34.86 lakhs was diverted for implementation of the schemes and programmes under other sectors during the course of each Annual Plan of the Seventh Plan.

4. The approved outlay for 1989-90 is Rs.10.00 lakhs. The anticipated expenditure during the year is Rs.2.371 lakhs. The amount has been sanctioned for implementation of the children Parks scheme and the scheme for Leaf-cup plate making unit. The savings of Rs.7.629 lakhs has been diverted for implementation of the schemes under other sectors during the course of the the year.

5. The programme will be continued during 1990-91 with an approved outlay of Rs. 10.00 lakhs.

### 2.1.3. INTEGRATED RURAL ENERGY PROGRAMME (I.R.E.P)

1. An outlay of Rs. 125.00 lakhs was approved by the Planning Commission for the 7th Five Years Plan on Integrated Rural Energy Programme. The year-wise Plan allocations and expenditure in this programme are as follows:—

Year	Annual Plan allocation (Rs. lakhs)	Expenditure (Rs. lakhs)
1985-86	10.00	Nil
1986-87	10.00	3.75
1987-88	15.00	13.63
1988-89	19.00	15.70
1989-90	25.00	25.00 (Anticipated)
<b>Total</b>	<b>79.00</b>	<b>58.08</b>

The above figures show that actual plan outlay was much less than the originally approved outlay and the expenditure is also less than the outlay finally agreed to. In the initial period of the 7th Five Year Plan there was no administrative infrastructure in the State to implement the I.R.E.P. Only after establishment of the Meghalaya Non-Conventional and Rural Energy Development Agency the programme has been taken up for implementation. Because of these reasons the expenditure came down in the first three years of the Plan period.

2. Energy is a critical commodity for development and prosperity of an economy. However, studies have pointed the seriousness and magnitude of the energy crisis in the rural areas and have recommended an integrated approach for planning and implementing rural energy programmes. It has also been revealed that rural areas suffer from poor availability of commercial sources or also inefficiency in the use of non-commercial sources.

In order to correct the situation, micro level or decentralised energy planning is deemed necessary. This is being attempted in this programme which was pilot tested in few blocks in the 7th plan. The principle of adopting an area based rural energy plan with community development block as unit has already been accepted by the State Government. Energy Survey was conducted and Project Report is prepared. These Block wise reports contain the demographic details, availability and consumption patterns, different supply options, future projections, etc. Based on this, an action plan for each of the blocks are prepared, so as to reduce/eliminate energy gaps. Project reports detailed action plan has already been prepared for Myllem, Selsella and Thadlaskein Blocks, and work is continuing for Resubelpara and Nongstoin Blocks. Computerised Monitoring system has also been set up to monitor physical and financial progress and the status of the programme.

#### 2. Programme for 1990-91

The outlay approved for 1990-91 is Rs. 40.00 lakhs. It is proposed to take up the works of energy survey and preparation of an action plan in another 5(Five) blocks, one in each district besides providing the inputs in the blocks taken up during the Seventh Plan Period on the basis of Survey reports. The outlay and expenditure during 7th Plan period and the proposed outlay for 1990-91 are given the Statement I below:—

**STATEMENT I**  
**OUTLAY AND EXPENDITURE**

Head of Development:—INTEGRATED RURAL ENERGY PROGRAMME

Rs. in lakhs.

Serial No.	Programme	Seventh Plan outlay 1985-90	Actual expenditure				1989-90		1990-91 outlay
			1985-86	1986-87	1987-88	1988-89	Approved outlay	Anticipated	
1	2	3	4	5	6	7	8	9	10
1	Design and approach for area bound block level IREP.		...	...	13.63	9.115	8.5	8.5	17.50
2	Project Implementation	125.00	...	3.75	...	4.03	15.00	15.00	21.00
3.	Monitoring		...	...	...	0.153	1.00	1.00	1.00
2	Training		...	...	...	2.40	0.50	0.50	0.50
<b>Total</b>		<b>125.00</b>	<b>...</b>	<b>3.75</b>	<b>13.63</b>	<b>15.70</b>	<b>25.00</b>	<b>25.00</b>	<b>40.00</b>

## 2.1.4. JOWAHAR ROZGAR YOJANA (JRY)/N.R.E P.

1. During 1989-90 the two existing schemes namely, the National Rural Employment Programme and the Rural Landless Employment Guarantee Programme have been merged into a single rural employment programme known as the Jowahar Rozgar Yojana. The expenditure under the JRY programme is borne between the Centre and the State on a 80:20 sharing basis.

2. The objective of the JRY Programme is to generate additional gainful employment for the unemployed and underemployed persons both men and women in the rural areas and to ensure creation of productive community assets in order to strengthen the rural economy and social infrastructure for the rapid growth of rural economy and steady rise in the income level of rural poor.

3 The JRY Programme has been taken up in the State in the current year. The anticipated expenditure of Rs. 91.63 lakhs for meeting the State share of the programme has been provided by inter-adjustment of fund as under:—

(Rs. Lakhs)

- (i) National Rural Employment Programme : 55.00
- (ii) Integrated Rural Development Programme : 11.88
- (iii) Assistance to small & Marginal Farmers : 24.75

Total : 91.63

4. During 1989-90 it is expected to generate gainful employment of 15.27 lakh mandays under the programme. For smooth implementation of the Programme, steps have been taken to constitute the Block Level Committees in all the 30 C.D. Blocks existing in the State to assist in identifying the development programmes in the villages by involving the people at the grass root level.

5. The approved outlay of Rs. 102.00 lakhs for the National Rural Employment Programme for 1990-91 will be utilised for implementation of the schemes under the Jowahar Rozgar Yojana during the year. A target for employment generation of Rs. 16.00 lakhs mandays is proposed.



## 6. REVIEW OF ACHIEVEMENTS UNDER THE NATIONAL RURAL EMPLOYMENT PROGRAMME (NREP)—

The National Rural Employment Programme aims at generating additional gainful employment for the unemployed and under employed persons in the rural areas and creation of durable community assets for strengthening the rural infrastructure which will lead to rapid growth of rural economy and steady rise in the income level of the rural poor.

The NRE Programme is implemented in the development blocks through the District Rural Development Agencies on the basis of a shelf of projects. The expenditure for the programme is shared between the Centre and the State on a 50:50 basis.

The approved outlay for the Seventh Plan on account of the State share for the programme is Rs.240.00 lakhs. The expenditure for the first four years of the 7th Plan was Rs.159.90 lakhs as indicated year-wise below:—

Year	(Rs. lakhs)	
	Expenditure	Achievement (Lakh Mandays)
1985-86	20.40	3.93
1986-87	28.00	4.03
1987-88	56.50	2.66
1988-89	55.00	2.28

During 1989-90 the National Rural Employment Programme has been merged with the Jawahar Rozgar Yojana Programme, a new programme. The approved outlay of Rs.55.00 lakhs on account of the State share for the NRE Programme has been diverted for implementation of the schemes under the JRY Programme during the course of the year.

### 2.1.5. STRENGTHENING OF STATE INSTITUTE FOR RESEARCH AND TRAINING IN RURAL DEVELOPMENT (SIRD)—

The State Institute for Rural Development has been established at Nongdsder near Khwan (Barapani) in East Khasi Hills District for the purpose of imparting training to the officers and staff both at the State and district level including non-officials who are involved in the policy and planning of development programme in the rural areas.

The State Institute for Rural Development is financed by the Centre and the State with an assistance under EEC-Aid-Programme. The recurring expenditure for the Institute is shared between the Centre and the State on a 50:50 basis. The institution has started functioning and a workshop for Rural Development Programmes has been conducted.

The expenditure for the first four years of the 7th Plan (1985-89) was Rs.31.66 lakhs. The approved outlay for the current year is Rs.5.00 lakhs which is expected to be utilised in full. The approved outlay for 1990-91 on account of the State share for the SIRD is Rs.7.00 lakhs.

## 2·2 LAND REFORMS

2.2.1. The approved outlay for Land Reforms for the Seventh Plan (1985-90) is Rs. 195·00 lakhs. The expenditure for the first four years of the 7th Plan was Rs.140·52 lakhs. The approved outlay during 1989-90 is Rs.40·00 lakhs which will be utilised in full. The approved outlay for 1990-91 is Rs.65·00 lakhs for continuation of the following schemes:

2.2.2. **Cadastral Survey**—The Meghalaya Land Records and Survey Preparation Act was enacted in 1980 and the Rules thereunder were framed in 1982 to provide for the survey of lands in the State and for preparation of the preliminary records thereof. However, as the survey works is a new concept it met with stiff resistance from the people because of the land tenure system prevalent in the State. In spite of the handicaps, 105 villages could be cadastrally surveyed during the first four years of the 7th Plan. The anticipated achievement during 1989-90 is 100 villages.

2.2.3. **Enforcement Branch**.—As per provisions of the Meghalaya Land Survey and Records Preparation Act, 1980 and rules framed thereunder the Enforcement Branch is required to prepare preliminary records of the land. However, the preparation of land records could not be started as the cadastral survey maps of the villages so far surveyed are under preparation. It is proposed that preparation of land records in 100 villages will be taken up during 1990-91.

2.2.4. **Land Tenure Research Cell**.—The Cell has been established for the purpose of studying the land tenure system prevalent in the State in the light of the Land Reforms Commission's report. Attempt is being made to codify various customary laws prevalent in the State so as to avoid unnecessary litigation. The Cell is also to formulate specific proposals for land reforms measures in the State.

2.2.5 **Metric Cell**—The scheme for metric measurement aims at converting measurement of maps, etc. from the Foot Pound Second System into Centimetres Gram Second System in accordance with the 'Standard of Weights and Measures Act, 1956'. The work for conversion of old maps and records is going on and training of the district revenue staff in metric measurement is also imparted.

2.2.6. **Grants-in-aid to the District Councils**.—As the general administration of land on the basis of customary laws is vested with the District Councils as per provisions of the Sixth Schedule to the Constitution, financial assistance in the shape of grants-in-aid is sanctioned to the three District Councils for implementation of land reforms schemes in consonance with those of the State Government.

The schematic outlay and expenditure as well as the physical targets and achievements are shown in the Statements I and II.

**STATEMENT—I**  
**Outlay and Expenditure**

Head of Development—LAND REFORMS

(Rs. in lakhs)

Programme	Seventh Plan outlay	Actual Expenditure				1989-90		1990-91 outlay
		1985-86	1986-87	1987-88	1988-89	Outlay	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9
1. Cadastral Survey .. .. .	195.00	31.50	15.87	18.47	18.55	20.00	20.00	35.00
2. Enforcement Branch ... ..			11.87	13.13	17.24	14.00	14.00	23.00
3. Metric Cell ... .. .			1.03	1.26	1.63	2.00	2.00	2.50
4. Land Tenure Research Cell ... ..			1.29	1.14	1.44	2.00	2.00	2.50
5. Grants-in-aid to District Councils ... ..			2.00	2.00	2.00	2.00	2.00	2.00
<b>Total</b> ... .. .	<b>195.00</b>	<b>31.50</b>	<b>32.16</b>	<b>36.00</b>	<b>40.86</b>	<b>40.00</b>	<b>40.00</b>	<b>65.00</b>

**STATEMENT—II**  
**Physical Target and Achievement**

Head of Development—LAND REFORMS

Item	Unit	Seventh Plan Target	Achievements		1989-90		Target 1990-91
			1985-88	1988-89	Target	Anticipated Achievement	
1	2	3	4	5	6	7	8
1. Cadastral Survey	No. of villages	780 villages	78 villages	27 villages	100 villages	100	200 villages
2. Enforcement Branch	...	..	...	...	1 village	...	100 villages
3- Metric Cell	... ..	Conversion of maps and records.	...	Imparted training to the District Revenue machineries.	...	...	Conversion of maps and records and imparting training to the District machineries.

### 2.3. COMMUNITY DEVELOPMENT

2.3.1. The approved Seventh plan outlay for general community development schemes was Rs.300.00 lakhs. The anticipated expenditure for the last four years of the plan period comes to Rs.236.64 lakhs. The current year's outlay of Rs. 75.00 lakhs is also expected to be fully utilised. Schemes taken up under this programme consist of construction of village roads, footpaths, footbridges, jeepable roads, sewerage and water supply, education, etc. Local people are actively involved in the development activities.

2.3.2. The approved outlay for "Community Development" Sector under the State Plan for the year 1990-91 is Rs.258.00 lakhs. The main programmes and break-up of the total outlay is indicated below:—

Sl. No.	Programme	Amount
1.	General Community Development Scheme	Rs.152.00 lakhs.
2.	Construction of new Gram Sevaks' quarters	Rs. 98.00 ,,
3.	Renovation of old Block Office	Rs. 8.00 ,,

Total—Rs.258.00 ,,

2.3.3. Schematic outlays, expenditures and physical targets and achievements are shown in Statements I & II.

**STATEMENT-I**  
**SCHEMATIC OUTLAY AND EXPENDITURE**  
 Head of Development : **COMMUNITY AND RURAL DEVELOPMENT**

(Rs. in Lakhs)

Programme	Seventh Plan outlay 1985-86	Actual Expenditure				1989-90		1990-91 Approved Outlay
		1985-86	1986-87	1987-88	1988-89	Approved outlay	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9
<b>1. CONTINUING SCHEMES</b>								
<b>A. General C. D. Programme—</b>								
(a) Agriculture including Reclamation. ...	...	..	3.00	3.00	3.00	3.00	3.00	..
(b) Health & Rural Sanitation. ...	...	7.50	6.00	7.50	9.00	9.00	9.00	24.00
(c) Education including Social Education. ...	...	6.00	3.00	6.00	4.50	4.50	4.50	42.00
(d) Animal Husbandry Including Veterinary. ...	...	...	3.00	3.00	3.00	3.00	3.00	..
(e) Industries including Arts & Crafts. ...	300.00	1.50	3.00	3.00	3.00	3.00	3.00	...
(f) Rural Roads .. ...	..	6.00	6.00	7.50	9.00	9.00	9.00	84.00
(g) Building both Residential & Non-Residential. ...	...	29.49	33.043	28.376	35.731	42.00	42.00	106.00
(h) Training, Research & Upkeep of Youth and Women Organisation. ...	...	0.50	1.50	...	1.50	1.50	1.50	2.00
<b>Total—'A'—General C. D. Programme.</b> ...	<b>300.00</b>	<b>50.99</b>	<b>58.543</b>	<b>58.376</b>	<b>68.731</b>	<b>75.00</b>	<b>75.00</b>	<b>258.00</b>

**STATEMENT—II**  
**Physical target and Achievement**

Head of Development:—Community and Development.

Items	Unit	Seventh plan Target	Achievements				1989-90		Target 1990-91	
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Achievement		
1		2	3	4	5	6	7	8	9	10
<b>GENERAL C. D. PROGRAMMES :</b>										
<b>I. Agriculture including Reclamation of Land—</b>	Hect.	429.00	...	80.75	54.20	90.70	90	90	...	
<b>II. Health and Sanitation—</b>										
1. Construction of Wells tanks etc.	...	No.	707	191	153	135	109	120	120	660
2. Construction of ringwell platform	...	"	...	22	9	9	51	...	...	36
3. Construction of Latrine	...	"	243	59	22	32	44	45	45	180
4. Repair/Improvement of well etc.	...	"	560	75	66	61	112	90	90	360
5. Construction of Gravity Water Supply	...	"	...	...	...	...	...	...	...	6
6. Maintenance of Water Supply	...	"	...	...	...	...	...	...	...	60
7. Maintenance of Latrine	...	"	...	...	...	...	...	...	...	90
<b>III. Education including Social Education—</b>										
1. Supply of teaching materials	...	No. of School.	287	95	78	55	117	60	60	312
2. Supply of furnitures	...	"	...	474	437	145	146	...	...	1052
3. Supply of Sport materials	...	"	375	84	50	127	201	60	60	364
4. School/Nursery School assisted	...	No.	80	...	16	36	93	15	15	78



	1	2	3	4	5	6	7	8	9	10	
<b>IV. Animal Husbandry and Veterinary—</b>											
1. Distribution of birds/poultry and ducks		Nos.	3925	708	272	1154	596	762	762	...	
2. Pigs	...	„	991	55	89	75	88	180	180	...	
3. Goats	...	„	44	66	48	68	55	9	9	...	
4. Feeds	...	Qntl.	10.00	2.00	3.00	2.00	...	2.00	2.00	...	
<b>V. Industries including Arts and Crafts—</b>											
<b>(a) Grants-in-Aid to Artisans.</b>											
(i) in various trades	..	...	Nos.	222	...	18	73	148	60	60	...
(ii) Canes and Bamboo Works	...	„	243	...	74	35	82	60	60	...	
(iii) Supply of Sewing Machine	...	„	25	46	92	5	42	50	50	...	
(iv) Supply of Carpentry Tools	...	„	231	...	92	5	73	45	45	...	
(v) Supply of Looms	...	„	...	...	...	...	...	...	...	...	
<b>VI. Roads and Bridges—</b>											
1. Construction of Road	...	Kms.	25.00	5.00	9.75	5.00	..	5.00	5.00	12.00	
2. Repair/Improvement of Road	...	„	130.00	11.75	28.83	30.00	34.30	30.00	30.00	78.00	
3. Construction/Repair etc. of Footpath	...	„	231.00	46.70	43.30	45.00	42.40	45.00	45.00	126	
4. Construction of Bridges and Culvert	...	No.	220	58	36	45	103	45	45	150	
Repair/Improvement of Bridges and Culvert	...	„	422	42	44	60	..	60	60	168	

## CHAPTER III

## SPECIAL AREA PROGRAMME

## 3 BORDER AREAS DEVELOPMENT PROGRAMME

3.1. The approved outlay for the Seventh Plan (1985-90) for the Border Areas Development Programme is Rs.1000.00 lakhs. The expenditure during the first four years of the Seventh Plan (1985-89) was Rs.774.15 lakhs.

3.2. The approved outlay during 1989-90 is Rs.200.00 lakhs which is expected to be utilised in full. The approved outlay for 1990-91 is Rs.210.00 lakhs

3.3 The following main schemes will be taken up/continued under Border Areas Development Programme during 1990-91 (i) Horticulture Development (Plantation) in border areas. The objective of the scheme is to revive the abandoned horticultural orchards by re-planting the sub-tropical horticultural crops, like orange, arecanut, litchi, pineapple and banana; (ii) Financial assistance to non-Government schools in the border areas for building projects; (iii) Scholarships/stipends to border students; (iv) Agro-Custom hiring centre to provide custom hiring service to border area's farmers; (v) Transport subsidy scheme for distribution of rice to border areas; (vi) Construction of roads including survey works in border areas; (vii) Cultural and sports programme envisaging construction of playgrounds and community halls in border areas and (viii) Construction of office buildings for Border Areas Development Officers, etc.

3.4. The schematic outlay and expenditure as well as the physical targets and achievements of the various schemes under the programme are shown in the Statements I and II.

## STATEMENT I

### OUTLAY AND EXPENDITURE

Head of Development—BORDER AREAS DEVELOPMENT PROGRAMME

(Rs. in lakhs)

Programme	Seventh Plan Outlay (1985-90)	Actual Expenditure				1989-90		1990-91 Outlay
		1985-86	1986-87	1979-88	1988-89	Approved Outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
1. Agriculture ... ..	1000.00	10.89	9.79	7.28	13.59	9.00	9.00	9.00
2. Education ... ..		26.60	27.00	28.00	30.00	30.00	30.00	30.00
3. Supply (TSS) ... ..		12.79	16.44	20.42	17.14	15.00	24.20	25.00
4. Co-Operation ... ..		29.56	25.00	28.00	28.00	22.00	34.31	25.00
5. Roads P.W.D. ... ..		68.05	65.54	89.29	77.82	85.00	68.36	86.00
6. Border Areas Development		14.90	20.96	24.33	27.08	32.00	27.13	35.00
7. Animal Husbandry ... ..		7.44	7.60	8.00	...	..	...	...
8. Sericulture ... ..		7.49	5.63	6.97	7.93	7.00	7.00	...
9. Fisheries ... ..		1.96	2.00	0.60	...	...	...	...
<b>TOTAL 1-9</b>	<b>1000.00</b>	<b>179.74</b>	<b>179.96</b>	<b>212.89</b>	<b>201.56</b>	<b>200.00</b>	<b>200.00</b>	<b>210.00</b>

**STATEMENT—II**

**PHYSICAL TARGETS AND ACHIEVEMENTS**

**Head of Development—BORDER AREAS DEVELOPMENT PROGRAMME**

Item	Unit	Seventh Plan Target	Achievement				Target for 1989-90	Anticipated achievement 1989-90	Target 1990-91
			1985-86	1986-87	1987-88	1988-89			
1	2	3	4	5	6	7	8	9	10
<b>(i) Agriculture/Horticulture Development—</b>									
(a) Nursery Farms establishment ...	Nos (Cum)	...	3	3	3	3	...	...	The scheme will be discontinued from 1990-91.
(b) Area covered ...	Hect.	...	20.30	7.8	17	5.08	39.10	39.10	--do--
(c) Distribution of Plant seedlings ...	Nos.	...	2,00,000	1,02,794	4,300	1,89,833	4,31,000	4,31,000	--do--
(d) Distribution of Mother Plants ...	Nos.	...	...	25,000	...	3.00	7.60	7.60	--do--
<b>(ii) Loan-cum-Subsidy for purchase of—</b>									
(a) Tractor ...	Nos.	...	6	4	3	4	...	..	--do--
b) Power Tiller ...	Nos.	...	...	6	...	...	..	...	--do--
(c) Pumpset ...	Nos.	...	3	...	...	1	...	..	--do--
(d) Other Agricultural implements, etc.	Nos.	...	...	...	...	...	...	..	--do--

	1	2	3	4	5	6	7	8	9	10
<b>(iii) Multiple Cropping</b>										
(a) Area covered ..	...	...	Hect.	...	...	...	1.50	1.50	...	Scheme will be discontinued from 1990-91.
(b) Paddy Seed ...	..	...	M.T.	...	...	...	5.50	5.50	...	—do—
(c) Beneficiaries ...	...	...	Nos.	...	...	...	3.90	3.90	...	—do—
<b>(iv) Horticulture Development (Plantation) in Border Areas.</b>										
<b>(1) ESTABLISHMENT—</b>										
<b>(1) Orange—</b>										
(a) Areas ...	...	...	Hect.	..	..	...	...	...	...	10
(b) Seedlings ...	...	...	Nos.	..	...	...	..	..	...	18,000
<b>(2) Arecanut—</b>										
(a) Areas ...	...	...	Hect.	..	...	...	...	...	...	10
(b) Seedlings ...	...	...	Nos.	...	...	...	...	...	...	2,12,000
<b>(3) Litchi—</b>										
(a) Areas ...	...	...	Hect.	...	...	...	..	..	...	10
(b) Seedlings ..	...	...	Nos.	...	...	...	..	...	...	1,64,000
<b>(4) Pineapple—</b>										
(a) Areas ...	...	...	Hect.	...	...	...	...	...	...	10
(b) Seedlings ..	..	...	Nos.	..	...	...	..	...	...	2,07,000
<b>(5) Banana—</b>										
(a) Areas ...	...	...	Hect.	...	..	...	...	...	...	10
(b) Seedlings ..	..	...	Nos.	..	...	...	...	...	...	2,58,000

	1	2	3	4	5	6	7	8	9	10
<b>(II) Maintenance:</b>										
<b>(a) Orange :</b>										
Areas	...	...	...	Hect	...	...	...	...	...	10
<b>(b) Litchi:</b>										
Areas	...	...	...	Hect	...	...	...	...	...	10
<b>2. EDUCATION—</b>										
(i) Financial Assistance to Non-Government schools for Building Projects.	Nos.	...	133	226	...	76	136	136	140	
(ii) Scholarships/Stipends to Border students.	Nos.	...	10,356	6673	7,000	8,732	8,732	8,732	8,890	
<b>3. SUPPLY (T. S. S.)--</b>										
Quantity of Rice distributed to Border Areas.	Qtls. in lakhs.	...	1.20	1.40	7.50	1.70	2.30	2.30	3.60	
<b>4. CO-OPERATION—</b>										
(a) Establishment of Agro-Custom Hiring Centres.	Nos.	...	...	...	...	...	...	...	...	
(b) Number of farmers benefited by the Scheme.	Nos.	...	...	...	...	...	800	800	1,250	

	1	2	3	4	5	6	7	8	9	10
<b>5. ROADS (PUBLIC WORKS DEPARTMENT) :</b>										
(a) Road Formation ...	KM	...	14	1.18	11.54	...	12.09	12.09	13.05	
(b) Bridges ...	Nos.	...	8	1	9	...	...	...	...	
(c) Survey works ...	Nos.	...	3	..	11.00	85.00	150.00	150.00	98.00	
(d) Culverts ...	Nos.	...	3	2	8	16	...	..	...	
(e) Improvement ..	KM	...	...	..	...	1	...	...	...	
<b>6. BORDER AREAS DEVELOPMENT :</b>										
<b>(1) Cultural/Sports Programme</b>										
(a) Playground ..	Nos.	120	13	13	18	36	46	46	54	
(b) Community Hall	Nos.	110	23	23	19	40	51	51	59	
(2) Land Acquisition and Construction of Offices of BADOs, etc.	Nos.	8	2	2	2	1	1	1	1	
<b>(3) Agro-Custom Hiring Scheme in the border Areas of West Garo Hills.</b>										
(a) Power Tiller ...	Nos.	...	...	..	..	2	...	...	1	
<b>7. ANIMAL HUSBANDRY &amp; VETERINARY :</b>										
(a) Pig Breeding Farm	Nos.	3	2	2	...	...	...	...	...	The Scheme dis- continued from 1988-89 onwards
(b) Poultry Farm ...	Nos.	1	1	1	..	..	...	...	...	-do-
(c) Distribution of Duck Units.	Nos.	1,333	116	166	222	...	..	...	...	-do-
(d) Distribution of Poultry Units.	Nos.	...	..	...	119	...	...	...	...	-do-

1	2	3	4	5	6	7	8	9	10
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**8. SERICULTURE & WEAVING:**

(a) Silkworm Rearing (Family) ...	Nos.	100	20	20	25	150	40	40	The Scheme will be discontinued from 1990-91 onwards.
(b) Handloom Weavers (Family)	Mps	100	60	60	60	150	40	40	Do.
(c) Mulberry Cocoons ... ..	KG	...	...	20	...	212	1000	1000	Do.
(d) Eri Cocoons ... ..	KG	...	...	259	...	1485	1000	1000	Do.
(e) Production of Handloom Fabrics.	Square Metre in lakhs	3	...	0.643	...	...	...	...	Do.

**9. FISHERIES:**

(a) Fish Production—									
Inland ... ..	'000' Tonnes	1.00	0.170	0.2	1	0.052	...	..	The Scheme discontinued from 1988-89 onwards.
(b) Fish Production—									
(i) Fry ... ..	Million	1.00	...	0.2	1.80	...	...	...	
(ii) Fingerlings ... ..	Do.	...	...	...	..	...	...	...	
(c) Fish Seed Farm ... ..	Nos.	2	...	1	2	...	...	...	



## CHAPTER IV

### IRRIGATION AND FLOOD CONTROL

#### 4.1. Medium Irrigation

4.1.1. Rongai Valley Irrigation Project is the only Medium Irrigation Scheme Proposed to be taken up during 7th Five Years Plan. The construction of the project is aimed to irrigate 4120 hectares of land in West Garo Hills District. Detailed Investigation for implementation of this Medium Irrigation Schemes, being the first of its kind in the State of Meghalaya was taken up as per technical suggestions given by the inspecting Officers of the C. W. C., New Delhi during their inspection of the proposed site of work.

4.1.2. The Detailed Sub-soil investigation, preparation of Project Report, Design of Cannal, Barrage, etc., were entrusted to the Investigation Circle, C. W. C. Shillong. The Sub-soil investigation has been completed and the Design, Project Report, Estimates etc., expected to be ready within the Current year (1989-90) and the same shall be projected to the Technical Advisory Committee in Planning Commission for their approval.

4.1.3. The expenditure for the Project during 1988-89 was Rs.2.93 lakhs. The approved outlay for 1989-90 is Rs.50.00 lakhs. With the approved outlay of Rs.50.00 lakhs during 1989-90 it is targetted to complete 15 per cent of the headwork during 1989-90.

4.1.4. **Annual Plan 1990-91:**—There is an approved outlay of Rs.120.00 lakhs for 1990-91 for Medium Irrigation Projects. There are 3 (three) Projects under consideration, viz. (1) Pynthorwah Irrigation Project (2) Pynthorrim Irrigation Project, both in Jaintia Hills and (3) Mawramhah Irrigation Project in West Khasi Hills. Investigation for the above three Schemes will be taken up during 1990-91 to enable the State Government to justify the project before the Government of India. It is expected that 20 per cent of the head-works of the Rongai Valley Irrigation will be completed during 1990-91.

## 4.2. MINOR IRRIGATION

4.2.1. The approved outlay for the Seventh Plan 1985-90 for Minor Irrigation sector (including Command Area Development) is Rs.970.00 lakhs. The expenditure for the first four years of the 7th Plan (1985-89) was Rs.796.20 lakhs. The approved outlay for 1989-90 is Rs.250.00 lakhs which is expected to be utilised in full.

4.2.2. During the Seventh Plan period a target for coverage of additional 10000 hectares of land was fixed for minor irrigation schemes. The achievement during the first four years of the 7th Plan was 5,406 hect. During the current year an additional coverage of 2,600 hect. is expected to be achieved raising a coverage of 8,006 hect. under minor irrigation by the end of the 7th Plan thereby bringing a total coverage of 39,826 hectares under minor irrigation in the State. In the current year efforts will also be made to complete the 13 on-going projects.

4.2.3. The approved outlay for 1990-91 for Minor Irrigation (including Command Area Development) is Rs.400.00 lakhs. The main thrust during 1990-91 will be on double and tripple cropping in available culturable land to increase the food production by accelerating creation of additional irrigation potential in the State. The scheme for modernisation and improvement of existing minor irrigation projects will be continued for stabilising the benefits of the irrigation potential created. Efforts will also be taken to intensify the exploration works for development of ground water irrigation by the Central Ground Water Board during the year.

## 4.3. Command Area Development

4.3.1. The objective of the Command Area Development programme is to reduce the gap between created irrigation potential and utilisation thereof and to optimise agricultural production through better management of land and water in the command area of irrigation projects.

4.3.2 The approved outlay for the Seventh Plan for Command Area Development programme is Rs.40.00 lakhs. The expenditure for the first four years of the 7th Plan was Rs.26.35 lakhs. The approved outlay for 1989-90 is Rs.20.00 lakhs which is expected to be utilised in full.

4.3.3. The present level of utilisation of the irrigation potential in the State is about 60 per cent of the total potential created. The achievement during the first four years of the 7th Plan was 159 hect for Field channel and 55 hectares for Land levelling. During 1989-90 the anticipated achievement is 70 hect. for Field channel and 30 hect. for Land levelling.

4.3.5. The Command Area Development Programme will be continued during 1990-91 with an approved outlay of Rs.20.00 lakhs. A target of 1000 hect. for Field channel and 560 hect for Land levelling is proposed.

4.3.6. The schematic outlay and expenditure as well as the physical targets and achievement in respect of Minor Irrigation sector and Command Area Development Programme are shown in the Statements I and II.

## STATEMENT--I

Head of Development: MINOR IRRIGATION

## OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Programme	7th Plan outlay (1985-90)	Actual expenditure				1989-90		1990-91 outlay
		1985-86	1986-87	1987-88	1988-89	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
1. Surface water scheme (Flow & Lift) ...	50.00	93.70	101.90	124.82	101.05	120.00	120.00	259.00
2. Ground Water scheme (STW/DIW) ...	30.00	5.72	1.12	0.98	0.15	8.00	8.00	10.00
3. Direction & Admin. ... ..	165.00	23.50	29.37	33.51	44.89	50.00	50.00	28.00
4. Survey & Investigation ... ..	10.00	0.48	0.80	0.89	1.53	5.00	5.00	8.00
5. Machinery & Equipments ... ..	15.00	...	...	...	0.18	...	...	5.00
6. Improvement & Modernisation ..	45.00	31.30	32.36	30.47	76.11	42.00	42.00	50.00
7. Construction of non-residential bldgs.	15.00	14.37	9.99	5.83	4.91	5.00	5.00	...
8. CAD-Programme ... ..	40.00	1.00	...	4.15	21.20	20.00	20.00	20.00
9. Strengthening of Ground & Surface water (M. I.) Organisation ... .. (Machinery & Equipments) ... ..	...	...	...	...	..	...	...	20.00
<b>Grand Total:—</b> ... ..	<b>970.00</b>	<b>170.07</b>	<b>175.57</b>	<b>200.65</b>	<b>250.02</b>	<b>250.00</b>	<b>250.00</b>	<b>400.00</b>

## STATEMENT - II

Head of Development— MINOR IRRIGATION

### Physical Targets And Achievement

Item	Unit	7th Plan Target	Achievements				1989-90		Target 1290-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9	10
1. Surface Water Sources (Flow and Lift)	Hect	9500	1670	1530	1100	1026	2500	2500	1370
2. Ground Water Sources (STW/DTW)	Hect	500	80	...	...	..	100	100	270
3. Command Area Development Pro- gramme —									
(1) Field channel	Hect	3000	...	...	84	75	70	70	1000
(2) Land levelling	Hect	1000	..	...	35	20	30	30	560

#### 4.4. FLOOD CONTROL

4.4.1. Protection works in flood affected areas are provided in places which are subjected to the turbulency of nature during the monsoon. The works are mostly intended for protection of paddy fields as well as protection of river banks. A number of villages have also been benefited to a considerable extent.

4.4.2. The Planning Commission initially approved outlay of Rs 135.00 lakhs for the 7th Plan. However based on annual plan allocations the total approved outlay comes to Rs.155.00 lakhs. During the 1st 3 years of the 7th Plan *i.e.* 1985-1986, 1986-87 and 1987-88, *i.e.* upto 31st March, 1988 the actual expenditure is (Rs.20.00 lakhs+Rs.20.00 lakhs+Rs.25.00 lakhs)=Rs.65.00 lakhs. The following achievements have been made as at the end of the March, 1988:—

- (i) Construction of flood embankment 5.10 Km.
- (ii) Protection work 9.70 Km.
- (iii) Area benefited 955 Hect.

4.4.3. The approved outlay for the fourth year of the 7th Plan (*i.e.* 1988-89) was Rs.30.00 lakhs. With this approved outlay the following targets have been achieved during 1988-89:—

- (i) Construction of flood embankment—2 Km.
- (ii) Protection work—3 Km.
- (iii) Area benefited—320 Hect.

4.4.4. The approved outlay for the Current Year (1989-90) which is the last year of the 7th Plan, is Rs.55.00 lakhs. With this approved outlay of Rs.55.00 lakhs, it is anticipated that the following targets will be achieved during 1989-90:—

- (i) Construction of flood embankment—1.50 Km.
- (ii) Protection works—4.00 Km.
- (iii) Area benefited—1.20 Hect.

4.4.5. **Annual Plan 1990-91:—**The approved outlay for the 1st year of the 8th Plan, *i.e.* 1990-91 is Rs.67.00 lakhs. With this approved outlay, the following targets have been fixed for 1990-91:—

- (i) Construction of flood embankment—4 Km.
- (ii) Protection works—5.50 Km.
- (iii) Area to be benefited—12.00 Hect.

## CHAPTER V: ENERGY

### 5.1. POWER

5.1.1. The approved outlay for 'Power' sector in the Seventh Plan is Rs. 70 crores. The anticipated expenditure for the Five Year period is Rs. 127.02 crores.

5.1.2. The outlay for 1989-90 is Rs. 3551 crores. An amount of Rs. 35.45 crores has been allotted for Power sector for 1990-91. This includes Rs. 13. crores for Rural Electrification programmes.

5.1.3. The programmes briefly described in the following Paragraphs

#### I. ON GOING GENERATION PROJECT:

Umiam-Umtru Stage-IV Hydro Electric Project with Upper Khri Diversion, the only on-going Generation Project in the State of Meghalaya, comprises of two components namely, (1) Umiam-Umtru Stage-IV Hydro Electric Project and (2) Upper Khri Diversion. The Project envisages installation of 2 (two) Units of 30 M. Watt each. The Stage-IV Hydro Electric Project is expected to be commissioned by December, 1990. The estimated cost of the Project is Rs. 81.68 Crores which, with capitalisation of interest of Rs. 12.00 Crores stands at Rs. 93.68 Crores. The total expenditure as on 30th September, 1989 including capitalisation of interest is Rs. 77.00 Crores.

The works on Upper Khri Component of the Project were suspended towards the end of 1980-81 due to land acquisition problem. The provision for 1990-91 is Rs. 12.50 crores.

#### II TRANSMISSION AND DISTRIBUTION WORKS

Under T & D head, the following works have been included under state plan for the year 1989-90 and present status are as follows:

(a) **Modification augmentation of the grid sub-station and Power Station switchyard and construction of new 132 KV Transmission Lines:**

The original approved estimated cost of the schemes is Rs. 246 lakhs. The revised estimated cost is Rs. 471 lakhs. Allocation for the year 1989-90 against this scheme is Rs. 120 lakhs. 12 Km of 132 KV line from Stage I PH to Shillong was completed upto March 1989. Order for equipment for the augmentation of Khliehriat, Mawlai, Stage I and Umtru PH were placed with the firm. Materials for express channel PLCC links between Mawlai-Sumer-KHEP-Umtru-Khalipara have been procured. Programme for 1989-90 also included construction of 132 KV line from Stage III PH (8.1KM). The erection work could not be completed due to non receipt of tower materials.

**(b) Establishment of a 132 KV grid sub-station at NEHU Complex (Shillong)**

The original estimated cost of the schemes is Rs. 216.50 lakhs. The revised estimated cost is Rs. 339.50 lakhs. The allocation for the year 1989-90 is only Rs. 64 lakhs for procurement of mainly 33 KV equipment for the sub-station. There may be some shortfall in expenditure due to non-receipt of of sub-station structure.

**(c) Normal Development Works:**

Under N.D. works programme following works were included:—

33 KV line	...	...	...	...	66.5 Km
11 KV line	...	...	...	...	21 Km
L/T Line	...	...	...	...	70 Km
11/Kv S/S	...	...	...	...	6.5 MVA
33/11 KV S/S	...	...	...	...	19.33 MVA

The Allocation for the year 1989-90 is Rs. 371 lakhs, it is anticipated that the entire amount would be spent during the year.

**(d) Improvement of Power Supply system in Shillong City:**

The original estimated cost of the scheme was Rs. 273 lakhs. The Board appointed Consultants for preparing a comprehensive scheme for system improvement works for Shillong city. The consultants have prepared the Master Plan for renovation and augmentation of power supply system for Shillong and have estimated that cost of the scheme to be about Rs. 1003 lakhs. Allocation for the year 1989-90 is Rs. 372 lakhs with a work programme as follows :

(a) Uprating of H. T. and L. T. Lines ... .. 95 K. M.

(b) Augmentation/Addition of transformation ... .. 20 M. V. A. capacity.

An amount of Rs. 350 lakhs has been provided for 1990-91. The outlay earmarked for 1990-91 for T. and D. schemes is Rs. 9.55 crores.

**III. RURAL ELECTRIFICATION WORKS :**

The total number of inhabited villages in Meghalaya as per 1981 census is 4902. Upto December, 1989, 2070 villages have been electrified constituting 42% against an all India average about 80% .

In the year 1989-90, the allotment is Rs. 800 lakhs for electrification of 230 villages. Upto December, 1989, 113 villages have been electrified. It is expected that full target would be achieved during the year. Rs. 13 crores has been earmarked for Rural Electrification Programme for electrifying 350 villages.



#### IV. NEW SCHEMES :

##### (i) Myntdu Leishka H. E. Project Stage-I ( $2 \times 18$ M. Watt)

Detailed investigation works for Stage I of Myntdu Leishka Hydro Electric Project have been completed. Project Report is under preparation and will be submitted to Central Electricity Authority for approval. Works on this Project are expected to be started in this year 1990-91.

##### (ii) Lokro micro Hydel Project ( $2 \times 250$ K. Watt).

Detailed investigation works of Lokro Micro Hydel Project have been completed. Project Report is under preparation and will be submitted to the Government for approval. Works on this Micro Hydel Project are expected to be started in this year 1990-91.

Both these projects when implemented will considerably benefit the Rural Sector.

#### INVESTIGATION SCHEMES :

##### Myatdu Leishka Stage-II C ( $2 \times 18$ M. Watt) .

Detailed investigation works on Stage-II of Myntdu Leishka has already been started and expected to be completed by the middle of 8th Plan.

##### (ii) Mini/Micro Hydel Schemes.

Investigation of the following Mini/Micro Hydel Schemes are in progress. The investigation works are expected to be completed by the middle of 8th Plan and thereafter the works will be taken up on these schemes.

1. Upper Umiam Mini Hydel Scheme—  $2 \times 20$  to  $2 \times 50$  M. Watt  
(East Khasi Hills).
2. Galwang Micro Hydel Scheme—  $2 \times 50$  K. Watt  
( Garo Hills ) .
3. Upper Simsang Micro Hydel Scheme—  $2 \times 260$  K. Watt  
( Garo Hills ) .
4. Lower Simsang Micro Hydel Scheme—  $2 \times 500$  K. Watt  
( Garo Hills ) .
5. Dareng Micro Hydel Scheme—  $2 \times 75$  K. Watt  
( Garo Hills ) .

**STATEMENT I**  
**Annual Plan 1990-91**

Development Scheme/Projects—OUTLAY AND EXPENDITURE  
Power

(Rs. in lakhs)

Name of the Scheme/Projects*	Seventh Plan (1985-90) Agreed Outlay	1985-88 Actual Expenditure	1988-89 Actual Expenditure	1989-90		Outlay
				Approved Outlay	Anticipated Expenditure	
1	2	3	4	5	6	7
<b>A. GENERATION:</b>						
1. Approved and on-going Schemes ... ..	3490	3891	1550	1793	1793	1130
2. UMIAM-UMTRU Stage IV HEP with upper Khri Division.	...	..	...	...	...	...
<b>NEW SCHEMES</b>						
(a) Renovation of Sonapani Power Station ... ..	10	...	...	10	...	...
(b) Uprating of existing Power Stations ... ..	...	...	...	...	...	20
(c) Micro-Mini hydel Power Stations ... ..	...	...	...	...	...	..
(d) Myntdu-Leishka Stage I ... ..	...	...	...	...	...	100
<b>SUB-TOTAL GENERATION</b> ... ..	<b>3500</b>	<b>3891</b>	<b>1550</b>	<b>1803</b>	<b>1803</b>	<b>1250</b>

1

2

3

4

5

6

7

**B. TRANSMISSION AND DISTRIBUTION WORKS :**

(a) On going Schemes

(i) 132 KV S/C line from Nangalbibra to Tura with associated substation at Tura.	1000.00	66	...	...	..	...
(ii) Modification, augmentation of extension of the Power station and grid substation switchyard in Meghalaya and construction of new 132 KV transmission lines.	...	76	44	120	120	100
(iii) Construction of 132 KV S/S at NEHU complex	...	7	134	64	64	100
(iv) Normal Development works ... ..	...	395	158	371	371	...
(v) Improvement of Power Supply system in Shillong city	...	169	114	328	328	350

	1	2	3	4	5	6	7
<b>B. NEW SCHEMES—</b>							
(i) Distribution Master Plan of Meghalaya	...	...	...	...	...	...	400
(ii) Construction of 132 KV S/S at Nongstoin (2×5 MVA)	...	...	...	...	...	...	5
(iii) Construction of 132 KV S/C line from Stage IV PH to Shillong (3rd Circuit)	...	...	...	...	...	...	...
<b>Sub-Total T &amp; D</b>		1000	713	450	883	883	955
<b>C. RURAL ELECTRIFICATION ON WORKS—</b>							
(i) R. E. (Normal)		1699	1077	534	650	650	} 1300
(ii) R. E. (MNP)		701	350	416	150	150	
<b>SUB-TOTAL—RE</b>		2400	1427	950	800	800	1300
<b>D. SURVEY AND INVESTIGATION WORKS—</b>							
		100	122	50	65	65	40
<b>Grand Total—</b>		7000	6151.14	3000	3551	3551	3545

**STATEMENT II**  
**Annual Plan 1990-91**  
**PHYSICAL TARGET AND ACHIEVEMENT**

Head of Development—POWER:

Serial No.	Item	Code No.	Unit	Seventh plan (1985-90) target	1985-88 achievement	1986-89 achievement	1989-90		1990-91 proposed target
							Target	achievement Anticipated	
1	2	3	4	5	6	7	8	9	10
<b>POWER :</b>									
1.	Installed capacity	...	MW	126.7	...	...	...	...	60MW
2.	Electricity Generated	...	MKWH	1749.3	1118.98 MU	422.887 MU	365 MU	380 MU	428.5MU
3.	Electricity Sold	...	MKWH	1608.7	674.157 M	231.396 MU	321.34 MU	335.74 M	378.208 MU
4.	Transmission Lines	...	Kms.	24	12	...	12	12	...
<b>45 Rural Electrification—</b>									
(a)	Village Electricity	...	[No.	1170	360	...	230	230	350
(b)	Pumpset Energised by Electricity	}	No.	202	9	...	...	...	...
(c)	Tube well Energised by Electricity								

## 5.2 NON-CONVENTIONAL SOURCES OF ENERGY (NEW AND RENEWABLE SOURCES OF ENERGY) (N.R.S.E.)

5:2:1 The Planning Commission approved an outlay of Rs.150.00 lakhs for the 7th Five Year Plan for Non-Conventional Sources of Energy Programme. The year-wise plan allocation and corresponding expenditure under the programmes during the plan period are as under:—

Year	Annual Plan Allocation (Rs. lakhs)	Expenditure (Rs. lakhs)
1985-86	10.00	9.00
1986-87	11.80	14.30
1987-88	18.00	17.50
1988-89	20.00	22.28
1989-90	25.00	25.00(Anticipated)
Total	84.80	88.08

This Programme has been implemented by the Meghalaya Non-conventional and Rural Energy Development Agency from 1987-88. Before this Agency was set up there was no agency in the State to deal exclusively with this programme. The Science and Technology Cell of the Planning Department implemented a few schemes only. Now the agency has been strengthened to take up the programme effectively.

5:2:1 Energy is an extremely important component in the development process for providing economic and social benefits. However, these are capital intensive and ours is a State of low financial resources. In view of this, strategies were evolved and methods thought of meeting our requirements utilising the natural sources of energy available within the geographical boundaries of the state. Keeping this in view and with the objective of helping to improve the quality of life, and effort for development and utilisation of new and renewable energy sources was made in the Seventh Five Year Plan.

These Non-Conventional/Renewable energy sources were harnessed or power generation other applications. The studies of wind energy potential is being continued and that of bio-potential energy, mini/micro-hydel schemes have been completed and based on this ambitious schemes are drawn for power generation.

The feasibility and user's acceptance of solar thermal systems (Solar water heating system, solar cookers) has already been established and emphasis has been given on this programme. Under solar photo-voltaic programme, single crystal silicon cells has also been found cost effective. Installation of family size biogas plant has also been taken up. The existing programme shall be supplemented by appropriate modification in the existing technology to suit our climatic conditions. Development/distribution/installation of improved chullahs continued to receive special attention. Support for energy audit studies for promotion of energy conservations has also commenced.

By the end of seventh plan, 31 solar water heating system of varying capacities 200 solar P. V. street lights, 200 solar P. V. domestic lights, 10 solar P. V. pumps shall be in operation in the State. 2 Nos of 1 KW Wind Battery charger has also started functioning at Saipuug and Cherapunji, The State will also achieve a target of 300 family size biogas plants and 4500 improved wood burning stove.

**5.2.2 Programme for 1990-91 :—**The approved outlay for the year 1990-91 is Rs.45.00 lakhs. During the year is proposed that these programmes be continued and emphasis will be given in solar Thermal, Solar Photovoltaic, Bio-Energy and improved chullahs programme. Energy audit studies for promotion of energy conservation programme shall also be extended to transport and commercial section. Detailed investigation on basis of identification studies carried out during the Seventh Plan is purposed to be taken up for Six Schemes.

5:2:3. The Physical achievements made during the 7th Plan period and the targets for 1990-91 are given in the Statement-I below:—

## Physical Achievements

## Head of Development—NON-CONVENTIONAL SOURCES OF ENERGY

Item	Unit	Seventh Plan Target	Achievements				1989-90		Targets 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9	10
1. Solar Thermal—									
(a) Solar Water Heating System ...	...	15 Nos.	1	3	2	5	8	...	10
(b) Solar Cooker ...	...	600 Nos.	...	...	200	200	200	200	200
2. Solar Photovoltaic ...	...	5 Nos.	...	...	...	...	...	...	...
(a) Street Lights ...	...	...	...	20	10	10	150	60	200
(b) Domestic Lights ...	...	...	...	20	...	180	...	...	...
3. Wind battery charges ...	...	5 Nos.	...	...	...	2 X 1 KW.	10	...	...
4. Biogas Plants ...	...	200	20	30	40	50	60	60	100
5. Energy Conservation—									
(a) Improved chullahs ...	...	2000 Nos.	...	...	...	1000	2000	2000	2000
(b) Energy Audit Studies ...	...	...	...	...	...	...	1 unit	1 unit	2 (two) unit <sup>s</sup>
6. Micro Hydel Identification studies ...	...	53 possible sites ...	...	...	...	...	Continuing	Completed	Detailed in vestigation of 6 (six) Schemes.



## CHAPTER VI

**Industries and Minerals**

## 6.1. Small Scale Industries

6.1.1. The approved outlay for the Seventh Plan for this sector is Rs.320 lakhs and the anticipated expenditure for the five year period is about Rs 369 lakhs. The approved outlay for the Annual Plan 1990-91 is Rs.122 lakhs. The Annual Plan is virtually at the same level as the Annual Plan for 1989-90 which was Rs.115 lakhs. As such, the amounts are mainly for continuing the present activities.

6.1.2 **Organisation**—A provision of Rs.22 lakhs has been made to meet the expenditure on direction and administration. The provision of Rs.2 lakhs for the Headquarter Organisation is only to meet some staff component and establishment cost. Under the District Organisation, a provision of Rs.7 lakhs has been made to meet the establishment cost of 2 new sub-divisions for which preliminary action has already been taken. These will be located at Nongpoh Sub-division and Baghmara.

6.1.3. Under the District Industries Centres, a provision of Rs.13.00 lakhs has been made. This is to meet the cost restructuring the 3 D.I Cs. in East Khasi Hills, West Garo Hills and Jaintia Hills by entertaining Project Managers.

6.1.4. **Training**—A provision of Rs.8 lakhs has been earmarked for training purpose during 1990-91. The Scheme Training Inside and Outside the State is to meet the stipendary cost of trainees which is a continuing scheme to generate self employment and wage-earners. Rs 2 lakhs provided for the special agencies for taking up special training programme for about 12 entrepreneurs to facilitate setting up of small scale industrial units. Rs.3 lakhs has been provided under the D.I.C. Action Plan Scheme for Entrepreneurship Development Programme, Motivation programme and other training scheme in the D.I.Cs.

6.1.5. **Industrial Estates**—A provision of Rs.20 lakhs has been earmarked for the Industrial Estates. No new estate has been proposed. The amount is meant only to continue the work for the existing 4 (four estates in the State. Provision has been made for construction of sheds and also for the approach road, water supply and fencing on the Estate already started in East Garo Hills, Jaintia Hills and West Khasi Hills.

6.1.7. **Package Scheme of incentives (Small Scale Industries)**—With the declaration of the Industrial Policy and the Package Scheme of Incentives, entrepreneurs are coming forward for establishment of small scale industrial units. A provision of Rs.20 lakhs has been earmarked for providing package of incentives in the form of investment, project subsidies, relief on taxes, power subsidy, etc.

6.1.6. **Exhibition**—This is a continuing scheme for conducting district exhibitions in all the district headquarters of the State. These would afford a marketing avenue for artisans and small scale units in the districts.

6.1.7. **Grants-in-Aid**—The scheme is a continuing scheme and a provision of Rs.3 lakhs has been earmarked to continue the follow up assistance measure to passed out trainees from Departmental Training

Centres and other training scheme. Assistance is being given mostly in the form of kind together with a small amount of working capital assistance.

**6.1.8. Raw material to small scale industrial units**—This is also a continuing scheme and a provision of Rs.6 lakhs has been provided to meet the additional cost of raw materials so that artisans are in a position to obtain the raw materials at prices prevailing in other places. Part of the expenditure would also be used to supplement the inventory cost. The M.I.D.C. is operating the scheme.

**6.1.9. Modernisation of continuing scheme**—A provision of only Rs.5 lakhs has been made for this scheme so as to enable to modernise at least one of the training centre. The centre at Asanaggiri is a very old centre from Assam time and part of the modernisation programme is taken up during 1989-90 which will be completed during 1990-91.

**6.1.10. Handicrafts**—A provision of Rs.8 lakhs has been earmarked for the Handicrafts Sector. Rs.5 lakhs will be given to the Meghalaya Handicraft & Handlooms Development Corporation as share capital Contribution for promotional works of the Corporation in handicrafts. Rs.3 lakhs has been provided for training in Mastercraftsman and is meant to meet the stipendiary cost of trainees together with honorarium and part of material cost under the Mastercraftsman.

**6.1.11. Khadi & Village Industries Board**—A provision of Rs.15 lakhs has been earmarked for the Khadi Board. This is to meet the establishment cost of the Board which is a liability of the State Government.

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Schematic details have been given in the following statements ( I & II)

Annual Plan 1990-91

Statement--I

OUTLAY AND EXPENDITURE

Head of Development ; Small Scale Industries

(Rs. in lakhs)

Programme	Seventh Plan Outlay 1985-90	Actual Expenditure				1989-90		1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipat- ed Expen- diture.	
1	2	3	4	5	6	7	8	9
<b>Village and Small Industries—</b>								
<b>Direction and Administration—</b>								
1. Head Organisation ... ..	...	0.88	0.60	1.50	1.20	2.00	2.00	2.00
2. District Organisation ... ..	...	2.193	4.722	4.90	5.30	6.70	6.70	7.00
3. District Industries Centre ... ..	..	7.60	11.668	11.10	12.06	12.85	12.85	12.50
		10.673	16.930	17.50	18.56	21.55	21.55	21.50
<b>Training—</b>								
1. Training Inside and Outside the State ... ..	...	1.26	1.445	1.69	1.36	1.60	1.60	3.00
2. Special Agencies ... ..	...	...	...	...	...	...	...	2.00
3. District Industries Centre Action Plan ... ..	...	Incorporated in Sl. 3 above.			..	4.40	4.40	2.50
		1.26	1.445	1.69	1.36	1.00	6.00	7.50
Industrial Estate ... ..	...	1.416	4.99	11.16	10.47	20.00	20.00	30.00
		1.416	4.99	11.16	10.47	20.00	20.00	30.00

	1	2	3	4	5	6	7	8	9
<b>Small Scale Industries—</b>									
1. Package Scheme of Incentives ... ..			...	...	...	4.15	14.50	14.50	20.00
2. Exhibition ... ..			20.55	1.08	8.12	3.75	7.70	7.70	5.09
3. Grants-in-aid ... ..			3.00	3.00	3.00	3.00	3.00	3.00	3.00
4. Modernisation ... ..			...	0.48	...	...	...	...	...
5. Raw Material to S.S.I. .. ..			...	...	...	20.00	4.00	4.00	6.00
<b>6. Modernisation of continuing Scheme—</b>									
(i) Training Institute (Leather, Carpentry and Blacksmithy section)			1.20	2.654	2.50	2.54	2.50	2.50	1.00
(ii) Saw Milling-Cum-Mechanised Carpentry			0.183	0.756	...	...	..	..	...
(iii) Employment Programme (Knitting and Tailoring Centre).			..	1.168	1.46	1.03	9.70	9.70	2.25
(iv) Multipurpose Service Workshop ...			9.776	0.50	0.91	0.78	4.85	4.85	2.75
(v) Tailoring, Knitting, and Embroidery Centre.			...	...	..	...	1.20	1.20	...
			34.709	9.638	15.99	35.35	47.45	47.45	40.00
<b>Handicrafts Industries—</b>									
1. Meghalaya Handloom Handicrafts Development Corporation.			1.00	3.00	3.00	3.00	3.00	3.00	5.00
2. Mastercraftsman Training ... ..			2.51	2.88	2.78	2.46	3.00	3.00	3.00
			3.51	5.88	5.78	5.46	6.00	6.00	8.00
<b>Khadi and Village Industries—</b>									
			7.00	9.79	10.22	14.00	14.00	14.00	15.00
<b>GRAND TOTAL</b> ... ..			57.568	48.733	62.34	85.10	115.00	115.00	122.00

STATEMENT II

ANNUAL PLAN 1990-91  
Physical Statement

Head of Development—Small Scale Industries

Item	Unit	Seven Plan Target	Achievements				1939-90		1990-91 Target	
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated achievement		
1	2	3	4	5	6	7	8	9	10	
Village and Small Industries										
(i) Small Scale Industries—										
(a) Units functioning	No.000	500	131	131	167	261	150	150	150	
(b) Production	Rs. lakhs	1000	226.65	306.07	579.4	1397.85	900.00	900.00	900.00	
(c) Persons Employed	'000	3500	679	709	1048	1428	900	900	900	
(ii) Industrial Estates/Areas—										
(a) Estates/Areas functioning	Nos.	1	1	1	1	3	4	4	4	
(b) No. of units	Nos.000	...	...	...	...	...	..	...	...	
(c) Production	Rs. lakhs	...	...	...	...	...	...	...	...	
(d) Employment	No.000	...	...	...	...	...	...	...	...	
(viii) Khadi and Village Industries										
(a) Within the purview of KVIC										
(i) Production	Rs. lakhs	...	188.93	265.78	312.62	393.09	524.28	524.28	639.68	
(ii) Employment	No. '000	...	2603	3296	3597	4929	8502	8502	10292	

1	2	3	4	5	6	7	8	9	10
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(b) Outside the purview of K.V.I.C.

(i) Production	...	...	Rs. lakhs	...	...	...	...	...	...	...
(ii) Employment	...	...	No. '000	..	...	...	...	...	...	...

(ix) District Industries Centre—

(a) Units registered	...	...	No. (cum)	2500	636	750	818	997	789	789	700
(b) No. of artisans assisted	...	...	No. '000	...	...	...	...	...	...	...	...
(c) Financial assistance obtained from the Financial Institutes including Banks.	...	...	Rs. lakhs	750.00	116.79	277.60	103.40	227.30	302.00	302.00	180.00

(d) Staff in position (as on date)

(i) General Manager	...	...	Nos.	5	5	5	5	5	5	5	...
(ii) Functional Manager	...	...	Nos.	21	5	5	5	7	14	14	7
(iii) Project Manager	...	...	Nos.	10	...	...	...	...	...	...	6
(iv) Industrial Promotion Officers	...	...	Nos.	...	...	...	6	6	13	13	7

## 6.2 SERICULTURE AND WEAVING

6.2.1. The approved outlay for Sericulture and Weaving for the Seventh Five Year Plan is Rs. 395 lakhs. Out of this Rs. 183 lakhs is provided for Sericulture and Rs. 120 lakhs for Handloom Weaving. The expenditure during the first four years of the plan period (1985-89) is Rs. 241.40 lakhs. The outlay for 1989-90 is Rs. 95 lakhs and it is expected to be utilised in full. An amount of Rs. 105 lakhs has been provided in the Annual Plan 1990-91 of which Rs. 67 lakhs for Sericulture and Rs. 38 lakhs for Handloom Weaving.

### A brief resume of the activities under plan programmes/ schemes during the Seventh plan period

6.2.2 **Sericulture**—Seven Schemes were under implementation including one scheme under Border Areas Development Programme. Additional plantation area to the extent of 490 hectares under mulberry and 463 hectares under eri has been covered besides the improvement of existing plantation in selected pockets. Nurseries were started for raising improved varieties of saplings for distribution to the village rearers. Chowki rearing centres were organised for distribution of chowki worms. A number of mulberry demonstration units were started to help the village rearers in plantation and rearing. The progressive sericultural farmers were trained up to act as village guides to the other farmers. The existing seed farms have been organised and strengthened to ensure production and supply of disease free seeds. Eri spinning centres were set up with facilities for training of local spinners. The pre-service training of personnel has been arranged both in Diploma and Certificate course. A Sericultural Training Institute was set up in the State for Certificate Course training (15-Months Course). inservice training of personnel and farmers training.

6.2.3 The number of Farms/Centres etc., started during the period, number of farmers and personnel trained up are indicated below:—

1. Mulberry Nurseries	...	...	...	5 Nos
2. Muga Nurseries	...	...	...	2 ,,
3. Chowki, rearing centres	...	...	..	15 ,,
4. Eri spinning centres	...	...	...	4 ,,
5. Cocoon processing centre	...	...	...	Nos.
6. Eri silk farm	...	...	...	1 ,,
7. Mini eri seed grainages	...	..	...	3 Nos.
8. Farmers trained up	...	...	...	150 ,,
9. Personnel trained up:—				
(i) in Diploma course	...	...	...	8 Nos.
(ii) in Certificate course	...	...	...	35 Nos.

6.2.4 **B. Weaving**—Six Schemes were under implementation including one Scheme under Border Areas programme. Effects have been made to step up the production of good quality fabrics by providing improved training and demonstration facilities to weavers. The Meghalaya Handloom and Handcrafts Development Corporation was set up with a view to promote commercial production and marketing of Handloom products. Assistance was also given for modernisation of loom etc. Block printing and polysters weaving was introduced side by side with cotton and silk weaving.

6.2.5 The Meghalaya Apex Handloom Weaver' and Handicraft Co-operative Federation has been set up to assist and strengthened the working and share capital fund base of the Primary Handloom Weavers' co-operative Societies. The pre-service training of personnel has been arranged both in Diploma Course (12 Nos.) and Certificate Course (28 Nos.). A Handloom Training Institute was also set up in the State with necessary infrastrucutres for Certificate Course training (2 years' Course), In-service training of personnel and training of progressive weavers.

6.2.6 The following centres were also started during the period:—

1. Handloom Demonstration-cum-Production centres ... .. 7 Nos.
2. Mobile Handloom Demonstration units. .... 4 ,,
3. Handloom Export-Oriented centre ... .. 1 No.
4. Modernised Handloom production Centre. ... .. 1 Nos.

6.2.7. As a result of implementation of the aforesaid programmes under Sericulture and Handloom-Weaving the level of production achieved at the end of the Seventh plan period is as follows:—

Items	Unit	Seventh plan total target	1985-89 Achieved ment	1989	
				Target	Expected Achievement
1	2	3	4	5	6
1. Mulberry cocoons.	In kg	41,000	32,30	10,500	10,500
2. Mulberry raw silk.	do	3,000	1,781	800	800
3. Eri cocoons	Lakh Kg.	5.8	4.3	1.5	1.5
4. Muga cocoons	Lakh No.	168.0	128.07	40.0	40.0
5. Handloom Fabrics	Lakh Sq. Metres.	91.9	69.5	21.0	2.10



**Programme for 1990-91.—**

6.2.8. The development strategy of the proposed programmes for Sericulture and Handloom-Weaving during the Eight Five Year Plan 1990-95 is to increase and intensify production, and also to create further employment opportunities in the rural sector. Productivity is sought to be improved through mobilisation of the existing resources and infrastructures with the use of improved techniques and additional operational facilities wherever necessary. It is in the context that the schemes for 1990-91 have been drawn up.

**A. Sericulture—**

6.2.9. Five Schemes has been proposed. They are as follows—

(1) Additional coverage of plantation area through Block Plantations in selected villages with departmental efforts to ensure systematic plantation of silk worm food plants, proper fencing, irrigation, etc.

(2) Improvement of existing plantation area.

(3) Setting up of the following new centres—

(i) Mulberry	...	...	...	...	1 No.
(ii) Muga nursery	...	...	...	...	1 „
(iii) Chowki rearing centres	...	...	...	...	2 Nos.
(iv) Eri spinning centre	...	...	...	...	1 No.
(v) Muga Germ plasm Bank	...	...	...	...	1 „
(vi) Muga Reeling Unit	...	...	...	...	1 „

(4) Modernisation of the existing silk Reeling and twisting unit at Tura.

(5) The training of personnel Diploma Level 1 No. Certificate Level 5 Nos., Sericultural farmers 40 Nos.

6.2.10. (B) **Weaving**—Six schemes have been proposed and the programmes include—

(1) Additional coverage of 5 selected traditional villages, with 50 Nos. of additional looms and facilities for demonstration and training, construction of common worksheds etc.

(2) Establishment of one Modernised Handloom Production centre and strengthening of 2 existing Handloom Production Centres.

(3) Establishment of one Handloom Research and Designing centre, and one Post loom Processing centre for documentation of designs, creation of post loom facilities including dyeing and printing, etc.

(4) Assistance to the State Handloom Corporation and the State Apex Society for modernisation of 60 and 50 looms respectively.

(5) Training of one personnel in Diploma Course and 5 Nos. in Certificate course besides intensive practical training of 40 weavers.

The proposed targets of production for 1990-91 are as follows—

(a) Mulberry cocoons (in kg.)	...	...	...	12,600
(b) Mulberry raw silk ( ,, )	...	...	...	900
(c) Eri cocoons (in lakh kg.)	...	...	...	1.7
(d) Muga cocoons (in lakh (kg.)	..	...	...	42.0
(e) Handloom fabrics (in lakh square metres)			...	22.8

6.2.11. **N. E. C. Scheme**—A scheme for Modernisation of Mulberry Silk Reeling and Twisting Unit at Shillong was taken up under N.E.C. programme during the Seventh Plan period. The total estimated cost of the scheme as approved by N.E.C. is Rs. 18.05 lakh. The object of the scheme is to organise production of good quality silk yarn by utilising the cocoons produced by the village rearers, and the silk yarn thus produced could be utilised for weaving in the handloom sector. The scheme was already completed. A reeling unit building was constructed and modern reeling and twisting equipments were purchased and installed.

## STATEMENT—I

## OUTLAY AND EXPENDITURE

Head of Development :—Village and Small Industries/Sericulture and Weaving

(Rs. in lakhs)

Programme	Seventh Plan Outlay (1985-90)	Actual Expenditure				1989-90		1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipated Expenditure	
	2	3	4	5	6	7	8	9
<b>Continuing Schemes (SERICULTURE)</b>								
1. Intensive Development of Mulberry Silk Industry.	60.00	14.4	12.75	12.13	17.55	21.50	21.50	30.00
2. Intensive Development of Eri Silk Industry.	75.00	9.67	11.42	11.10	14.07	14.00	14.00	17.00
3. Intensive Organisation of Muga Silk Industry.	15.00	2.46	2.31	2.18	5.87	9.50	9.50	15.00
4. Sericulture Training ... ..	30.00	3.79	4.55	7.26	7.53	11.50	11.50	2.00
5. Strengthening of Head-quarter staff Organisation.	10.00	0.51	0.60	2.41	1.24	2.50	2.50	3.00
6. Cocoon processing Centre ... ..	5.00	2.02	1.76	0.59	0.73	1.00	1.00	...
<b>Total—(Sericulture) ... ..</b>	<b>185.00</b>	<b>32.49</b>	<b>33.39</b>	<b>35.97</b>	<b>46.99</b>	<b>60.00</b>	<b>60.00</b>	<b>67.00</b>

	1	2	3	4	5	6	7	8	9
(HANDLOOM—WEAVING)									
1. Intensive production of Handloom Fabrics.	30·00	4·88	5·63	4·42	8·87	12·50	12·50	14·00	
2. Handloom Training and Research	30·00	4·19	4·32	4·51	6·90	10·50	10·50	5·00	
3. Assistance to Meghalaya Handicraft Development Corporation.	30·00	5·00	5·90	8·08	6·00	6·00	6·00	4·00	
4. Assistance to State Apex and Primary Weavers Co-operative Societies.	20·00	3·00	2·92	4·00	4·50	4·50	4·50	4·00	
5. Establishment of Modernised Handloom Production Centre.	...	...	...	..	...	...	...	4·00	
6. Establishment of Post-loom Processing Centre.	..	...	...	...	..	...	...	7·00	
7. Handloom Export Oriented Centre...	10·00	1·92	2·84	3·18	1·50	1·50	1·50	...	
<b>Total—Handloom</b> ...	<b>120·00</b>	<b>18·99</b>	<b>21·61</b>	<b>24·19</b>	<b>27·77</b>	<b>35·00</b>	<b>35·00</b>	<b>38·00</b>	
<b>Total (Sericulture and Weaving)</b> ...	<b>305·00</b>	<b>51·48</b>	<b>55·00</b>	<b>60·16</b>	<b>74·76</b>	<b>95·00</b>	<b>95·00</b>	<b>105·00</b>	

## STATEMENT II

## PHYSICAL ACHIEVEMENT

## Head of Development—Village and Small Industries/Sericulture and Weaving

Item	Unit	Seventh Plan Target	Achievement				1989 90		Target 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Achievement	
1	2	3	4	5	6	7	8	9	10
<b>HANDLOOM INDUSTRIES</b>									
(a) Production	... Lakh Sq. metres.	91.90	14.41	17.52	18.0	19.57	21.00	21.00	22.8
(b) Employment	... No. of Families	3,500	500	600	400	500	1,000	1,000	300
<b>(SERICULTURE INDUSTRIES.</b>									
(a) Production of raw Silk.	Mulberry In Kg.	3,000	250	280	550	730	800	800	900
(b) Employment	... No. of Families	5,000	900	1,000	1,000	1,000	1,000	1,000	600

### 6. 3. MEDIUM AND LARGE INDUSTRIES

6.3.1. The total approved outlay for the Large Medium Scale sector for the Annual Plan 1990-91 is Rs.588.00 lakhs. This would cater mainly to the spillover schemes from the 7th Plan besides provisions for some new Schemes. The proposals are as detailed below:

#### 6.3.2. Share Capital to Meghalaya Industrial Development Corporation:—

**Siju Cement Project**—This is a continuing scheme from the 7th Plan. A delay in the project has been caused by the fact that the co-promoters identified, *i. e.*, M/S. Mehtas International Limited have finally backed out recently. Negotiations are already on the way with the Associated Cement Companies Limited for setting up the project. In all probability, the project would be availing second line of credit from the World Bank which would result in a saving from the total project cost. It is expected that the project would be in the region of Rs.90 to Rs.100 Crores, and since the M. I. D. C. would be holding 26% of equity in the total requirement of funds for equity participation, these would be in the region of Rs.6.55 Crores. An outlay of Rs.50.00 lakhs has been approved for the Annual Plan 1990-91 which will be required immediately a decision is arrived at.

**6.3.3 Clay Washery Plant**—The detailed project report for setting up of the project is expected to be completed by the end of 1989-90.

A provision of Rs.10 lakhs has been earmarked for 1990-91 as preliminary works will have to be taken up immediately after the project report is received.

**6.3.4. Meghalaya Electronics Development Corporation**—The Corporation has been started with the object of promoting and developing the Electronic Sector in the State. This being so, the Corporation will have to introduce a number of measures so that certain developmental activities are initiated for the Sector. On the other hand the Corporation is also to generate resources to continue these activities. Therefore, the projections made in the the 8th Plan are for the Corporation to make certain investment which would generate resource for its continued activity, and also to bring in certain developmental activities to assist growth of the sector in the State. A number of projects have been identified for promotion in the State and the Corporation could set up these projects either by itself or jointly or promote local entrepreneurs to take up such projects. Amongst these projects are Leadless Capacitors, Film Capacitors, Floppy Disks, Subscribers' Carrier Systems and Printed Circuit Boards. Other projects which can be taken up by the local entrepreneurs are Electronic Typewriter and typewriting ribbons, Electronic Toys, Energy Metre, Taxi Meter, Gas and Water Meter. Other items would also include Voltage Regulators, Diode Rectifiers, C.D.I. Units Relay for Motor, Cycles, Flashers Micro Motor, Medical Aid Electronic Equipments, Computer Key Boards and Typewriter Key Boards.

6.3.5. Amongst the developmental activities the Corporation would also implement schemes for imparting training to entrepreneurs and for creation of a work force. Market being a very important sector, the Corporation would conduct market surveys and prepare feasibility reports on projects identified. The Corporation would also assist locating suitable technology for such projects identified and in order to encourage local entrepreneurship would also be participating in the equity of projects being set up in the private sector.

For the above, a projection of Rs. 108 lakhs is being earmarked for 1990-91.

**6.3.6. Equity Participation**—The M.I.D.C. will continue the scheme of Equity Participation for assisting local entrepreneurs in setting up of industrial projects. With the announcement of the Industrial Policy, a greater demand will exist for which an amount of Rs. 50 lakhs is being made during 1990-91.

**6.3.7. Financial Operation of M.I.D.C.**—This is also a continuing scheme to enable the M.I.D.C. to continue its role of a financial corporation. Considering a loan portfolio of Rs. 400 lakhs per annum and the resource gap of about 45 per cent an amount of Rs. 50 lakhs is being allocated for 1990-91. This considering the fact that M.I.D.C. would also be generating resource to add to the amount provided.

**6.3.8 Jaintia Cements**—This is a new project proposed for 1990-91. The M. I. D. C. has received a letter of intent for the setting up of 1,800 tonnes per day capacity cement plant in Jaintia Hills District. Limestone is one of the major resources in the State and considering the fact that there is a deficit in the production of cement, investigations have already been started for setting up of this project which would basically cover the needs of the States like Manipur, Mizoram, Tripura, etc. During 1990-91, an amount of Rs. 10 lakhs has been earmarked for taking up of the detailed investigations for limestone and coal, preparation of detailed project reports and preparation of the environmental impact and Management plan. The total cost of the project has been estimated at Rs. 120 crores and M. I. D. C. would be contributing 26 per cent of the equity.

**6.3.9. Agro Based Industries**—The M. I. D. C. has on the 2nd December, 1987, signed a Memorandum of Understanding with M/s. Minel Engineering and M/s. Centrocoop of Yugoslavia and also M/s. Goots India Limited, a subsidiary of M/s. ESCORTS India for development of agro-based and horticulture based industries in the State. As a follow up on this the M. I. D. C. has signed a letter of intent with M/s. MINEL Engineering and M/s. CENTROCOOP of Yugoslavia for setting up a Fruit processing complex. Action has now been initiated for identifying the products that would be manufactured with a view to exporting 70 per cent of the production to Yugoslavia and other countries.

The items broadly identified for production are Vodka and Industrial Alcohol from Tapioca and Potato, manufacture of Fruit Brandy, clear fruit Juice, Fruit Syrup, Fruit Concentrates, Jam, Jelly and Marmalade. Simultaneously studies are also being conducted on the possibility of extracting beverages from jack fruits.

6.3.10 Tentatively the Fruit Processing Complex is expected to cost around Rs.200 crores and would be set up in a joint sector. With a debt equity ratio of 2:1 with M. I. D. C. contribution limited to 25 per cent, the requirement of funds would be to the extent of Rs. 1,700 lakhs. Rs.10 lakhs has been earmarked for 1990-91 to meet the bare preliminary expenses.

6.3.11. **Industrial Areas.**—The Master Plan for the Byrnihat Industrial Area has been completed and development of infrastructure is to be started during the last year of the 7th Plan. It is proposed to provide roads, power and water, common facility and some housing facility in the Area for which an estimate of Rs.347 lakhs has been made. In Barapani also the additional infrastructure will be provided for which estimates of Rs.340 lakhs have been made. A total amount of Rs.70 lakhs is being allocated during the Annual Plan 1990-91.

6.3.12. **Share Capital to Mawmluh-Chera Cements Limited (MCCL).**—The MCCL has now taken up a reactivation programme with an estimate cost of Rs.800 lakhs and an investment of 80 lakhs as share capital being made in the last year of the 7th Plan. The projected funding is that Rs.280 lakhs will be made available as equity for the Company and the Company itself would raise Rs.320 lakhs towards financing of the reactivation leaving Rs.200 lakhs to be raised as loan from the financial institutions. The loans have been kept at a minimum as the Company has a huge debt liability; but with the completion of the expansion programme it is expected that all the loan liabilities will be liquidated over a span of years. A provision, therefore, of Rs.110 lakhs has been made in the Annual Plan which will be required during 1990-91.

6.3.13. **Entrepreneurship Development Programme.**—This is a continuing scheme being implemented by the M. I. D. C. for development of local Entrepreneurs. With the various projects identified and equity participation by M. I. D. C. being implemented, more entrepreneurs are to be identified and trained. A provision of Rs.3.00 lakhs is being earmarked during 1990-91.

6.3.14. **Feasibility Studies.**—This is also a continuing scheme. A number of areas have opened up for business exploitation in the mineral sectors. Detailed studies are being conducted in the Lumshnong area on limestone. Detailed project reports, feasibility reports on deposits of China Clay at Mulieh in the Jaintia Hills will have to be undertaken. Then again there is a great possibility for utilisation of Megalaya coal which has some distinctive features like high sulphur content, etc. In addition, with the thrust given in the agro and horticulture sector and the electronic sector, a number of feasibility reports will also have to be undertaken. For this purpose an amount of Rs.10 lakhs is allocated during 1990-91.



**6.3.15. Manpower Training.**—This is also a continuing scheme for assisting the development of technical and managerial personnel required in the industrial sector. Training of local youths in specialised field of Engineering, etc., will continue and in addition to these, local entrepreneurs will also be deputed to industrial undertakings in other parts of the country to acquire on the spot knowledge about various industrial ventures, so that they become conversant with industries and to take over/set up industrial units of their own in the State. An amount of Rs.15 lakhs is being allocated during 1990-91.

**6.3.16. Headquarters Organisation.**—An allocation of Rs.2 lakhs has been made in the Annual Plan 1990-91 for strengthening the organisational set up at the State Level to monitor and implement the scheme for the Large and Medium Sector.

**6.3.17. 200 tones per day Lime Plant at Jaintia Hills.**—This project will be set up with funds from the N.E.C. Plan. However, the infrastructure cost for approach road, water supply, power, etc. which will be provided by the State Government and estimated at Rs.240 lakhs will have to be made available. Considering that part of the expenditure has already been provided for, a provision of only Rs.20 lakhs has been earmarked during 1990-91.

**6.3.18 Growth Centres.**—Consequent to the announcement of the setting up of Growth Centres under the Industrial Policy of the Government of India, the State has been allocated one Growth Centre for being set up in the State. According to the guidelines issued by the Government of India, the cost of the Growth Centre has been projected at Rs.30 Crores out of which, the State Government's contribution as equity to the extent of Rs.5 Crores would have to be made. In order to avail of the facility under the Scheme, a provision of only Rs.30 lakhs has been earmarked for 1990-91 to meet preliminary expenses including preparation of reports, studies, etc.

**6.3.19 Package Incentives.**—Consequent to the announcement of the Industrial Policy with the Package of Incentives for the Large and Medium Sector, it is expected that a number of units would be coming up in the next plan period. The incentives cover Subsidy on infrastructural Development, deferred payment of Sales Tax, Power subsidy etc., and it is estimated that the cost of incentives would be in the region of Rs.40 lakhs for the Annual Plan 1990-91.

Schematic details have been shown in the following Statement.

**ANNUAL PLAN 1990-91**  
**Outlays and Expenditure**

Head of Development—Industries (other than V.S.I.)

(Rs. in lakhs)

Programme	Seventh Plan Outlay 1985-90	Actual expenditure				1989-90		1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipated expenditure	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>Industries (Other than Village and Small Industries).</b>								
<b>I. Share Capital to M.I.D.C.—</b>								
1. Siju Cement Plant ... ..	400.00	...	90.00	145.00	116.00	50.00	50.00	50.00
2. Clay Wash ... ..	30.00	2.00	..	2.00	5.00	10.00	10.00	10.00
3. Meghalaya Phyto Chemical ... ..	...	25.00	...	...	...	...	...	...
4. Equity Participation ... ..	75.00	10.00	10.00	20.00	38.00	60.00	60.00	50.00
5. Meghalaya Electronic Development Corporation.	125.00	75.00	40.00	...	42.00	10.00	16.00	108.00
6. Tapioca Starch ... ..	30.00	...	...	...	...	...	...	...
7. Financial Operation ... ..	...	...	...	...	50.00	50.00	50.00	50.00

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
New Project—								
1. Jaintia Cement ... ..	...	...	...	...	...	...	...	10.00
2. Agro based Industries ... ..	...	...	...	...	...	...	...	10.00
3. Industrial Areas ... ..	200.00	21.00	24.94	20.00	20.00	48.00	48.00	70.00
4. Mawmluh-Cherra Cement Limited ...	150.00	15.00	75.00	60.00	80.00	80.00	80.00	110.00
5. Entrepreneurs Development Programme (Others).	90.00	0.50	2.00	2.00	1.50	3.00	3.00	3.00
6. Feasibility Studies ... ..	...	...	2.00	29.00	10.00	10.00	10.00	10.00
7. Man Power Training ... ..	...	5.50	5.00	6.00	6.00	7.00	7.00	15.00
8. Headquarter ... ..	...	1.00	0.50	1.26	0.64	1.00	1.00	...
9. Diagnostic Studies ... ..	...	...	...	...	1.00	1.00	1.00	2.00 ...
10. Pader Grade Lime ... ..	...	...	...	...	35.00	70.00	70.00	20.00
11. Package Scheme of Incentives ...	...	...	...	...	...	75.00	75.00	40.00
12. Pre-Investment studies for utilisation of Meghalaya Coal.	...	...	...	...	10.00	...	...	...
13. Growth Centre ... ..	...	...	...	...	...	...	...	30.00
<b>Total</b> ... ..	<b>1,100.00</b>	<b>115.00</b>	<b>249.44</b>	<b>285.26</b>	<b>409.14</b>	<b>475.00</b>	<b>475.00</b>	<b>588.00</b>

## 6.4. MINING

6.4.1. The Seventh Plan approved outlay for the Mineral Development Sector is Rs 180 lakhs. The actual expenditure for the first four years of the Seventh Plan period is Rs.159.28 lakhs. The approved outlay for 1989-90 is Rs.70 lakhs which is anticipated to be spent in full. Thus the total expenditure during the Seventh plan period is expected to be Rs.229.28 lakhs. An amount of Rs.30 lakhs has been provided in the 1990-91 annual plan for continuing the programmes under this sector.

The following mineral investigations programmes have been completed.

1. Limestone investigations at Darrang-Eraming, Garo Hills.
2. Limestone investigation at Indugithim, Garo Hills.
3. Limestone investigation at Mawsynram, Khasi Hills.
4. White clay deposits at Simsangiri, Garo Hills.
5. Granitic rock at Nongpoh, Khasi Hills.
6. Coal and Limestone deposits at Khonjoy, Khasi Hills.

The following investigation programmes are continuing:

1. Shella limestone deposits, Khasi Hills.
2. Granitic rock at Umsning, Khasi Hills.
3. Limestone deposits at Bagli, Khasi Hills.
4. Kaolin deposits at Mawlieh, Jaintia Hills.
5. Limestone deposits at Doggiri, Garo Hills.
6. Coal deposits at Siju-Damugithim, Garo Hills.

#### Review of programmes in 1989-90

6.4.2. The State Directorate of Mineral Resources is continuing the programmes of Mineral investigations during the year 1989-90. There is Short-fall in the physical achievements and this is due to shortage of technical staff which had affected the field works.

6.4.3. Under Mining sector two Divisional Mining offices have been set up in Jaintia Hills and Garo Hills. 5 check-gates have also been set up in different places to facilitate collection of cess on coal.

#### Programme for 1990-91

6.4.4. The Mineral Investigation programmes for 1989-90 will also be continued during 1990-91. The field investigation programmes for 1990-91 will be finalised in the State Geological programming Board meeting in the month of May, 1990.

6.4.5. As relaxed by Government of India, export of coal to Bangladesh has been taken up by the Meghalaya Mineral Development Corporation with effect from 24th July, 1989.

6.4.6. Detailed investigation of high grade Lime-Stone at Lumshnong North Block, Jaintia Hills which was started in 1987-88 under NEC is continued in 1989-90. It will be continued as a spill over scheme in 1990-91 with an outlay of Rs.4.50 lakhs.

#### **New Schemes**

6.4.7. A Statistical Wing is proposed to be created for proper maintenance of Technical data generated from Mineral Investigation during 1990-91.

6.4.8. It is also proposed to create a study cell on environmental protection and pollution control in the mining areas.

6.4.9. Investigation of Granite around Nongpoh, East Khasi Hills is proposed to be taken up under NEC during 8th plan period with an outlay of Rs.44 lakhs. The proposed outlay for 1990-91 is Rs.18.00 lakhs.

6.4.10. Schematic details have been given in the following Statement.

STATEMENT—I

Outlay and Expenditure

Head of Development :—MINERAL DEVELOPMENT

(Rs. lakhs)

Programme	Seventh Plan outlay	Actual Expenditure				1989-90		1990-91 outlay
		1985-85	1986-87	1987-88	1988-89	Approved outlay	Anticipa- ted Ex- penditure	
1	2	3	4	5	6	7	8	9
Continuing Schemes :—								
1. Direction and Administration—								
(a) Geology Mining Establishment ... ..		4.81	4.45	6.51	8.137	17.30	17.30	14.00
2. Training—								
(a) Promotion of Higher Studies in Mines and Minerals ... ..		0.50	0.25	0.325	0.27	0.35	0.25	0.50
3. Research and Development—								
(a) Laboratory and Analytical Units ... ..	180.60	4.22	4.05	7.745	6.096	7.50	7.50	5.00
4. Survey and Mapping—								
(a) Expenditure for Mineral Survey and Mapping ... ..	Subsequently revised to Rs. 236.00	2.63	3.33	3.06	3.484	4.95	4.95	6.00
5. Mineral Exploration—								
(a) Intensive Mineral Investigation ... ..		13.63	10.12	15.10	14.44	16.30	16.30	15.00
(b) Investigation of Mineral Projects and preparation of feasibility Reports. ... ..		1.70	6.68	..	..	0.60	0.60	0.50
(c) Administration of coal Mining Industries ... ..		1.00	1.00	1.00	7.00	5.00	5.00	4.00
(d) Exploitation of Borsora Limestone ... ..		..	..	..	..	3.00	3.00	..
6. Government Residential Building ... ..		3.00	3.00	4.00	6.00	10.00	16.00	15.00
7. Investments in Public sector undertakings ... ..		3.00	3.00	2.00	..	..	..	2.00
8. Construction of office building ... ..		1.50	3.00	2.15	2.70	5.00	5.00	18.00
<b>GRAND TOTAL : ... ..</b>		<b>35.99</b>	<b>32.88</b>	<b>41.89</b>	<b>48.127</b>	<b>70.00</b>	<b>70.00</b>	<b>80.00</b>

STATEMENT—II

Physical Statement

Head of Development :—MINERAL DEVELOPMENT

Items	Unit	Seventh Plan Target	Achievement				1989-90		Target for 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipa- ted Achieve- ment	
1	2	3	4	5	6	7	8	9	10
1. Large Scale mapping	sq. km	100.00	3.70	7.33	5.45	6.64	12.00	12.00	20.00
2. Small scale mapping	sq. km	560.00	5.17	139.00	94.00	88.00	80.00	80.00	100.00
3. Drilling	R. mts	7000.00	404.10	1294.15	791.45	984.90	1200.00	1200.00	1400.00
4. Pitting and Trenching	Cu. mts	4000.00	0.65	45.35	14.61	174.00	500.00	600.00	800.00
5. Sampling (Channel)	Nos	4000.00	250	921	672	431	800	800	800
6. Sampling (Bulk)	Nos	As required	Nil	Nil	Nil	Nil	...	...	...

## 6.5. WEIGHTS AND MEASURES

6.5.1. The total 7th Five Year Plan approved outlay for Weights and Measures is Rs.30.00 lakhs. The expenditure in the first four years of the Plan period was Rs 26.67 lakhs. The approved outlay for 1989-90 is Rs.10.00 lakhs only which is expected to be fully utilised during the year.

6.5.2. The activities under Weights and Measures are mainly to take steps for implementation of the central and State Acts for intensive and extensive enforcement of rules for protection of the interest of the Consumers. During the 7th Plan period a total of about 19,000 traders are expected to be covered under enforcement of Weight and Measures Acts and Rules including packaging commodities Rules. Further, steps were taken for strengthening of the organisation and to equip the laboratory with most modern tools and equipments.

6.5.3 The approved outlay for 1990-91 is Rs10.00 lakhs only. During that year, efforts will be made to intensify the operation of the Acts and Rules. Steps will be taken to strengthen the staff position, improve the laboratory facilities and increase the mobility of the enforcement officers.



## CHAPTER—VII. TRANSPORT

## 7.1. ROADS &amp; BRIDGES

7.1.1. When Meghalaya came into being as an Autonomous State on 2nd April, 1970 it inherited a total road length of 2786.68 K.m. only with a road density of 12.35 K.m./100 Sq. K.m. The road length in Meghalaya has increased to 5063 K.m. including 1863 K.m. of surfaced roads and a road density of 22.57/100 Sq. K.m. by the end of the Sixth Plan (1980-85). Upto the end of the fourth year of the Seventh Plan (1985-90), the road length of Meghalaya has increased to 5494 K.m. including 2295 K.m. of surfaced roads and as on 31st March, 1989 the road density has reached 24.49 K.m./100 Sq. K.m. By the end of the Seventh Plan 1985-90, i.e. upto 31st March, 1990 the total road length in Meghalaya is anticipated to reach 5584 K.m. including 2345 K.m. of surfaced roads and thereby achieving a road density of 24.90 K.m./100 Sq. K.m. Although the original approved outlay for "Roads & Bridges" in Meghalaya under the State Plan for the entire Seventh Plan period (1985-90) is Rs. 6800.00 lakhs only, yet the actual expenditure based on Annual Plan allocations is anticipated to reach Rs. 8050.41 lakhs.

7.1.2. **Annual Plan 1989-90:** The approved State Plan outlay for "Roads & Bridges" under the State Plan for the current year (1989-90) is Rs. 2200.00 lakhs out of which Rs. 220.00 lakhs is earmarked for the Minimum Need Programme. With the total outlay of Rs. 2200.00 lakhs, the following physical targets are expected to be achieved during 1989-90:—

(1) Construction of Road formation	...	90 K.m.
(2) Blocktopping of existing roads	...	50 K.m.
(3) Improvement/Widening	...	30 K.m.
(4) Major/Minor Bridges	...	600 R.m.
(5) (i) Anticipated total road length by 31st March, 1990.	...	5584 K.m.
(ii) Of which anticipated surfaced roads.	...	2345 K.m.
(6) Anticipated road density by 31st March, 1990.	...	24.90 K.m./ 100 Sq. K.m.
(7) Total number of villages anticipated to be connected up to 31st March, 1990	} ...	2250 villages

7.1.3. **Annual Plan 1990-91:** The approved State Plan Outlay for "Roads & Bridges" for the year 1990-91 is Rs. 3000.00 lakhs out of which the M.N.P component is Rs. 215.00 lakhs. With this approved total outlay of Rs. 3000.00 lakhs the following physical targets have been fixed for 1990-91:—

(i) Construction of road formation ... ..	130 Km
(ii) Metalling & Black topping of existing roads. ...	75 Km
(iii) Improvement widening of existing roads. ...	75 Km
(iv) Construction of Bridges ... ..	520 Rm

The breakup of the outlay of Rs. 3000.00 lakhs for 1990-91 is indicated below:—

**A. Roads & Bridges proper:—**

	Rs. lakhs
(i) Sixth Plan Spill over scheme ... ..	875.00
(ii) Seventh Plan Spill over scheme ... ..	1405.00
(iii) New Scheme ... ..	107.00
(iv) Town roads ... ..	100.00
(v) Accident prone areas ... ..	10.00
(vi) Permanent restoration ... ..	100.00
(vii) Survey & Investigation ... ..	16.00
(viii) Rope-way & Cable car ... ..	10.00
(ix) Land Acquisition ... ..	50.00

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Sub—Total—Roads & Bridges Proper ... .. 2670.00

**(B) COMMON OUTLAY:**

(i) P.W.D. Building ... ..	90.00
(ii) P.W.D. Machinery ... ..	90.00
(iii) Establishment ... ..	100.00
(iv) Mechanical ... ..	10.00
(v) Planning & Research ... ..	25.00
(vi) Grant to District Councils ... ..	15.00

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Sub—Total—Common Outlay ... .. 330.00

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**GRANT—TOTAL—ROADS & BRIDGES for 1990-91 3000.00**

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7:1:4 **Central Sector Schemes:** During the current year (1989-90), an outlay of Rs.450.00 lakhs has been provided by the Government of India for National Highways in Meghalaya. With this outlay, the following targets are expected to be achieved for the National Highways during 1989-90.

(i) Improvement of Geometrics including strengthening of existing pavement.	35 Km
(ii) Improvement & Widening ... ..	10 Km
(iii) Construction of Bridges in National Highways.	16 Nos.

An outlay of Rs.1100.00 lakhs is expected to be made available by the Government of India for 1990-91 and with this outlay the following targets for National Highways are expected to be achieved:—

(i) Metalling and black topping including improvement of geometrics and widening.	37.50 Km
(ii) Construction of Bridges ... ..	336 Km

7:1:5 **N.E.C. Roads**—The N.E.C. has provided an outlay of Rs. 1012.00 lakhs for N.E.C. road schemes in Meghalaya during the current year 1989-90. With this outlay, the following physical targets are expected to be achieved during 1989-90 for N.E.C. Road Schemes—

(i) Metalling and Black topping ... ..	57 Km
(ii) Improvement/Widening ... ..	30 Km
(iii) Construction of bridges ... ..	41 Nos.

An outlay of Rs. 800.00 lakhs has been approved for N.E.C. road schemes for the year 1990-91. With this outlay the following physical targets are expected to be achieved during 1990-91 for N.E.C. road schemes—

(i) Metalling & Black topping ... ..	35 Km
(ii) Improvement/Widening ... ..	30 Km
(iii) Construction of bridges ... ..	26 Nos.

7:1:6 **Minimum Needs Programme**—With the amount of Rs. 215.00 lakhs earmarked for M.N.P. during 1990-91 under the State Plan, it is expected to construct 22 Km of village roads and thereby connecting 5 (five) villages during that year. The emphasis on M.N.P. road schemes during 1990-91 will however be on the completion of Spill-Over Schemes from the Sixth and Seventh Plan.

7:1:7 The programmewise financial outlays and expenditure are indicated in Statement-I while the Physical targets and achievements are indicated in Statement-II.

**STATEMENT I**  
**Outlay and Expenditure**

Head of Development : ROADS AND BRIDGES

(Rs. in lakhs)

Programme	Seven Plan Outlay 1985-90	Actual Expenditure				1989-90		1990-91 Approved Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9
1. Spillover Scheme from 5th Plan.		279.52	188.40	89.20	281.78	...	...	...
2. Spillover Scheme from 6th Plan.		557.23	519.80	380.80	555.92	523.78	523.78	875.00
3. On Going Schemes. ...		7.50	286.65	701.13	531.90	689.92	689.92	1402.00
4. New Schemes. ...		...	2.00	..	...	195.81	195.81	107.00
5. New Schemes (L/S) ...		...	...	...	79.37	45.00	45.00	...
6. Construction of Ropeway including Cable car (Investigation).		..	...	...	...	...	...	10.00
7. L/S provision for Town Roads.		...	...	...	128.00 (Tourist festival)	214.00	214.00	100.00
8. L/S provision for permanent Resto- ration of Road and Bridges (da- maged due to natural Calamities.		...	...	..	..	..	...	100.00
9. L/S provision for L/A completed Schemes.	6800.00	...	...	...	...	...	...	50.00
10. L/S provision of Accident Prone Areas.		...	...	...	...	...	..	10.00
11. Survey and Investigation. ...		...	...	...	...	..	...	16.00
12. COMMON OUTLAY :-								
(i) P.W.D. Establishment, P.W.D. Building and Research.		137.75	148.15	361.50	317.03	465.49	465.49	215.00
(ii) P.W.D. Machineries. ...		67.00	55.00	84.78	75.00	60.00	60.00	90.00
(iii) Mechanical. ...		...	...	..	...	...	...	10.00
(iv) Grant to District Council. ...		1.00	...	...	...	...	...	15.00
(v) Grant to C. D. Block ...		...	5.00	...	9.00	6.00	6.00	..
<b>Total—</b> ...	<b>6800.00</b>	<b>1050.00</b>	<b>1205.00</b>	<b>1617.41</b>	<b>1978.00</b>	<b>2200.00</b>	<b>2200.00</b>	<b>3000.00</b>

## STATEMENT II

### PHYSICAL TARGETS AND ACHIEVEMENTS

Head of Development : ROADS & BRIDGES.

Item	Unit	Seventh Plan target	ACHIEVEMENTS				1989-90		Target 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Achievements	
1	2	3	4	5	6	7	8	9	10
1. Formation ..	Km	560 Km	75.00 Km	80 Km	120.70	95.28	90 Km	90 Km	130 Km
2. Black topping ..	Km	186 Km	54.00 Km	45 Km	65.75	49.55	50 Km	50 Km	75 Km
3. Improvement ...	Km	145 Km	22.00 Km	40 Km	25.10	66.39	30 Km	30 Km	75 Km
4. Major & Minor Bridges. ...	Rm	2100 Rm	564 Rm	505 Rm	460 Rm	621 Rm	600 Rm	600 Rm	520 Rm

## 7.2. ROAD TRANSPORT

### (MEGHALAYA TRANSPORT CORPORATION)

7.2.1. The original approved outlay for the 'Road Transport (Meghalaya Transport Corporation)' for the Seventh Five Year Plan (1985-90) is Rs. 1200.00 lakhs. As against this, a total outlay of Rs. 722.00 lakhs only was given to the Meghalaya Transport Corporation during the first four years of the Seventh Plan, i.e. up to 31st March, 1989. The approved outlay for the current year (1989-90) is Rs. 207.00 lakhs which has already been released to the Meghalaya Transport Corporation and the same will be fully utilised. The outlay approved for the year 1990-91 for the 'Road Transport' Sector is Rs 178.00 lakhs only, and this amount is also fully meant to be released to the Meghalaya-Transport Corporation as Capital Contribution.

#### 7.2.2. Review of achievements upto 1989-90—

The Corporation has completed the construction of a multistoreyed Station building at Shillong-Guwahati Depot in Police Bazar, Shillong and also completed the Station building at Tura. The construction of Central Workshop at Happy Valley Shillong has been complete and is fully operational.

The present fleet strength of the Corporation is 164 buses consisting of 140 Tata and 24 Leyland make. It is operating on 53 Routes connecting all the districts and sub-Divisional headquarters. There is also some inter-states services connecting the State Capital Shillong with the nearby States of Mizoram, Tripura, Nagaland and Assam. There is a proposal to connect Shillong with Siliguri (West Bengal). The Corporation has increases its level of operation covering a total length of 51.28 lakhs Km in 1988-89 as compared to 45.46 lakhs Kms in the previous year.

The financial performance of the Corporation indicated an improvement and the earning from traffic operation has increased by Rs. 47.69 lakhs during 1988-89 over the previous year. Fleet utilisation has also improved from 73 per cent to 79 per cent in March, 1989. The Major constraints in further improvement are mainly attributed to its high cost of over-head and also Operation of services in uneconomic routes. Unlike many other State Road Transport undertakings in the Country it has got no nationalised routes and as such, it is facing unethical competitions with the private Operators since inception.

Step has been taken for acquisition of more modern machineries and equipments with a view to improve its productivity and ensuring better fleet utilisation. Float assemblies (Unit replacement system of maintenance) has been procured in order to minimise the down time of buses for major repairs and thus increase fleet utilisation.

The Corporation has also taken up the jobs of repairing State Government Departments Cars at its Central workshop which has got the twin effect of saving expenditure of the State Government and also additional earning to the Corporation. In fact the Corporation is expected to earn a profit of Rs. 1.75 lakhs during the 6 months period ended 30th June, 1989.

## 7.2.3. A BRIEF NOTE ON THE PROGRAMME FOR 1990-91.

**(1) Land and Building:**

**(a) Shillong City Bus Complex:**—The Corporation is operating a large number of fleet for City Bus-Cum School Bus Services since 1981. There is no Depot Building with adequate space for parking, as well as maintenance facilities for running maintenance, as such it has been proposed to construct a City Bus Service Complex at Shillong. A sum of Rs. 18.00 lakhs has been envisaged to be spent under this Scheme during 1990-91.

**(b) Staff Quarter:**—In order to extend better operational facilities, it has been proposed to construct staff quarters for operational staff and Officers. A sum of Rs. 6.00 lakhs has been proposed for 1990-91.

**(c) Depot at Jowai (Flag Depot):**—It has been proposed to construct a multi-storeyed Depot building at our existing plot. A sum of Rs. 1.00 lakhs has been envisaged to be spent under this particular Scheme during 1990-91 to meet up with the initial expenses.

**(d) Depot Cum Maintenance Centre at Nongstoin:**—Nongstoin is a fast developing District Headquarter. At present the Depot is being operated from a small rented house with no parking facility. As such it is proposed to construct a full fledged Depot-Cum-maintenance Centre and Rs. 8 lakhs. has been earmarked for 1990-91.

**(e) Regional Workshop at Tura:**—In view of the fact that quite a number of services are being operated from Tura which is far off Shillong and all the vehicles are towed to Shillong for major repairs, it is proposed to construct a fully equipped Regional Workshop at Tura and Rs. 20 lakhs has been envisaged for this scheme for the year 1990-91.

**(f) Maintenance Centre at Jowai:**—As there is no proper maintenance Centre at Jowai with adequate infrastructural facilities, it has been proposed to construct a fully equipped maintenance Centre at Jowai. An amount of Rs. 5 lakhs has been envisaged to be spent under this scheme for the year 1990-91.

**(g) Additional facilities and amenities to existing depots, workshops and Stores:**—For Provision of Passenger amenities, like construction of toilets, waiting room, etc., and to meet emergent requirement towards renovation, addition and alteration of existing buildings, a sum of Rs. 8 lakhs has been envisaged to be spent under this scheme during 1990-91.

**(h) Sub-Depots in Civil Sub-Divisional Headquarters:**—This is a new schemes. The operation of our services is greatly affected due to inadequate infrastructural facilities at different Sub-Divisional Depots. It is proposed to construct sub-Depots at Nongpoh Khliehriat, Dadenggiri and other Sub-Divisional Head quarters in a phased manner. A sum of Rs. 10 lakhs has been envisaged to be spent under this cheme for the year 1990-91.

2. **Modernisation of information system**:—In order to improve upon the information system for better management Control, it has been proposed to arrange installation of computer system. A sum of Rs. 2 lakhs has been insert proposed under this scheme for 1990-91.

3. **Acquisition of Fleet**:—A sum of Rs. 70.00 lakhs has been envisaged to be spent under this scheme during the year 1990-91.

4. **Rationalisation of staff**:—An amount of Rs. 30 lakhs has been proposed for rationalisation of staff which would become surplus ineffective due to contraction of the operation of the Meghalaya Transport Corporation.

7.2.4. The programme wise outlays and expenditure in respect of 'Road Transport ( Meghalaya Transport Corporation)' are indicated in Statement—I whereas the physical targets and achievement are indicated in statement— II.



## STATEMENT 1

### Financial Outlay and Expenditure

Head of Development : ROAD TRANSPORT (MEGHALAYA TRANSPORT CORPORATION)

(Rs. in lakhs)

Programme	Seventh Plan Outlay (1985-86)	Actual Expenditure <sup>1</sup>				1989-90		1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9
<b>CONTINUING SCHEMES :—</b>								
1. Land Building ... ..	432.00	30.00	28.60	33.00	65.00	79.00	79.00	76.00
2. Acquisition of Fleet ... ..	633.00	123.00	101.00	164.00	92.00	101.00	101.00	70.00
3. Workshop Facilities ... ..	125.00	7.00	16.00	20.00	40.00	20.00	20.00	...
4. Modernisation of information System	10.00	...	...	...	3.00	7.00	7.00	2.00
<b>NEW SCHEMES</b>								
1. Rationalisation of Staff .. ..	...	...	...	...	...	...	..	30.00
<b>Grand Total :—</b>	1200.00	160.00	145.00	217.00	200.00	207.00	207.00	178.00

## STATEMENT II

### Physical Targets and Achievements

Head of Development : ROAD TRANSPORT (MEGHALAYA TRANSPORT CORPORATION)

Item	Unit	Seventh Plan Target	Achievements				1989-90		Target 1990-91	
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Expenditure		
1	2	3	4	5	6	7	8	9	10	
1. Land and Building ...	...	%	100%	6.94	6.48	7.64	15.05	18.29	18.29	35.51
2. Acquisition of Fleet	--	Nos	211	30	25	40	19	21	21	14
3. Workshop Facilities ...	...	%	100%	5.60	12.80	16.00	32	16	16	...
4. Modernisation of information System.	%	100%	...	...	...	30	70	70	70	20
5. Rationalisation of Staff (Compensation).	%	100%	...	...	..	..	...	...	...	100

### 7. 3. OTHER TRANSPORT SCHEMES

7.3.1 A set of schemes termed as 'Other Transport Schemes' under the Transport sector have been started in 1986-87 and during that year a total amount of Rs.8.25 lakhs was spent for the enforcement machinery, financial assistance to the State Level Truck Parking Complex Revolving Fund (TOHAS) and financial assistance to Scheduled Castes and Scheduled Tribes Transport operators for purchase of chasis/vehicles. During the year 1987-88, a total amount of Rs.3.04 lakhs was spent for financial assistance to SC/ST Transport Operators and enforcement machinery. During the year 1988-89, a total amount of Rs 10.93 lakhs was spent for construction of D. T. O. Office Building at Tura, financial assistance to SC/ST Transport operators, survey cell and financial assistance to Don Bosco Technical School, Shillong for running the Motor Driving School.

7.3.2 **Annual Plan 1989-90**:—An outlay of Rs.20.00 lakhs was approved for 'Other Transport Schemes' in Meghalaya during the current year (1989-90). As against this, the total expenditure is expected to reach Rs.51.23 lakhs. This is because of the fact that an additional amount of Rs.31.23 lakhs was allocated to the 'Other Transport Schemes' sector during 1989-90 from the overall State Plan Savings of the year for the purpose of acquisition of land for the Beljek Air Port at Tura.

7.3.3 **Annual Plan 1990-91**:—The approved outlay for 'Other Transport Schemes' for the year 1990-91 is Rs.96.00 lakhs. The break-up of the outlay of Rs.96.00 lakhs is given below:—

Items	Rs. lakhs
1. Construction of D. T. O. Office Building at Tura.	11.00
2. Strengthening of enforcement machinery ...	7.50
3. Financial assistance to SC/ST Transport operators.	5.00
4. Establishment of Motor Driving School ...	10.00
5. Construction of Weigh-Bridges and Staff Quarters.	11.15
6. Other expenditure ... ..	29.20
7. Direction and Administration ... ..	1.00
8. Construction of staff quarter at Williamnagar	10.00
9. Provision to meet requirement under Section 135 of New Motor Vehicle Act, 1988/Provision for Road side amenities.	11.15
<b>Total</b>	<b>96.00</b>

## CHAPTER--VIII

## SCIENCE, TECHNOLOGY AND ENVIRONMENT

## 8.1. Scientific Research (Including Science and Technology)

8.1.1. The total outlay approved for 7th Five Year Plan for Science and Technology is Rs 150.00 lakhs. But on the basis of annual plan allocations for the 5 years of the plan period the ultimate outlay approved for the State stands at Rs 77.00 lakhs only. The year-wise plan allocations and expenditure are as follows:—

Year	Allocation (Rs. lakhs)	Expenditure (Rs. lakhs)
1985-86	7.00	6.59
1986-87	15.00	5.78
1987-88	15.00	16.70
1988-89	15.00	10.00
1989-90	25.00	24.44 (anti- cipated)
<b>Total</b>	<b>77.00</b>	<b>63.51</b>

The figures given above also indicate that there is a shortfall in expenditure by Rs.13.49 lakhs of the actual approved outlay. Several factors contributed to this deficiency. The most important factors which caused this shortfall are shortage of suitable scientific and technical personnel and lack of infrastructure for taking up programmes for development of science and technology towards creating a scientific and technological base in the state.

8.1.2. At the beginning of the 7th Five Year Plan, a Science and Technology Cell was created under the Planning Department with only one technical personnel. It has been gradually strengthened.

8.1.3. The Schemes/Programmes undertaken during the Seventh Plan period were mostly on popularisation of Science and Technologies and development and introduction of appropriate technologies. As a part of popularisation of science and technologies, 39 Nos. of rural science clubs were set up. These clubs are provided with scientific charts and simple scientific instruments in order to acquaint the rural people with scientific development and create their interest and awareness towards science and technologies.

The Cell has also brought out literatures on various scientific and technological topics like Low cost sanitation, Low cost water filters, Improved chulha, Hayley's Comet etc., and organised demonstrations and trainings on these subjects. Every year National Science Day is celebrated in the State with collaboration with Meghalaya Science Society by organising science quiz, seminar, science Talent Competition, etc.

Major activities taken up during the 7th Plan period under Development and Introduction of Appropriate Technologies Programmes were development of fuel efficient chulha known as Meghalaya Chulha, Low cost water filters, introduction of Low Cost sanitation in the rural areas. Meghalaya chulha has been adopted as one of the model of Improved Chulha in the National Programme on Improved chulhas. The Low cost Water filters developed by the S. and T. Cell has gained popularity among the people. About 2680 Nos. such filters have been distributed among the people through the B. D. O's and voluntary organisations. 570 Nos. of Low Cost sanitation units have been installed in the State. By the end of 1989-90 about 180 more such units will be installed. The cell has also taken up a Rain Water Harvesting Scheme. Under this scheme 18 units of Rain Water Harvesting tanks are being implemented at Sohra Civil subdivisional complex. A project called Student's Project has been introduced in 1989-90. Under this scheme a team comprising a science teacher and a group of science students can take up research oriented projects. About 25 students' projects have already been sponsored. In order to tap the rich power potential of the streams and rivulets, micro-hydel schemes are also being taken up. During 1989-90, development of Efficient Cotton Seed Separator and Fuel Efficient Putharo Chulha are also being taken up. A book on Butterflies of Shillong and its Environs is under print. An Exhibition on Indian scientists was organised in September 1989, in collaboration with Nongkseh Community Science Club.

A 3-Dimensional model of Byrnihat is under preparation. This model would be useful for all the development departments of the State. In September 1989, the S. and T. Cell organised a Regional Workshop on formulation of Eighth Five Year Plan on Science and Technology in collaboration with the department of Science and Technology, Government of India and North Eastern Council, Shillong.

8.1.4. During the Annual plan 1990-91, the existing schemes programmes like Development and Introduction of Appropriate Technologies, Popularisation of Science and Technology, Student's Project etc, will continue. Schemes on setting up of a Remote Sensing Centre and a Mechanical Workshop will begin in 1990-91. The Remote Sensing Centre would be a common facility centre for all the development department of the State and a Mechanical Workshop would be used for design and fabrication of appropriate technologies machineries and equipments. A few specific project will be sponsored to find solution to some problem/bottle-necks existing in various sectors of the State. A proper Library will be established in the Science and Technology Cell.

An outlay of Rs. 32.00 lakhs has been approved by Planning Commission for various Science and Technology activities in the State during 1990-91.

8.1.5. **Centrally Sponsored Schemes** :—National Programme on Improved Chulha under 2<sup>0</sup> points Programme is being implemented in the State by Science and Technology Cell. Implementation is carried out with the help of the voluntary agencies. Meghalaya Chulha developed by the Cell has been adopted as one of the

models of improved chulha in the National programme on Improved Chulha. In the year 84-85 50 Nos. of chulhas were implemented and in the year 1985-86, 400 chulhas were installed. In the year 1986-87, 2,500 Nos. of fixed chulhas were installed and 1000 Nos. of portable chulhas were distributed to the public. In that year Meghalaya got the Third Prize for exceeding the target. In the following year about 3,700 Nos. of chulhas were installed.

By the end of 1989-90, it is anticipated that about 6,884 chulhas will be implemented with a financial involvement of about Rs.9.35 lakhs only.

A target of 1000 Nos. of chulhas with an outlay of Rs.12.00 lakhs is being proposed for the year 1990-91.

The Science and Technology Cell is maintaining separate staff for implementation of the National Programme on Improved Chulha which comprises of one Assistant Research Officer, One Accountant, One L.D.A. and one Field worker.

8.1.6. The programme-wise State Plan expenditure during the 7th plan period and outlay for 1990-91 on Science and Technology programmes given in the Statement-I below.

**B. Outlay and Expenditure**

**STATEMENT—I**

Head of Development

(Rs. lakhs)

Programme	Seventh Plan Outlay (1985-86)	Actual Expenditure				1989-90		1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9
<b>Continuing Schemes—</b>								
1. 3-Dimensional Model ... ..	...	1.00	...	...	...	...	...	...
2. Popularisation of S&T ... ..	...	2.00	2.24	13.75	4.00	4.00	4.20	6.00
3. Research and Development ... ..	...	...	1.23	0.25	2.00	2.00	4.38	3.00
4. S & T Cell/S & T Council ... ..	...	3.59	2.31	2.70	4.00	13.00	10.85	7.00
5. Construction of L.C. Sanitation ... ..	...	...	...	...	...	3.00	0.24	...
6. Construction of Improved Chulhas ... ..	...	...	...	...	...	3.00	4.77	...
<b>New Schemes—</b>								
1. Sponsored Projects ... ..	...	...	...	...	...	...	...	3.00
2. Remote Sensing ... ..	...	...	...	...	...	...	...	5.00
3. Library and Documentation ... ..	...	...	...	...	...	...	...	1.00
4. Construction of Mechanical Workshop ... ..	...	...	...	...	...	...	...	7.00
<b>Total:</b> ...	150.00	6.59	5.78	16.78	10.00	25.00	24.44	32.00

## 8.2. ECOLOGY AND ENVIRONMENT

8.2.1 Large scale deforestation, uncontrolled mining operation, unplanned urbanisation and various other factors have caused rapid environmental degradation which calls for taking appropriate measures to arrest the situation before it takes a serious turn. Different agencies of the State Government have initiated various action to control the situation and to preserve and protect the ecology and environment. The State Pollution Control Board under the Public Health Engineering Department have taken steps for control of water, air and industrial pollution. The Forests Department have taken various measures for control of the indiscriminate felling of trees destruction of the habitats of the Wild Animals and their killing. The Department of Mining and Minerals is working towards restriction of uncontrolled mining of Coal and other minerals to stop large scale pollution of the environment. An Environment Planning Cell has been created under the Director of Urban Development to study the problems of Environmental degradation in details and to find out appropriate remedial measures to stop further deterioration of environment. This Cell has already undertaken a few such studies some of which are completed and some are in progress. Besides this, the Cell has implemented a few schemes for imparting environmental education to the common masses and to create an awareness among the people for taking care for protection and preservation of the ecology and environment of the State.

8.2.2. The fund required for implementation of programmes for protection and preservation of environment by the different Development sectors have been met from their sectoral plan allocation during the 7th Plan period. An outlay of Rs.20.00 lakhs was approved for 7th Five Year Plan to enable the Environmental Planning Cell under the Urban Development Department to carry out their activities during the plan period. The year-wise plan allocations for the Cell and the expenditure are as given below:—

Year	Annual plan allocation (Rs. lakhs)	Expenditure (Rs. lakhs)
1985-86	3.00	0.42
1986-87	3.00	1.70
1987-88	5.00	4.98
1988-89	5.00	5.00
1989-90	7.00	7.00 (Anticipated)
<b>Total:—</b>	<b>23.00</b>	<b>19.10</b>



The outlay approved for this Cell for 1990-91 is Rs.8.00 lakhs. During the year the schemes undertaken by the Cell during the 7th Plan period will be continued. Attempts will be made to complete the studies which are now in progress. More studies are proposed to be taken up to identify the areas where action needs to be taken for protection and preservation of ecology and environment of the State. The coverage under the environmental education programme will be expanded to larger areas.

## CHAPTER—IX: GENERAL ECONOMIC SERVICES

**9.1. Secretariat Economic Services-Planning Organisation :**

9.1.1. An amount of Rs.30 lakh; was provided for the Planning Organisation (including Evaluation Unit) for the Seventh Plan Period. The expenditure for the first four years of the plan period is Rs.28.79 lakhs. An amount of Rs.15 lakhs has been provided for the year 1989-90, and this is expected to be fully utilised. The approved outlay for the year 1990-91 is Rs.17.00 lakhs.

9.1.2 The Planning machinery at the State level has the following functional units at present:—

- (1) Plan formulation and co-ordination unit.
- (2) Monitoring and progress reporting unit.
- (3) Manpower unit.
- (4) District and Regional Planning unit.
- (5) Planning Board unit.

In addition to these units, an Evaluation unit is functioning in the Directorate of Economics, Statistics and Evaluation under the administrative control of Planning Department.

**9.1.3. Programme Implementation Department:**

Programme Implementation Department was created in the Secretariat in 1986 with a view to monitoring various plan schemes and programmes. The Programme Implementation Department has also been made the nodal department for setting up of the NICNET centre and for computerisation in the State Government.

This will help creation of uniform State wise data base as well as direct communication between the State and District Headquarters through satellite. The department also undertook monitoring of 20-Point Programme during the year.

9.1.4. The Planning Organisation has been bringing out various plan documents regularly. The District Planning Organisations are also being enlarged. The District Planning and Development Council are functioning in all the districts and district level plans are being drawn up by these Councils for consideration at the State level.

## 9. 2. TOURISM

9.2.1. During the Seventh Five Year Plan (1985-90) an outlay of Rs. 350 lakhs was approved for the Tourism Sector in Meghalaya. Up to the end of the fourth year of the plan, i. e. upto 31st March, 1989 a total amount of Rs 218.42 lakhs was utilised. The approved outlay of Rs. 90.00 lakhs for 1989-90 which is the last year of the Seventh Plan will be utilised in full. For the year 1990-91 an outlay of Rs. 150.00 lakhs has been approved.

9.2.2. During the Seventh Plan (1985-90), the works taken up for development of tourism in Meghalaya are, like, the construction of Watersports Complex at Umiam, the Hotel Unit at Umiam, the Orchid Lodge at Tura, the floating Deck at Umiam, the Rest House-cum-Restaurant at Cherrapunjee the Drive in restaurant at Nongpoh and the Crowborough Hotel at Shillong. The Fast Food Restaurant at Police Bazar has also been started recently. Minimum fleet of vehicles are also maintained for providing transport services for the convenience of tourists. Keeping in view the growing number of tourists coming to Meghalaya, the construction of Yatri Niwas, one at Shillong and another at Tura have become necessary. Preliminary work for the Yatri Niwas are being initiated. It is also proposed to construct wayside amenities in places like Khliehriat and Anogiri. It is also expected that in the near future, one telescope will be provided at Shillong view point and another one at Mawmal view point for attracting tourist and visitors. The State Government will also continue sponsoring tourist festivals campaigns etc., as has been done in the recent past.

9.2.3 The Tourism Department of Meghalaya is acting as a catalyst in the field of the Tourism industry and once tourism has taken the shape of a growing industry, the private investors are expected to come up in a big way. The M.F.D.C. is the Government's agency for promoting tourism in the State and since it has a major role to play, it is essential to provide the same with sufficient financial assistance with a view to ensuring stable functioning.

9.2.4. **Annual Plan 1990-91**—The tourism sector in Meghalaya has just started awakening from its slumbering state and as such much still remains to be done by way of providing more tourism infrastructure, diversification of tourism, etc. With this end in view, an outlay of Rs. 150.00 lakhs has been approved for tourism sector for the Annual Plan 1990-91.

9.2.5. The schematic financial outlays and expenditure in respect of tourism sector are indicated in Statement I, while the physical targets and achievement are indicated in Statement II:

**STATEMENT-I**

**SCHEMATIC OUTLAY AND EXPENDITURE**

Head of Development:—TOURISM

(Rs. in lakhs)

Programme	Seventh Plan Outlay 1985-90	Actual expenditure				1989-90		1990-91 Approved Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
<b>1. DIRECTION AND ADMINISTRATION ...</b>	<b>65.00</b>	<b>1.50</b>	<b>3.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
<b>2. TRAINING</b>								
(i) Training facilities ... ..	10.00	0.25	...	0.50	...	0.25	0.25	1.00
(ii) Hospitality Schemes ... ..	4.00	0.17	...	...	...	0.50	0.50	1.00
(iii) Travel Management Institute ..	...	..	...	...	...	...	...	1.00 (New Scheme)
<b>PROMOTION AND PUBLICITY</b>								
(i) Publicity/Tourist Festival ... ..	10.00	1.50	1.50	3.00	0.50	2.00	2.00	6.00
(ii) Printing of Publicity materials	10.00	3.50	3.50	5.00	4.00	5.00	5.00	6.00
<b>3. TOURIST INFRASTRUCTURE</b>								
Tourist Transport Services ... ..	26.00	4.00	...	2.00	..	5.00	5.00	12.00

	1	2	3	4	5	6	7	8	9
<b>4. TOURIST ACCOMMODATION</b>									
(i) Improvement of Pinewood Hotel Ashok	35·00	7·25	4·00	4·00	...	5·00	5·00	13·00	
(ii) Construction of Tourist Bungalow at Tura.	6·00	1·50	3·00	2·50	...	2·00	2·00	...	
(iii) Construction/completion of Tourist Bungalow at Shillong (Upgradation).	15·00	5·00	..	..	...	...	...	5·00	
(iv) Acquisition of land and building at Crowborough and construction of Tourist Complex at Police Bazar.	15·00	4·00	10·00	15·00	55·00	10·00	10·00	15·00	
(v) Construction of Tourist Bungalow at Khanapara.	5·00	..	...	...	...	..	..	...	
(vi) Construction of Restaurant with accommodation at Cherrapunjee.	15·00	...	1·00	2·00	1·00	2·00	2·00	10·00	
(vii) Construction of Hotel at Jowai/Upgradation of hotel at Jowai (Thadlaskein).	20·00	...	...	2·00	...	1·00	1·00	2·00	
(viii) Construction of Tourist Bungalow at Garampani, Jaintia Hills.	5·00	...	...	...	..	...	...	...	
(ix) Construction of Hotel at Tura	20·00	...	...	...	...	..	...	..	
(x) Construction of Tourist Bungalow with modern facilities at Balpakram, Garo Hills.	6·00	...	...	...	...	...	...	...	

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5. CREATION OF FACILITIES/AMENITIES AT PLACES OF TOURIST INTEREST :

(i) (a) Construction of five cottages/Tourist Complex at Umiam.	35.00	8.00	10.00	14.50	5.00	30.00	30.00	12.00
(b) Development of Water sports at Umiam lake.	...	...	...	...	...	...	...	26.00
(ii) Construction of Rest House at Nongpoh ...	4.00	0.75	1.00	1.00	1.00	5.00	5.00	...
(iii) Travel circuit/Upgradation of Shillong Golf Course.	3.00	...	...	...	..	1.00	1.00	5.00
(iv) Wild Life Tourism ... ..	20.00	...	...	...	...	1.00	1.00	2.00 (New Scheme)
(v) Construction of Rest House at Nartiang	20.00	...	...	...	...	...	...	..
(vi) Construction of Rest House with Toilet facilities at Bajengdoba.	2.00	...	...	...	...	...	...	...
(vii) Construction of Rest House at Baghmara	2.00	..	...	...	...	...	...	...
(viii) Development of Tourist Spots ... ..	...	..	3.00	5.00	2.00	3.00	3.00	3.00
(ix) Construction of Yatri Niwas at Tura ...	...	...	...	...	...	5.25	5.00	12.00

	1	2	3	4	5	6	7	8	9
(x) Construction of wayside amenities at Khliehriat.	...	...	...	...	...	...	...	...	1.00 (New Scheme)
(xi) Construction of wayside amenities at Anogiri.	...	...	...	...	...	...	...	...	1.00 (New Scheme)
6. Share Capital Contribution to M. T. D. C. ...	15.00	1.50	5.00	...	..	10.00	10.00	10.00	
7. Construction of Yatri Niwas at Shillong ...	...	...	...	..	...	...	...	...	3.00 (New Scheme)
8. Construction of Recreation Complex- <i>eum</i> -amenities Park at Umiam.	...	..	...	...	...	...	...	...	3.00 (New Scheme)
9. Development of Mawsynram Cave ..	...	...	..	...	...	...	...	...	...
Development of Mawsmal Cave ..	...	...	...	..	...	...	...	...	..
<b>10. CAPITAL OUTLAY ON TOURISM:</b>									
(i) Construction of Directorate of Tourism's Office building.	...	...	...	7.00	...	...	...	...	...
(ii) OTHER EXPENDITURE ...	...	...	...	0.50	...	1.00	1.00	...	...
(iii) Construction of Mali's and Chowkidar's quarter at Ward's lake, Shillong.	...	..	...	...	...	...	...	...	2.00
<b>Grand Total</b>	<b>350.00</b>	<b>38.92</b>	<b>45.00</b>	<b>65.00</b>	<b>69.50</b>	<b>90.00</b>	<b>90.00</b>	<b>150.00</b>	

## STATEMENT II

### PHYSICAL TARGETS AND ACHIEVEMENTS

Head of Development—TOURISM

Items	Unit	Seventh Plan Target	Achievement				1989-90		Target 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated expenditure	
1	2	3	4	5	6	7	8	9	10
1. Construction of Tourist Bungalow at Tura (Orchid Inn).	1		25%	25%	50%	Nil	Nil	Nil	
2. Construction/Completion/Upgradation of Tourist Bungalow (Orchid Hotel) at Shillong.	1		33.3%	Nil	Nil	Nil	Nil	Nil	
3. Acquisition of land/building at Crowborough and construction of Tourist Complex at Police Bazar, Shillong.	1		26.6%	66.6%	66.6%	66.6%	66.6%	66.6%	
4. Construction of Tourist Bungalow at Khanapara.	1		Nil	Nil	Nil	Nil	Nil	Nil	
5. Construction of Restaurant-cum-Guest House at Cherrapunjee.	1		Nil	Nil	20%	6.6%	13.3%	13.3%	



1	2	3	4	5	6	7	8	9	10
6. Construction of Tourist Hotel/Upgradation of Hotel at Thadlaskein.	1		Nil	Nil	10%	Nil	5%	5%	
7. Construction of Tourist Bungalow at Garampani (Jaintia Hills).	1		Nil	Nil	Nil	Nil	Nil	Nil	
8. Construction of Hotel at Tura	$\frac{1}{2}$		Nil	Nil	Nil	Nil	Nil	Nil	
9. Construction of Tourist Bungalow with modern facilities at Balpakram (Garo Hills).	$\frac{1}{2}$		Nil	Nil	Nil	Nil	Nil	Nil	
10. Construction of Five cottages Tourist Complex at Umiam Lake.	1		22.8%	28.6%	41.4%	14.3%	48.5%	48.5%	
11. Development of Water Sports	1		Nil	Nil	Nil	Nil	100%	100%	
12. Construction of Rest House at Nongpoh	1		Nil	Nil	69%	25%	100%	100%	
13. Construction of Rest House at Nartiang	—		Nil	Nil	Nil	Nil	Nil	Nil	
14. Construction of Rest House at Bajengdoba	...		Nil	Nil	Nil	Nil	Nil	Nil	
15. Construction of Rest House at Bagmara	—		Nil	Nil	Nil	Nil	Nil	Nil	

### 9.3. ECONOMIC ADVICE AND STATISTICS

9.3.1. As against the approved outlay of Rs. 35 lakhs for this sector during the Seventh Plan, the anticipated expenditure is Rs. 18.77 lakhs.

9.3.2. The activities during the Seventh Plan period were aimed at strengthening the Organisation for improvement of Agricultural Statistics, State Income estimates, Price Statistics and Housing Statistics, etc. and for making limited provision of staff quarters in some of the district offices. Accordingly, the crop cutting machinery of the Directorate, has been sufficiently strengthened by creating some new posts. This has enabled the Directorate to considerably increase the sample size of crop estimation surveys and to take up two new crops viz., Ginger and Jhum Paddy under the crop cutting scheme. A small statistical cell has also been created for improvement of housing and house building statistics. The existing large lag in the preparation of State Domestic product estimates, has been considerably made up. Construction of one Grade III and one Grade IV quarters in the district offices at Tura, Williamnagar and Nongstoin is also likely to be started.

#### **Programme for 1990-91 :**

9.3.3. During 1990-91, the programme of development proposed is to strengthen the statistical agency in two blocks on a pilot basis for improvement of crop area statistics in particular and other village and block level statistics in general. Efforts will also be made to initiate preparation of estimates of capital formation and Regional indicators/District Income estimates. It has also been proposed to take up a scheme for pooling of the central and the State Sample results of N.S.S. Provision has also been made in the next year's plan to switch over to computerisation of data processing, for continuation of the district level posts created under the Crop Insurance Scheme and for completion of two staff quarters each in the district offices at Tura, Williamnagar and Nongstoin.

9.3.4. For these work programmes, a provision of Rs. 12.00 lakhs has been earmarked in the plan budget for 1990-91 under "Economic Advice and Statistics".

9.3.5. Schematic details have been shown in the following two statements.

**STATEMENT I**  
**Annual Plan 1990-91**  
**Outlay And Expenditure**

Head of Development :—Economic Advice and Statistics.

(Rs. in lakhs)

Programme	Seventh Plan Outlay 1985-90	Actual Expenditure				1989-90		1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipa- ted expen- diture	
1	2	3	4	5	6	7	8	9
1. Strengthening of State Statistical Organisation,	5.00	2.03	0.63	0.30	2.23	2.40	2.24	1.10
2. Economic Census ... ..	1.00	0.08	0.18	...	..	...	...	...
3. (a) Agricultural Statistics ... ..	0.90	0.15	0.02	...	0.24	1.00	0.10	1.00
(b) Crop Insurance Scheme ... ..	...	...	...	0.88	2.04	3.00	2.00	3.00
4. Strengthening of Price Section ... ..	2.50	0.34	0.12	..	...	0.30	0.04	...
5. National Sample Survey ... ..	4.00	0.72	0.03	0.07	0.05	0.30	0.02	0.40
6. Establishment of Statistical Offices at Sub-divisional levels.	3.00	...	...	...	...	..	..	...
7. Construction of Building and Staff quarters.	5.10	...	..	1.00	...	4.00	...	4.00
8. Strengthening of National Income Division.	1.50	0.22	0.01	...	...	0.50	0.05	...
9. Establishment of Modern data Processing Facilities.	7.00	0.24	0.04	0.02	0.02	2.50	...	2.50
10. Publication and Reference Division ... ..	2.50	0.08	1.51	...	0.15	0.30	0.16	...
11. Collection of Housing Statistics ... ..	2.50	0.39	0.03	...	0.03	0.70	0.31	...
<b>Total ... ..</b>	<b>35.00</b>	<b>4.25</b>	<b>2.57</b>	<b>2.27</b>	<b>4.76</b>	<b>15.00</b>	<b>4.92</b>	<b>12.00</b>

\* The Scheme under execution of P. W. D. (R. and B.)

## PHYSICAL STATEMENT

Head of Development:—Economic Advice and Statistics

Item	Unit	Seventh Plan Target	Achievements				1989-90		
			1985-86	1986-87	1987-88	1988-89	Target	Anticipa- ted Achieve-	Target 1990-91
			4	5	6	7	8	9	10
1. State Statistical Organias- tion.									
(a) Creation of Posts ...	Nos.	22	..	1	...	...	42	...	4
(b) Establishment of Training Unit.	"	1	...	...	...	...	...	...	...
2. Agriculture Statistics ...	"	...	...	...	...	...	...	...	...
(a) Creation of Posts ...	"	3	...	...	42	...	..	...	8
3. Strengthening of Price Section.	"	..	...	...	...	..	..	...	...
(a) Creation of Posts ...	"	4	...	...	...	...	1	1	...
(b) Increase in the no. of price collection centre	"	20	...	...	...	...	15	15	...
4. National Sample Survey	"	...	...	...	...	...	...	...	...
(a) Creation of posts ...	"	3	...	...	...	...	...	...	2
5. Establishment of Sub-di- visional Offices.	"	9	...	...	...	...	...	...	...
6. Strengthening of National Income.	"	...	...	...	...	...	...	...	...
(a) Creation of Posts ...	"	5	..	...	...	3	6	...	...
7. Establishment of Modern Data Processing Unit.									
(a) E. D. P. Installation	"	1	...	...	..	...	1	1	1
(b) Creation of posts ...	"	8	...	...	...	...	...	...	5
8. Publication and Reference Division.									
(a) Creation of posts ...	"	3	...	...	...	..	...	...	...
9. Housing Statistics ...									
(a) Creation of posts ...	"	5	...	...	...	5	...	...	...

\* Under Crop Insurance Scheme.

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## 9.4 CIVIL SUPPLIES

9.4.1. The approved outlay for Civil Supplies Programme for the Seventh Plan Period is Rs 40.00 lakhs, and the anticipated expenditure is Rs.73.29 lakhs. The provision for 1989-90 is Rs.23.00 lakhs and the anticipated expenditure for the year is Rs.21.43 lakhs. An amount of Rs.8.00 lakhs has been approved for this sector for 1990-91.

9.4.2. A brief note on the Civil Supplies schemes are given below:—

9.4.3. **Direction and Administration:**—The purpose of the Scheme is to strengthen the Department of Supply at all levels of administration. During the year 1989-90 an amount of Rs.9.80 lakhs has been provided. 33 (thirty three) posts were sanctioned earlier and the whole amount of Rs.9.80 lakhs will be spent for these posts. These posts are to be normalised from the next year 1990-91.

9.4.4. **Vehicles:**—During the period from 1985-86 to 1988-89 of the 7th Plan, seven (7) vehicles have been purchased for smooth distribution of essential Commodities to the consumers in the State.

9.4.5. **Training** During the period from 1987-88 to 1989-90, Rs.0.70 lakhs is to be spent under the 7th Plan. 3 (three) Training was achieved during this 7th Plan period. An amount of Rs 0.30 lakhs is proposed to be spent for the next financial year 1990-91.

9.4.6. **Central Oil Depot:**—During the year 1988-89, one plot of land was purchased for the installation of the Central Oil Depot at Barapani. The land was handed over to the oil company for installation of the Central Oil Depot.

9.4.7. **Mobile Vans:**—During the year 1987-88, two mobile vans have been purchased under the scheme and pressed into service, one in East Khasi Hills District, Shillong and another one in West Garo Hills, District, Tura for supply and distribution of essential Commodities in the remote areas of the State to ensure that the needy people get essential commodities at a reasonable price. 5 (five) more vans are being purchased in this financial year 1989-90 for the remaining Districts and subdivisions. An amount of Rs.5.20 lakhs was provided for the next financial year 1990-91.

9.4.8. **Consumer Protection:**—An amount of Rs.1.00 lakh was provided during this financial year (1989-90) and the whole amount will be spent as follows:—

- (i) Rs.0.50 lakhs for assistance to Voluntary Organisations duly registered for undertaking consumer activities. The whole amount will be spent.
- (ii) Rs.0.50 lakhs for holding the Seminar, to educate the consumers through advertisement, issue of pamphlets, equipments, etc. The whole amount will be spent.

An outlay of Rs.2.50 lakhs is provided for the next financial year (1990-91) for consumers' protection programme.

**9.4.9. Setting up of redressal agencies under consumer protection act 1986** :—An amount of Rs.2.00 lakhs was provided during this financial year (1989-90) for the purpose of the following agencies —

- (1) State Consumer Protection Council.
- (2) State Commission.
- (3) District Forum.

9.4.10. Besides State Plan Schemes an amount of Rs.7.50 lakhs was provided under centrally sponsored scheme during 1989-90 for purchase of mobile vans under the Public Distribution system on the basis of 75 per cent loan and 25 per cent subsidy.

9.4.11. The Schematic outlays and expenditure in respect of "Civil Supplies" sector are indicated in Statement-I:—

**STATEMENT I**  
**Schematic Outlay and Expenditure**

Head of Development : CIVIL SUPPLIES

(Rs. lakhs)

Programme	Seventh Plan Outlay	Actual Expenditure				1989-90		1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9
<b>CIVIL SUPPLIES SCHEME</b>								
1. (a) Direction and Administration.		0.79	2.69	5.98	8.42	9.80	16.03	...
(b) Vehicles. ....		0.98	3.31	...	...	...	...	...
2. Transport Subsidy for Specially Backward Areas.		1.30	1.85	...	...	...	...	...
3. Assistance to MECOFED ...		5.00	...	...	...	...	...	...
4. Construction of Staff Quarters ...		...	3.00	3.00	...	...	...	...
<b>NEW SCHEMES</b>								
1. Training under P. D. S. ...		...	...	0.20	0.30	0.20	0.20	0.30
2. Setting up of Central Oil Depot		...	...	...	7.00	...	...	...
3. Mobile Vans. ....		...	...	5.23	...	...	10.00	5.20
4. CONSUMER PROTECTION	40.00	...	...	...	...	...	...	...
A. (i) Financial Assistance to Voluntary Organisation		...	...	1.00	0.50	1.00	1.00	2.50
(ii) To Educate the consumers		...	...	...	...	...	...	...
(iii) Seminar ...		...	...	...	...	...	...	...
B. Setting up of redressal Agencies under Consumer Protection Act, 1986.		...	...	...	...	...	...	...
(i) State Consumer Protection Council		...	...	...	1.31	2.00	0.20	...
(ii) State Commission		...	...	...	...	...	...	...
(iii) District Forum		...	...	...	...	...	...	...
5. Construction of godowns ...		..	..	...	...	10.00	...	...
<b>TOTAL :—</b>	<b>40.00</b>	<b>8.07</b>	<b>10.85</b>	<b>15.41</b>	<b>17.53</b>	<b>23.00</b>	<b>21.43</b>	<b>8.00</b>

*N.B.* The amount of Rs.10 lakhs for construction of godowns during the 1989-90 has been diverted to the scheme for purchase of Mobile Vans due to inability to construct the godowns during the year.

**9.5 AID TO THE DISTRICT COUNCILS**

9.5.1 The Plan outlay under this sector is released to the District Council for taking up their own developmental schemes and for construction of Council's buildings. The Seventh Plan approved outlay of Rs. 300 lakhs is expected to be utilised in full.

9.5.2 During 1990-91 Annual Plan, an amount of Rs.150.00 lakhs has been earmarked for continuation of the programme "Assistance to the District Councils"

9.5.3 The schematic outlays and expenditures is shown in Statement—I.



**STATEMENT I**  
**OUTLAY AND EXPENDITURE**

Head of Development:—AID TO DISTRICT COUNCILS

(Rs. in lakh)

Programme	Council	7th Plan Outlay	Actual Expenditure					Proposed Outlay 1990-91	
			1985-86	1986-87	1987-88	1988-89	1989-90		
1	2	3	4	5	6	7	8	9	
(1) Assistance to District Council for financing Own Plan Scheme.	Khasi Hills District Council	300.00	18.00	20.25	22.50	22.50	24.50	49.50	
	Garohills District Council		16.00	18.00	20.00	(not drawn) 20.00	21.50	44.00	
	Jaintia Hills District Council		6.00	6.75	7.50	7.50	8.00	16.50	
(2) Assistance to District Council for Construction of their Building.	Khasi Hills District Council		4.50	4.50	4.50	6.75	7.00	18.00	
	Garohills District Council		4.00	4.00	4.00	6.00	6.50	16.00	
	Jaintia Hills District Council		1.50	1.50	1.50	2.25	2.50	6.00	
<b>TOTAL</b>			<b>300.00</b>	<b>50.00</b>	<b>55.00</b>	<b>60.00</b>	<b>65.00</b>	<b>70.00</b>	<b>150.00</b>

## CHAPTER X

### SOCIAL SERVICES INCLUDING EDUCATION ETC.

#### 10.1. General Education

10.1.1. The Planning Commission originally approved for 7th Five Year Plan on outlay of Rs.2815.00 lakhs for General Education. The Annual Plan allocation and expenditure are as follows.—

Year	Annual Plan allocation (Rs. lakhs)	Expenditure (Rs. lakhs)
1985-86	295.00	293.20
1986-87	374.10	347.10
1987-88	768.00	713.52
1988-89	1033.50	924.95
1989-90	1122.00	1279.00 (Anticipated).
	-----	-----
	Total:—3592.50	3557.77

It is seen from the above figures that ultimately approved outlay on the basis of the Annual Plan allocations went up to Rs.3592.50 which is 27.62 per cent (approx) above the original outlay. During 1989-90 a large amount of plan fund had to be utilised for payment of both arrear and current pay of the School Teachers from Primary level to High School levels as a result of implementation of the revised scale of pay and implementation of U. G. C. scale of pay for the College Teachers. Because of this reason the anticipated expenditure during the year is more than the approved outlay.

10.1.2. A Brief resume of the activities on the Plan Programmes/ Schemes during the Seventh Plan period.

In a bid to achieve the goal of Universalisation of Elementary Education, the target for additional enrolment of 0.70 lakh Children in Primary and Middle Schools have been achieved both through formal Schools and non-formal/part-time education. To provide improved facilities, 535 additional post of Teachers have been provided in Primary Schools. Similarly, assistance have been rendered to 186 venture Middle Schools under *ad hoc* grant-in-aid and 77 Middle Schools have been included under deficit system of grant-in-aid. About 1,600 Nos. Primary School Buildings have been constructed during the 7th Plan period out of the funds made available to the State under 8th and 9th Finance Commission Awards, by N. E. C. and also from State Plan funds provided under the programme of Operation Black Board.

10.1.3. **Important policy decisions.**—The following policy decisions were taken by the State Government during 1989-90 for improvement of educational administration and quality of education.

1. To introduce Integrated District Educational Administration system to ensure decentralisation for proper and successful implementation of various educational programmes and to enforce effective inspection, supervision and control of the educational institutions particularly at the primary and upper primary levels and to provide one officer of the rank of Deputy Inspector of Schools at all the Subdivisions.

2. To take-over + 2 a Pre-University Courses from the University and model it as Higher Secondary Course under the Meghalaya Board of School Education.

3. To initiate action for vocationalisation of education on selective basis.

10.1.4 A brief note on the programmes for 1990-91.

The Plans and programmes have been formulated keeping in view the objectives spelled out in the State White Paper on Education. A brief note on different programmes are given below:—

(a) **Elementary Education:**—The main thrust will be for enrolment of additional children to ensure Universalisation of Elementary Education in 6-14 years age-group with equal emphasis for retention of children by improving the facilities of the Primary/Middle Schools and providing assistance to children to contain high rate of drop-out. The non-formal/part-time education centres will be strengthened to cover out of schools students.

(b) **Secondary Education:**—The educational facilities at the High Schools will be improved and expanded to meet the growing number of students due to expansion of Elementary Education. The 10+2 or Pre-University Course will be taken over from the University to constitute Higher Secondary Course under the existing Meghalaya Board of School Education. The scheme for vocational education will also be initiated in diversified courses in emerging fields having scope for employment and Self employment.

(c) **Higher Education:**—The existing Degree Colleges will be given assistance to switch over to the 3 years Degree Course as designed by N.E.H.U. It is proposed to set up a Government Degree College at Shillong with more emphasis on introduction of specialised courses in Science streams by utilising the available facilities for the benefit of the children of both urban and rural areas.

(d) **Adult Education:**—The National Literacy Mission Scheme will be revitalised to achieve total eradication of illiteracy by setting up 2000 Adult Education Centres for targeted enrolment for 52000 illiterates. To sustain literacy, more 'Jana Sikha Nilayam' will be set up to serve as peoples centres.

10.1.5. The total outlay approved for 1990-91 for implementation of educational programmes/schemes is Rs.1485.00 lakhs. Out of this Rs.455.00 lakh has been earmarked for Elementary Education and Rs.40.00 lakh for Adult Education programme against the anticipated expenditure of Rs.800.00 lakhs and Rs.35.00 lakhs respectively during 1989-90. The target for additional enrolment of children in the Elementary level of education for 1990-91 is fixed at 0.27 lakh against the anticipated achievement of 0.23 lakhs in 1989-90. Under Adult Education programme the anticipated achievement of enrolment during 1989-90 is 0.37 lakh and the target for 1990-91 is 0.52 lakh illiterate adults.

The programme-wise expenditure during the 7th Plan period and the proposed outlay for 1990-91 are given in the Statement—I and the physical achievements and targets in the Statement—II below.

## STATEMENT I

## Outlay and Expenditure

## Head of Development—General Education

(Rs. in lakh)									
Programme	7th Plan Outlay/ 1985-86.	Actual Expenditure			1988-89	1989-90		1990-91 Outlay	
		1985-86	1986-87	1987-88		Approved Outlay	Anticipated		
1	2	3	4	5	6	7	8	9	
<b>A. General Education.—</b>									
1. Elementary ... ..	1804.00	171.90	200.00	485.10	594.47	800.00	800.00	455.00	
2. Secondary ... ..	621.00	84.50	97.00	156.42	221.72	206.00	206.00	915.00	
3. University ... ..	200.00	22.60	28.60	40.00	64.26	65.00	65.00	50.00	
4. Adult... ..	80.00	10.00	12.00	20.00	28.00	35.00	35.00	40.00	
5. Language ... ..	35.00	...	3.00	3.00	4.50	4.00	4.00	5.00	
6. General ... ..	75.00	4.20	6.40	9.00	12.00	12.00	12.00	20.00	
<b>GRAND TOTAL</b> ... ..	<b>2815.00</b>	<b>293.20</b>	<b>347.00</b>	<b>713.52</b>	<b>924.95</b>	<b>1122.00</b>	<b>1122.00</b>	<b>1485.00</b>	

Item	Unit	Seventh Plan 1985-90 Target	Achievement				1989-90		Target 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated expenditure	
1	2	3	4	5	6	7	8	9	10
<b>Elementary Education—</b>									
(i) Classes I—V (age-group 6—10) Primary—A-III	000	140	108	114	116	122	132	132	138
(a) Total enrolment									
Boys	000								
Girls	000	114	102	104	112	118	123	123	133
Total	000	254	210	218	228	240	255	255	271
(b) Enrolment of S. C									
Boys									
Girls									
Total	Nos	2100	1900	1950	2000	2000	2000	2000	2000
(c) Enrolment of Scheduled Tribe	000								
Boys		95	97	100	107	110	118	118	124
Girls		80	85	90	103	108	115	115	120
Total		175	182	190	210	218	233	233	244

## (ii) Classes (VI-VIII) age group

(11-13)—

Middle IV-VI—

Enrolment—

Boys	...	..	000	46	33	35	38	35	37	37	41
Girls	...	...	...	37	31	33	35	31	33	33	34
Total	...	...	...	83	64	68	73	66	70	70	75

## Enrolment of Scheduled Caste—

Boys ... .. Nos

Girls ... ..

Total	...	...	...	550	475	500	525	550	570	570	600
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## Enrolment of Scheduled Tribe—

Boys

Girls

Total	...	000	...	66	55	58	61	64	69	69	69
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## Secondary Education High School—

VII-X—

Enrolment—

Boys ... .. 30 24 26 28 25 27 27 30

Girls ... .. 21 15 16 17 20 23 23 24

Total ... .. 51 39 42 45 45 50 50 54

Enrolment in Non formal (part time  
continuation/classes)—

Age-group 6-10 .. Nos 6000 7700 8756 9386 11912 11500 11500 11500

Age -group 11-13 ... „ 3000 5073 4174 3582 4233 4500 4500 5000

Total

1	2	3	4	5	6	7	8	9	10
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Adult Education—

1. Number of participants (Age-group 15—35)	...	...	000	190	31	32	34	36	37	37	42
(a) Central Programme	...	...	„	5,400	1,000	1,100	1,100	1,100	900	900	1 000
(b) State Programme	...	...	„	1,600	200	200	250	350	600	600	700
(c) Voluntary Agencies	...	...	„	...	...	...	...	...	...	...	...

Teachers—

I. Primary Class I—V	...	...	„	...	6,600	6,700	6,780	6,871	7,135	7,16	7,736
II. Middle Classes VI—VIII	..	..	„	...	3,010	3,020	3,050	3,075	3,160	3,160	3,360
III. Secondary Classes IX—X	...	..	„	...	2,380	2,410	2,550	3,131	3,190	3,261	3,400
IV. Higher Secondary Classes XI—XII	..	..	„	...	...	...	...	...	...	...	...



## 10.2 TECHNICAL EDUCATION

10.2.1 The Planning Commission originally approved an outlay of Rs.112.00 lakhs for Technical Education under the 7th Five Year Plan. The annual Plan allocations and expenditure during the plan period are as follows :—

Year	Annual Plan allocation (Rs. lakhs)	Expenditure (Rs. lakhs)
1985-86	20.00	18.90
1986-87	23.50	23.50
1987-88	25.00	21.60
1988-89	30.00	26.19
1989-90	39.00	39.00 (Anticipated)
Total	137.50	129.19

The above figures show that the ultimate 7th Plan Outlay was more than originally approved outlays. The anticipated expenditure is however less than the approved outlay.

10.2.2. During the 7th Plan period main thrust was given in consolidation of the Shillong Polytechnic, which is the only Diploma level technical institution in the State. The institution needs staff quarters, students hostels both for boys and girls and improvement of Laboratories and Workshops. During the Plan period stress was given in providing these facilities. Though there is need for expansion of facilities of technical education at diploma level, to meet the growing needs of emerging fields, no new courses of engineering could be introduced in the Polytechnic. For improving the quality, emphasis was given in training of teachers.

10.2.3. The State do not have any technical institution at degree level. In order to meet the needs of graduate Engineers of the State Students from the State are sent to others degree Colleges outside the State for which Government of India provide reserved seats.

10.2.4 The outlay approved for 1990-91 is Rs.20.00 lakhs only. During the year it is proposed to set up a Technical Education Cell in the Directorate of Education and to expand the facilities in the Polytechnic by introducing new courses. Efforts will be made to complete the construction of the on going instructional building and the hostel buildings.

### 10.3 Arts and Culture

10.3.1 The original outlay approved by the Planning Commission for 7th Five year Plan for Arts and Culture was Rs. 100.00 lakhs only and as against this the total outlay on the basis of annual plan allocation stands at Rs. 224.65 lakhs. The yearwise approved outlay and expenditure are as follows:—

Year	Allocation (Rs. lakhs)	Expenditure (Rs. lakhs)
1985—86	15.00	14.50
1986—87	17.65	16.85
1987—88	25.00	25.00
1988—89	80.00	67.71
1989—90	87.80	87.00 (Anticipated)
Total:	224.65	212.06

The above figures show that ultimate plan allocation for Arts and Culture went up by more than 100 per cent of the original allocation. However there is a shortfall in expenditure by Rs. 12.59 lakhs which may be attributed to the fact that in the initial period of the 7th Five Year Plan, the administrative infrastructure was not adequate to make exclusive endeavour to explore the resources of Arts and Culture and to develop those in a systematic and scientific manner. In the later part of the 7th Plan period a separate department of Arts and Culture with its Directorate has been created keeping in view the needs of development and expansion of the diverse activities in Arts and Culture. The department is still in the process of being suitably organised.

10.3.2. The following broad categories of activities fall under the department of Arts and Culture.

(i) Preservation of indigenous forms of dance, music, and other forms of Arts, Cultural heritage through documentation and archive and their promotion and refection using the most modern scientific techniques and methods.

(ii) Development of local languages and literatures and promotion of mutual understanding and cooperation between the people of the State and other parts of the country by organising cultural exchange programmes and through other forms of interactions.

(iii) Study of historical process of development of the tribal people of different ethnic groups and socio-economic aspects of their way of life in the state.

(iv) Protection and preservation of ancient monuments.

(v) Establishment of museums,

10-3-3. During the 7th Plan period troupes of performing arts of the State took parts in various national and international festivals. The State also organised a number of such festivals and functions, where, besides taking parts by the artists of the state a number of national, international troupes also participated. A number of voluntary organisation of the State have been provided with financial assistance to enable them to carry out their activities on promotion of arts and culture. To encourage developments of other form of arts, painting, exhibition and greeting card making competition was organised during 1989-90 on the theme of National Integration and Jawaharlal Nehru. The State Institute of Arts has been strengthened and equipped with modern facilities for training young boys and girls different instrumental music and dance songs, etc.

10-3-4. A scheme for setting up of a Regional Audio Visual Archives has been undertaken with the financial assistance of N. E. C. It will function as a repository of materials on the tribal dance and music of the entire North Eastern Region. Another project for making documentary film/video film for T. V. on the subject (i) Balpakram (Garo Hills), (ii) Musical Instruments of Meghalaya and (iii) Khasi Drums has been initiated. The State Archive has also started its functioning and presently about 500 valuable records are in possession.

10-3-5. For promotion and development of local languages and literature Literary Awards have been given to Garo and Khasi authors annually. The National Sahitya Academy has been requested to recognise the Khasi language for consideration of Academy awards.

10-3-6. The State museum at Shillong has been enlarged by opening an Anthropological gallery in the building. It has also acquired a number of new exhibits relating to cultural heritage of the people of the State; poster, cards of ancient Indian images are also being obtained for the museum. The district museum at Tura has been set up. A plot of land with a building has been acquired to establish a new museum and State level cultural complex at Shillong.

10-3-7. Under the scheme of preservation of monuments the sites at Nartiang, Laitlyngkot, Lyngkydem, Borkhar and Chisabibra have been taken up by the Government for protection.

10-3-8. Public Libraries:—The State Central Library has been strengthened and more books have been added. Under a schemes of the Raja Ram Mohan foundation an audio visual section for children is opened. The district libraries are also provided with additional books and other facilities.

10-3-9. Programme for 1990-91:—During the 1990-91 most of the schemes of 7th Five year Plan will be continued; Endeavour will be made to complete some of the construction works and to strengthen all the existing institutions/schemes by providing additional facilities. Stress will be laid on documentation, production of audio visual materials. The work for establishment of the new museum and State level cultural complex will be taken up.

10-3-10. The schematic outlay and expenditure during the 7th Plan period and the proposed outlay for 1990-91 are given in the Statement—I below.

**STATEMENT-I**

**Schematic Outlay And Expenditure**

Head of Development:— Arts and Culture

(Rs. In lakh)

Code	Schemes	Approved Outlay 1989-90 Outlay	Actual Expenditure				Approved Outlay 1989-90	Total Anti Expenditure 1989-90	Proposed Outlays 1990-91
			1985-86	1986-87	1987-88	1988-89			
1	2	3	4	5	6	7	8	9	10
001	Direction and Administration ... ..	...	...	...	...	...	3.00	3.00	3.000
001	Fine Arts Education								
(a)	Assistance to voluntary Cultural organisation	3.00	0.20	0.20	0.20	0.30	0.50	0.50	1.00
(b)	Scholarship for learning music	..	...	...	...	...	...	...	0.20
(c)	Promotion of performing Arts ... ..	2.50	0.20	0.20	0.30	0.30	1.50	1.50	1.50
(d)	In corporation of Arts and Culture informal School system	1.00	...	...	...	0.20	...	0.20	0.20
(e)	Cultural Exchange programme ... ..	1.00	0.20	0.60	0.40	1.00	1.20	1.20	1.50
	Institute of Art and Culture ... ..	3.50	0.60	0.80	1.00	1.40	2.50	2.50	2.50
002	Promotion of Art and Culture.								
(a)	Pension's/award etc. ... ..	1.00	0.20	0.20	0.20	0.30	0.30	0.30	0.30

	2	3	4	5	6	7	8	9	10
(b) Production of folk literature ... ..		2.00	0.45	0.20	0.30	0.40	0.50	0.50	1.00
(c) Esstt. of District Cultural complex ... ..							4.00	4.00	2.00
(d) State Sahitya academy ... ..							2.00	2.00	1.00
(e) Audio Visual documendation and Folk dance on a music recorder. ... ..							2.00	2.00	1.00
(f) Tiroet Singh Award ... ..							0.20	0.20	
103 Archeology and Archeological Survey									
(a) Presentation of ancient manument ... ..		2.50	0.30	0.30	0.50	0.50	0.50	0.50	1.00
(b) Registration of antiquaties and Art treasures ... ..		2.50	0.30	0.30	0.50	0.50	0.30	0.30	0.50
104 Archieves ... ..		5.00	0.30	0.50	1.00	1.50	1.10	1.10	1.20
105 Public Library									
(a) State Central Library									
(1) Staff, books, buildings etc. ... ..		17.00	2.50	2.60	3.60	6.00	4.10	4.10	4.00
(b) District Libraries									
(1) Staff, books, buildings etc. ... ..		22.00	4.20	4.40	4.00	3.50	10.00	10.00	10.00
(c) Mobile Library .. ...		3.00	2.00	2.00	2.50	2.50	0.50	0.50	0.50
(d) Block Libraries/Village libraries ... ..		5.00	0.60	0.60	1.00	1.00	0.60	0.60	0.30

1	2	3	4	5	6	7	8	9	10
(c) Raja Ram Mohan Roy learning foundation		5.00	0.25	0.70	0.70	...	0.70	0.70	...
107 Museum.									
(i) State Museum ... ..		10.00	2.00	2.50	3.00	4.00	7.20	7.20	1.00
(ii) District Museum .. ..		...	...	..	...	...	3.00	3.00	3.10
(iii) Art Gallery ... ..		...	...	..	...	...	...	...	2.00
108 Anthropological Survey									
(a) Tribal Research Institute buildings		5.00	0.20	0.20	0.20	0.50	0.50	0.50	0.50
Other expenditure									
S. O. HAS. ... ..		2.00	...	0.25	0.50	0.50	0.30	0.30	0.30
Gazetteer ... ..		2.00	...	0.30	0.30	0.40	0.50	0.50	0.40
Contribution to Zonal centre		...	...	...	...	42.91	40.00	40.00	20.00
New Schemes .. ..		...	...	...	..	...	...	...	..
1. Production of films and documentaries for profession of the State and the Culture ...		...	...	...	...	...	...	...	3.00
2. Setting up a film and vedco development Corporation ... ..		...	...	...	...	...	...	..	..
3. District level Auditorium (4 nos.) ... ..		...	...	...	...	...	...	...	2.00
4. Organisation of a State troupe of artists ... ..		...	...	...	...	...	...	...	1.00
4. State level cultural complex ... ..		...	...	...	...	...	...	...	5.00
<b>TOTAL:—</b> ... ..		<b>100.00</b>	<b>14.50</b>	<b>16.85</b>	<b>25.00</b>	<b>67.71</b>	<b>87.00</b>	<b>87.00</b>	<b>71.00</b>

10.4.1.

## SPORTS AND YOUTH SERVICES

10.4.1. Originally Planning Commission approved an outlay of Rs. 275.00 lakhs for the 7th Five Year Plan of Sports and Youth Services sector of Meghalaya. Ultimately it went up to Rs. 509.00 lakhs. This happened because of State's need based projections of annual requirement of funds for creation and development of sports infrastructure and expansion of Youth activities. Yearwise allocations of funds and actual and anticipated expenditure are as follows:—

Year	Allegation (Rs. lakhs)	Expenditure (Rs. lakhs)
1985—86	77.00	73.37
1986—87	85.00	85.24
1987—88	52.00	51.63
1988—89	110.00	110.62
1989—90	185.00	185.00 (anticipated)
	<u>509.00</u>	<u>505.86</u>

From the figures given above there appears to be a shortfall in expenditure of Rs. 3.14 lakhs. This was due to lack of infrastructure in the initial years of the 7th Plan period.

10.4.2. With a view to strengthening the administrative infrastructure for taking up activities for development of sports, games and other youth activities in a systematic and scientific way, the Department of Sports and Youth Affairs with its Directorate were created in the State in 1985. To cover every part of the State within the ambit of Sport activities, district level sports offices have been established in all the 5 districts with one District Sports Officer-in-charge.

In order to develop the infrastructure for sports and games, in the State, construction of a number of medium and small size sports stadia were undertaken during the 7th Plan period besides making efforts to complete the construction of the Sports Complex at Shillong. Some of these stadia are completed and some are still under progress. A mini-stadium at St. Anthony's High School and the 1st phase of the Sport Complex at Shillong are already completed. The

State Government has also provided financial assistance to different youth organisations/clubs for improvement of 45 Nos. of playgrounds, and 5 Nos. of Basket-ball Court in the State. During 1989-90 another scheme has been taken up for providing financial assistance for construction and improvement of playgrounds in the Community Development Blocks. In addition, Sports Association of different disciplines have been given financial assistance to enable them to organise competitions at village, block, district and State levels and to participate in regional and national level competitions and championships. For improving the quality of Sports and games, in the State besides providing physical facilities, efforts have been made to give proper training and guidance to the youths in different sports by appointing trained and experienced coaches. Regional and national level competitions and championships are also organised in the State to expose the youths to improve games and sports and to create incentives. The State also sponsored a number of teams of different age groups in different disciplines of sports and games to participate in national original competitions outside the state in addition to the teams sponsored by the various sports associations.

10.4.3. Under Physical Education Programme, Physical Fitness Festivals for promotion of health and physical fitness have been organised in all the district headquarters and two youths have been sent for training in physical education in the H. M. V. degree College, Amrabati.

10.4.4. As a part of youth-welfare activities district and state level competitions have been organised in Essay writing, Drama, Music, etc., to improve the creative talent of the youths. For creating better understanding and co-operation among the youths of the different parts of the country, package tours were also organised for the youths of the State during the International Youth Year 1985. The schemes for welfare of students like N. C. C., N. S. S., Scouts and Guides have continued and expanded to more schools and Colleges.

▲ 10.4.5. Programme for 1990-91:—An outlay of Rs. 272.00 lakhs is approved for 1990-91 for the sports and youth welfare activities. During the year efforts will be made to complete construction of some of the projects, viz: (i) Multi-purpose Indoor Sport Hall, Tura, (ii) Outdoor Stadium at Tura, (iii) Outdoor Stadium at Jowai, (iv) Stadium at Ri-Bhoi, Sohra, Rymbai village, Saitsama, etc., which were undertaken earlier. During 1989-90, a scheme for construction of a Indoor Stadium Hall at Jowai, another scheme for renovation and extension of the existing Indoor Stadium at Shillong have been taken up. It is expected that Construction of these projects could be completed during 1990-91. Besides these construction of the 2nd phase of the Shillong Sports Complex will also be initiated.



The schemes for providing financial assistance to different sports Association/Youth Clubs for undertaking sports activities improvement of play ground, etc. and for participating in national, and regional level various competitions and organising State level, district level, block and village level competitions, etc., will be continued. The State will also continue to sponsored various competitions and championships within the State and State teams in different disciplines of games and sports to participate in regional and national level competitions. It is also envisaged to take measures for development of indigenous sports in the State.

The youth welfare activities will also be continued during 1990-91 and attempts will be made to expand these activities to the interior rural areas.

10.4.6. The programme-wise expenditure incurred during the 7th Plan period and the outlay proposed for 1990-91 are shown in the Statement below:—

## OUTLAY AND EXPENDITURE

**Statement—I**  
(Rs. in lakhs)

Head of Development :

Programme	Seventh Plan Outlay 1985-90	Actual Expenditure				1989-90		1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
<b>CONTINUING SCHEMES—</b>								
1. Direction & Administration ...	45.00	15.37	20.20	21.00	22.50	34.65	34.65	40.00
2. Physical Education ...	5.00	0.50	0.50	0.50	0.50	0.35	0.35	0.50
3. Youth Welfare Programme ... for students.	68.00	8.90	8.30	10.23	13.15	14.50	14.50	16.20
4. Sports and Games ...	157.00	48.60	56.24	19.90	74.47	135.50	135.50	215.30
<b>TOTAL ...</b>	<b>275.00</b>	<b>73.37</b>	<b>85.24</b>	<b>51.63</b>	<b>110.62</b>	<b>185.60</b>	<b>185.00</b>	<b>272.00</b>

## 10.5 MEDICAL AND PUBLIC HEALTH

10.5.1. The approved Seventh Plan outlay for 'Medical and Public Health sector was Rs.1600.00 lakhs. The anticipated expenditure for the last four years of the Plan period amounts to Rs. 1238.99 lakhs. The current years outlay of Rs. 400.00 lakhs is expected to be utilised in full.

### 10.5.2 Review of Programme—during 1989-90:—

(a) **Minimum Needs programme**—Upto 1987-88, 32 Primary Health Centres were functioning. From 1988-89, an additional of 24 Primary Health Centres were made functional. Construction works for another 6 Primary Health Centres have been completed. So far, 246 Sub-Centres are functioning. The construction of 3 Community Health Centres at Baghmara, Resubelpara and Nongpoh are expected to be completed during 1990-91.

(b) **Control of Communicable Diseases**—National Malaria Eradication Programme and Tuberculosis are implemented on 50:50 basis between the State and Central Government.

(c) **Hospitals and Dispensaries**—Additional and alteration works like (i) Provision of incinerator (ii) Kitchen block and (iii) Remodelling of operation theatre, etc., were carried out at New Tura 100 bedded Civil Hospital. The construction of buildings for 100 bedded Paediatric Ward and the extension of second floor at Ganesh Das Hospital are going on. The renovation of Ganesh Das Hospital has been completed in January, 1990. The Cobalt Therapy Unit at Shillong Civil Hospital has been commissioned. Further, improvement of Jowai Civil Hospital is in progress. Paying Wards and operation theatre are being provided at Cherrapunjee Civil Hospital. Mairang Primary Health Centre has been provided with 15 more additional beds so far, 37 additional Medical Officers' quarters have been constructed.

(d) All the 15 Sub-divisions are now manned by the Sub-divisional Medical and Health Officers since 1989.

### 10.5.3 Programme for 1990-91:—

(a) In line with the National Health Policy of "Health for all by 2000 AD", the main thrust of the Health Programmes during 1990-91 is to improve the health care of the rural masses by expanding the service to the periphery and strengthening the existing infrastructure.

(b) **Minimum Needs Programme**—During 1990-91, construction of 13 Community Health Centres (10 new schemes and 3 spill over), 13 Primary Health Centres (10 new schemes and 3 spill over) and 65 Sub-Centres (50 new schemes and 15 spill over) will be taken up.

(c) **Hospitals**—During 1990-91, construction works at Ganesh Das Hospital viz, paediatric ward, extension of additional storey) and the addition and alteration to the Tura Civil Hospital (phase I) as well as the extension of Jowai Civil Hospital will be continued. In addition, improvement of Williamnagar and Nongstoin Civil Hospital will be taken up. The bed strength of R.P. Chest Hospital will also be increased.

(d) In view of the absence of Medical College in the State, seats were reserved in different Medical Colleges outside the State—on pro-rata contribution. Tribal students are also awarded stipends on merit basis. During 1990-91, provisions have been made for continuation of the scheme.

(e) **I.S.M. and Homeopathy**—During 1990-91, provisions have been made for improvement of homeopathic dispensaries and award of stipend to selected students.

(f) **Other Programmes**—The schemes under this programme are (i) Strengthening of Headquarter Organisation (ii) Expansion of Health Education Bureau (iii) Prevention of Food Adulteration Components. (viz, continuation of construction of D.M. & H.O's Office, Shillong and Construction of D.M & H.O's Office at Tura, Nongstoin and Williamnagar.)

**10.5.4 20 Point Programme**—The advent of 20 Point Programme has given an impetus to accelerated rural health programme beneficial to the weaker section of the society. Under this programme, Primary Health Centres, Sub-Centres and Community Health Centres are established with a view to providing speedy medical facilities to the rural populace.

#### **10.5.5. Development of Pasteur Institute, Shillong—**

(a) **Diphtheria and Tetanus Group of Vaccine**— The scheme was taken up under N.E.C and completed in 1987-88 at the total cost of Rs 187.99 lakhs. Experimental production of crude tetanus toxoid was carried out in December 1987. The final production of experimental tetanus toxoid and D T. Group of vaccine will be taken up after completion of the modification of Diphtheria buildings. Some posts required for this scheme has also been created. The scheme will be normalised with effect from 1990-91.

(b) **Regional Blood Bank**—The scheme was taken up under N.E.C. at the total estimated cost of Rs.2.061 lakhs (revised), construction of buildings is expected to be completed during the current financial year and the Regional Blood Bank will start function from 1990-91. Necessary equipments were installed and posts required for operation of the Blood Bank were already created.

(c) **Regional Food and Drugs Laboratory**—The scheme was taken up under N.E.C. at the estimated cost of Rs.38.55 lakhs (revised). Construction of building is expected to be completed within the current financial year. Equipments, chemicals required under the scheme will be provided during the year. The expenditure involved for the scheme and the posts required for the laboratory will be borne by the State Government.

#### **10.6 Centrally Sponsored Schemes—**

(a) **National Malaria Eradication Programme**—During 1989-90, an amount of Rs 160.00 lakhs is expected to be spent under one unit at Tura which is under the attack phase and 2 units of Spray squad, one each for Khasi Hills and Jaintia Hills. These schemes will be continued during 1990-91 for which a provision of Rs 144.00 lakhs has been provided.

(b) **National T.B. Control Programme**—Construction of T.B. Centre at Jowai is in progress. During 1990-91, 2 new T.B Centres will be taken up. Additional posts will be provided to District T.B Centre, Shillong and State T.B Officer. Hence, an amount of Rs20.00 lakhs has been provided for continuation of the scheme.

The expenditure on the above two schemes are borne on 50:50 basis between the State and Central Government.

(c) **National Leprosy Control Programme**—Construction of a temporary hospitalisation ward and staff quarter at Dobu will be continued. One SET Centre and one Sample Survey-Cum-Assessment Unit will be taken up during 1990-91 for which a provision of Rs.4.00 lakhs has been provided for the purpose.

(d) **National Programme for Visual impairment for control of Blindness**—During 1990-91, 5 District Hospitals, and 11 Primary Health Centres have been selected for carrying eye care programme. Mobile team has also been set up for eyecamp in different places. During 1990-91, an amount of Rs.3.05 lakhs has been provided for setting up of one new Mobile unit.

The above 2 schemes are wholly financed by the Central Government.

10.5.7 **N.E.C Scheme**—Besides the N.E.C Schemes detailed in the fore-going paras for the Pasteur Institute Shillong there is also a scheme for an Artificial Limbs Fitting Centre at Shillong Civil Hospital. Construction of building was completed. Other components of the scheme are nearing completion. The scheme is being normalised by the end of the Seventh Plan period.

The schematic financial outlays of expenditure and the physical targets and achievements are shown in Statement I & II respectively.

**STATEMENT I**

**OUTLAY OF EXPENDITURE**

Head of Development:—**Health**

(Rs. in lakhs)

Programme	Seventh Plan Outlay 1985-90	Actual Expenditure			1989-90			1990-91 Outlay
		1985-86	1986-87	1987-88	1987-89 (Departmental)	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
<b>CONTINUING SCHEMES:—</b>								
I. Minimum Needs Programme	711.00	163.77	205.00	229.23	211.89	232.90	232.00	405.00
II. Control of Communicable Diseases (State Share).	285.00	45.78	41.51	47.97	65.26	86.00	86.00	82.00
III. Hospitals	495.00	83.67	51.67	45.76	10.59	36.00	36.00	128.00
IV. Medical Education & Research	30.00	6.10	6.05	10.93	5.72	12.00	12.00	50.00
V. Training Programme	4.00	0.50	0.50	Expenditure has been included under Medical Education as per revised classification.				2.00
VI. I.S.M. & Homeopathy	5.00	—	0.21	0.31	0.92	1.00	1.00	2.00
VII. Other Programme	70.00	0.48	1.70	0.79	4.60	18.25	18.25	9.00
VIII. Construction of Health building PWD	—	—	—	—	—	11.00	11.00	—
<b>NEW SCHEME:—</b>								
I. Other Programme	—	—	—	—	—	3.75	3.75	31.00
<b>GRAND TOTAL HEALTH:—</b>	<b>1600.00</b>	<b>300.00</b>	<b>306.72</b>	<b>332.99</b>	<b>298.98</b>	<b>400.00</b>	<b>400.00</b>	<b>709.00</b>
					(Excluding Expdr., from P.W.D)			

**STATEMENT II**  
**PHYSICAL TARGETS AND ACHIEVEMENTS**

Head of Development:—HEALTH

Item	Unit	Seventh Plan Target	Achievements				1989-90			1990-91 Target
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Achievement		
1	2	3	4	5	6	7	8	9	10	
1. Hospital ...	... Nos.	1. Expansion of Civil Hospital at Jowai.	...	...	...	...	Expansion of Civil Hospitals. Jowai.	Works are in progress.	Continuation of the Construction works for the improvement of Jowai Civil Hospital.	
		2. Construction of 100 bedded paediatric ward at Ganesh Das Hospital.	...	...	...	...	Construction of 100 bedded paediatric Ward at Ganesh Das Hospital.	Works are in progress.	Continuation of the Construction work for a 100 bedded Paediatric ward at Ganesh Das Hospital.	
		3. Nurses Hostel at the existing Civil Hospital.	...	...	...	...	...	...	...	

- |  |   |                    |                    |                    |   |  |   |
|--|---|--------------------|--------------------|--------------------|---|--|---|
| <p>4. Improvement in the District Hospitals.</p> | <p>Some improvement to the District Hospitals have been done.</p> | <p>As in Col.4</p> | <p>As in Col.4</p> | <p>As in Col.4</p> | <p>Improvement in the District Hospitals.</p> | <p>1. Construction for Extension of Addl. i.e. 2nd Floor over the existing building of Ganesh Das Hospitals are in progress.</p> <p>2. Addition and alteration to a 100 bedded Hospital building at Tura are in progress.</p> <p>3. Addition to the alteration to the Main Building phase-I are in Progress and some improvement to the Hospitals.</p> | <p>1. As Continuation of the construction works as in Col.9.</p> <p>2. Renovation of Ganesh Das Hospital (Old Building).</p> <p>3. Improvement of Ganesh Das Hospital.</p> <p>4. Nursing Hostel-cum-School at Dacca Cottage.</p> <p>5. Improvement of Civil Hospital Shillong.</p> <p>6. Improvement of Hospital at Nongstein/Williamnagar.</p> <p>7. Increase of beds strength in the aid Provincial Chest Hospital.</p> |
|--|---|--------------------|--------------------|--------------------|---|--|---|

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2. BEDS—

<p>(a) Urban Hospitals and Dispensaries.</p>	<p>Nos.</p>	<p>648</p>	<p>...</p>	<p>..</p>	<p>...</p>	<p>19</p>	<p>198</p>	<p>...</p>	<p>179</p>
<p>(b) Rural Hospitals and Dispensaries.</p>	<p>„</p>	<p>320</p>	<p>60</p>	<p>90</p>	<p>60</p>	<p>70</p>	<p>60</p>	<p>40</p>	<p>100</p>



1	2	3	4	5	6	7	8	9	10
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### 3. HEALTH CENTRES—

(a) Sub-Centres	... Nos	230	47	9	28	6	96	35	50 New 15 spill over
(b) Primary Health Centres.	Nos 33 (including conversion of Dispensaries/SHC.)		6	9	6	7	6	4	10 New 3 spill over
(c) Subsidiary Health Centres.	Nos	...	..	...	...	...	...	...	...
(d) Community Health Centre.	Nos	8	...	...	..	..	3	..	10 New 3 spill over

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### 4. TRAINING OF AUXILIARY NURSE MIDWIVES.

(a) Institute	... Nos	2	2(c)	2(c)	2(c)	2(c)	2(c)	2(e)	2(c)
(b) Annual Intake	Nos	300	26	27	15	29	60	60	60
(c) Annual Outturn	Nos	300	30	23	13	18	60	60	60

	1	2	3	4	5	6	7	8	9	10
<b>5. CONTROL OF DISEASES.</b>										
(a) Tuberculosis Clinic Nos			...	...	...	...	...	..	...	...
(b) Leprosy Control Unit/THW. Nos			2	...	...	...	...	1	...	1(c)
(c) Filaria Units ... Nos			...	...	...	...	...	...	...	..
(d) S.E.T. Centres ... Nos			5(c)	5(c)	5(e)	5(c)	5(c)	5(c)	5(c)	1
(e) District T.B. Clinic Nos		2 New 1 Spill over		..	1	...	...	3	...	3(-)
(f) T.B. Isolation ... Nos			...	...	...	...	...	...	...	...
(g) Cholera Combat Teams. Nos			...	...	...	...	...	...	...	...
(h) S.T.D. Clinics ... Nos			...	...	...	...	...	..	...	...
(i) National Schemes for Prevention of Blindness. Nos			5	5(c)	5(c)	5(c)	5(c)	5(c)	5(c)	1
<b>6. MOBILE UNIT SET UP--</b>										
(a) P.H.E. Assited ... Nos			11	11(c)	11(c)	11(c)	11(c)	11(c)	11(c)	...
(b) Ophthalmic Department Assited. Nos			5	5(c)	5(c)	5(c)	5(c)	5(c)	5(c)	...

## MCH & FAMILY WELFARE PROGRAMME (CENTRALLY SPONSORED)

10.5.8 MCH & Family Welfare Programme in Meghalaya is implemented for improving health of mother and children and to reduce infants, Child and maternal morbidity and mortality and also for improving quality of life. This programme is 100% Centrally sponsored. There is one State Family Welfare Bureau, one Health and Family Welfare Training Centre, 4 Post Partum Centres, 23 Rural Family Welfare Centres, one Urban Family Welfare Centre and 138 Sub-Centres, under Family Welfare Programme. 14 out of 17 goals set for Health for all by 2000 A.D. falls under MCH and Family Welfare Programme

10.5.9 Under MCH and Family Welfare Programme Immunisation of Children against Diphtheria Pertussis, Tetanus, Measles, Tuberculosis and Poliomyelitis, and mother against Tetanus are given. Measle Vaccination has been introduced during 1986-87. East Khasi Hills District has been selected for Universal Immunisation Programme during 1986-87, and West Garo Hills during 1987-88. The remaining three Districts was taken up for Universal Immunisation Programme during 1988-89. The Children 1-5 years of age are given Vitamin 'A' solution for Prophylaxis against blindness. Iron and Folic Acid Tablets are given to mothers and children for Prophylaxis against Nutritional Anaemia. In Meghalaya no compensation money is paid to acceptor, motivator, or doctor for sterilisation or IUD. The Programme is purely voluntary in nature. We are giving stress on spacing methods for good health of mothers and children. Traditional Birth Attendants are being trained for conducting safe and hygienic delivery in Rural and out reach Areas.

10.5.10 Health Component Intergrated Child Development Services schemes of Social Welfare Department is implemented by Health and Family Welfare Department. At present there are 20 Intergrated Child Development services Projects sanctioned for our State. Excellent co-operation exist between Health and Social Welfare Department in ICDS Programme.

10.5.11 Village Health Guide Scheme is being implemented in 24 Planning Health Centres under 100% Centrally Sponsored Family Welfare Programme. Female Health Guides are very useful in our State.

10.5.12 Dehydration is the main cause of infantile death due to Diarrhoeal diseases. Oral Rehydration Salt Pockets (O.R.S.) have been supplied to all Auxillary Nurse Midwives and Health Guides for supplying free of cost and reducing incidence of death specially among Children due to Diarrhoeal. Oral Rehydration Therapy Scheme have been implemented in all District during 1988-89 and will continue in 1990-91 as 100% Centrally Sponsored Programme.

10.5.13 Goitre Cell has been started during 1986-87 as 100% Centrally Sponsored Programme for reducing incidence of Goitre in the State.

The schematic financial Outlays and expenditure and the physical achievements in respect of MCH and Family Welfare are shown in Statement I (a) and II (b).

**STATEMENT—I (a)**  
**OUTLAY AND EXPENDITURE**

Head of Development:—FAMILY WELFARE (CENTRALLY SPONSORED SCHEME)

(Rs. in lakh)

Programme	Seventh Plan Outlay (1985-90)	Annual Expenditure				1989-90		1990-91 Outlay		
		1985-86	1986-87	1987-88	1988-89	Approved Outlay (As per allocation by Govt. of India)	Anticipated Expenditure			
1	2	3	4	5	6	7	8	9		
<b>CONTINUING SCHEME</b>										
<b>1r DIRECTION AND ADMINISTRATION—</b>										
(a) State F. W. Bureau	...	10.65	1.38	1.99	2.24	2.99	8.71	3.17	1.50	Declining Provision due to transfer of liability from Plan to Non-Plan.
(b) District F. W. Bureau	...	42.00	8.65	9.93	12.08	15.31	21.96	17.06	...	Provision for the Scheme has entirely provided under Non-Plan Budget due to transfer of liability from Plan to Non-Plan during the 8th Plan period.
<b>II. TRAINING</b>										
(a) (i) Regional Health and F. W. Training Centres.	22.75	4.43	5.19	5.96	8.34	5.49	9.59	...	...	Do.
(ii) Construction of Buildings	10.00	5.35	1.87	0.52	0.10	...	1.00	...	...	Construction of Building completed.
(b) (i) Training of ANM (Male and Female).	39.50	4.06	4.26	5.38	6.48	7.00	8.67	8.67	...	...
(ii) Construction of Building	25.00	5.53	5.80	0.38	...	...	...	...	...	Construction of Building completed.

1	2	3	4	5	6	7	8	9	10
(c) Training of Dhais ...	7.00	0.51	0.59	0.80	0.06	2.15	0.50	1.23	
(d) Training of Multipurpose Worker Scheme (Male) ...	...	1.69	2.07	2.53	1.57	...	..	...	
<b>III. RURAL FAMILY WELFARE SERVICES—</b>									
(a) (i) Rural F. W. Centres	97.60	19.80	23.16	30.72	32.61	45.65	36.34	...	Provision for the Scheme has provided under Non-Plan due to transfer of liability from Plan to Non-Plan during the 8th Plan period.
(ii) Construction of Building ...	50.00	18.12	7.25	4.52	0.20	...	1.70	...	Construction of Building completed.
(b) Rural F. W. Sub-Centres ..	98.00	9.37	14.80	25.75	27.13	36.62	35.43	32.79	Provision includes for establishment of new Sub-Centres.
(c) Post Partum Programme at Sub-District Level. ...	...	0.92	1.08	1.51	1.59	1.00	2.00	2.80	
(d) Village Health Guide Scheme	...	29.64	24.08	19.36	17.99	14.52	20.00	7.78	Declining provision due to the discontinuance of the Scheme by Government of India. The provision is for payment of liability under Honorarium.
<b>IV. URBAN FAMILY WELFARE SERVICES—</b>									
(a) Urban F. W. Centres ...	9.00	0.80	1.20	1.50	1.98	0.70	2.22	2.17	
(b) (i) Post Partum Programme at District Level. ...	50.00	5.77	4.90	6.47	7.63	5.00	10.37	10.26	
(ii) Construction of Building ...	..	4.26	5.79	3.82	0.10	...	0.99	..	Construction of Building completed.

### V. MATERNITY AND CHILD HEALTH:

(a) Procurement of Syringes, Needles and Thermodes boxes.	0.50	0.40	...	...	...	...	...	...
(b) Expanded Immunization Programme/Universal Immunization Programme.	...	...	0.55	1.33	3.31	...	7.26	4.26
(c) Oral Rehydration Therapy Programme ...	..	...	..	0.99	3.15	2.34	1.81	3.00

### VI. TRANSPORT:

(a) P. O. L. and major repairs of Vehicles ...	24.00	2.64	2.93	2.74	3.87	4.35	3.41	5.20
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### VII. COMPENSATION ;

Intra Uterine device and Vol. sterilisation	1.00	...	0.02	0.02	1.90	.	0.01	0.05
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### VIII. MASS EDUCATION:

Mass Education and Media ... ..	24.00	1.50	1.58	1.73	2.07	1.72	1.86	3.00
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### IX. OTHER SERVICES SUPPLIES:

Integrated Child Development Scheme opened under Tribal belt (Health Sector).	40.00	5.59	6.40	8.63	9.78	...	13.40	... No funds is forthcoming from Government of India from 1990-91 onward,
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**STATEMENT II (B)**  
**PHYSICAL STATEMENT**

**Head of Development—FAMILY WELFARE**

Item	Unit	Seventh Plan Target	Achievements				1989-90		Targets 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Achievement (up to January 1990)	
1	2	3	4	5	6	7	8	9	10
<b>I. VILLAGE HEALTH GUIDE SCHEME—</b>									
Village Health Guide Trained	Nos (cum)	...	...	...	...	200	...	...	...
<b>II. FAMILY WELFARE—</b>									
(a) Rural Family Welfare Centre.	—do—	23 (continuing),	...	...	...	...	...	...	} The Centres has already established prior to Seventh Plan Period.
(b) District Family Welfare Centre.	—do—	5	..	...	...	...	...	...	
(c) Urban Family Welfare Centres.	—do—	1	..	...	...	...	...	...	
(d) Post Partum Centres	—do—	4	..	...	..	...	...	...	
(e) Regional Health and Family Welfare Training Centres.	—do—	1	..	...	...	...	...	...	
(f) A.N.M. Training School	—do—	2	..	...	...	...	...	...	
(g) Oral Rehydration Therapy	—do—	5	..	...	...	2	3	...	
(h) Universal Immunisation Programme	—do—	5	..	...	...	2	3	...	

	1	2	3	4	5	6	7	8	9	10
<b>III. MATERNITY &amp; CHILD HEALTH BENEFITS—</b>										
(a) Immunisation of Infants & Pre-School Children with D.P.T.	—do—		20,325	19,376	25,654	30,335	46,800	27,744	35,000	
(b) Immunisation of School going Children with D.T.	—do—		24,107	18,476	30,000	24,626	30,000	17,226	30,000	
<b>(c) Prophylaxis against Nutritional Anaemia among—</b>										
(a) Mothers (cumulative)	—do—		86,964	88,503	47,803	47,462	50,000	34,453	50,600	
(b) Children (cumulative)	—do—		94,764	84,847	51,107	80,700	50,000	58,576	50,000	
(d) Prophylaxis against Vitamin 'A' Deficiency.	—do—		47,278	74,179	58,730	68,515	50,000	45,675	50,000	
<b>IV. NO. OF VOLUNTARY STERILISATION DONE—</b>										
(a) Tubectomy	—do—		502	455	540	462	...	436	...	
(b) Vasectomy	—do—		32	2	18	8	...	15	...	
(c) No. of IUD insertion	—do—		1,260	1,487	1,208	1,454	2,000	1,279	800	
(d) C. C. Users	—do—		3,292	2,848	2,571	1,485	3,000	1,904	2,400	



## 10.6. SEWERAGE AND WATER SUPPLY

The approved outlay for Sewerage and Water Supply under the State Plan for Meghalaya for the Seventh Plan period (1985-90) is Rs.5,000.00 lakhs out of which Rs.3,000.00 lakhs is earmarked for the Rural Water Supply Scheme under the Minimum Needs Programme. Besides this, the same amount of Rs.3,000.00 lakhs is made available as a matching contribution during Seventh Plan under the Centrally Sponsored A. R. P. Schemes. During the year 1990-91 the State Plan allocation is Rs.1,135 lakhs and the tentative allocation under A.R.W.S.P. would be Rs.843.00 lakhs.

10.6.2. **Annual Plan 1989-90** :—(a) The approved outlay for “Sewerage and Water Supply” under the State Plan for the current year (1989-90) is Rs.1,000.00 lakhs the breakup of which are as follows :—

i) Direction and Administration, building...				Rs.1,65.00 lakhs
ii) Survey and Investigation ... ..				Rs. 5.00 ,,
iii) Urban Water Supply Scheme ... ..				Rs.100.00 ,,
iv) Rural Water Supply M. N. P. ... ..				Rs.632.00 ,,
v) Rural Water Supply Maintenance ... ..				Rs. 59.00 ,,
vi) Urban low Cost Sanitation and Shillong Sewerage.				Rs. 20.00 ,,
vii) Rural Sanitation ... ..				Rs. 20.00 ,,
			<b>Total</b>	<b>Rs.1,000.00 ,,</b>

(b) In addition to the State Plan allocation, an amount of Rs.450.00 lakhs is expected during the current year (1989-1990 from the Government of India under Centrally Sponsored Schemes, as a matching contribution The break-up of which are as follows :—

i) Accelerated Rural Water Supply ... ..				Rs.420.00 lakhs
ii) Monitoring Cell ... ..				Rs. 3.00 ,,
iii) Investigation Unit ... ..				Rs. 7.00 ,,
iv) Rural Sanitation ... ..				Rs. 2.00 ,,
			<b>Total</b>	<b>Rs.450.00 lakhs</b>

10.6.3. **Annual Plan 1990-91** :—(a) The approved outlay, under the State Plan for the year 1990-91 is Rs.1,135.00 lakhs. The break-up of which are as follows :—

i) Direction and Administration, building ...				Rs. 85.00 lakhs
ii) Survey and Investigation — ...				Rs. 5.00 ,,
iii) Urban Water Supply Scheme ... ..				R. 185.00 ,,
iv) Rural Water Supply M. N. P. ... ..				Rs. 800.00 ,,
v) Urban Low Cost Sanitation and Shillong Sewerage.				Rs. 20.00 ,,
vi) Rural Sanitation ... ..				Rs. 30.00 ,,
vii Research Development... ..				Rs. 10.00 ,,
			<b>Total</b>	<b>Rs.1,135.00 lakhs</b>

(b) In addition to the outlay under the State Plan, an amount of Rs.675.00 lakhs is expected for the Centrally Sponsored Schemes for the year 1990-91. The break-up of which is indicated below:—

i) Accelerated Rural Water Supply	...	...	...	Rs.800.00 lakhs
ii) Monitoring Cell	..	...	...	Rs. 3.00 ,,
iii) Investigation	...	...	...	Rs. 10.00 ,,
iv) Rural Sanitation	...	...	...	Rs. 30.00 ,,
<hr/>				
Total				Rs.843.00 lakhs

10.6.4. **Physical Targets and Achievements**:- Out of 4,902 villages as per the 1981 Census, 2,844 villages have been covered with Water Supply upto March, 1990. The target for the current year is 500 villages, which is likely to be achieved by the end of March, 1990. A target of 750 villages have been proposed for 1990-91. This Department has taken up Rain Water Harvesting Schemes under the auspices of the Technology Mission, Govt. of India for providing a cost effective water supply scheme for villages having no source of water within a reasonable distance. During 1988-89, 600 (six hundred) rain water structures covering 68 villages in the West Khasi Hills district have been completed. It is also proposed to construct 800 (eight hundred) Rain Water Harvesting Structures covering 49 villages during 1989-90. During 1990-91 it is proposed to take up 400 (four hundred) Rain Water Harvesting Structures covering 25 villages. Similar Programme will be taken up in other districts also in the coming year.

In the Urban Sector, the phase-I of Greater Shillong Water Supply Scheme has been completed expecting a few Zonal Reservoirs at Mawlai with a capacity of supply 50 lakhs Gallons of water per day. But at present only 20 lakhs Gallons of water is being supplied to Shillong apart from supplying 18 villages enroute between Mawphlang and Upper Shillong for want of necessary reservoirs and proper distribution system. During the current 'year' a freedex line is proposed to be drawn from Upper Shillong to Motinagar and Malki for providing Water supply for those areas. In order to bring the benefit of the water from the Greater Shillong Water Supply Scheme to all the areas of Shillong a complete new distribution system is needed as the existing system is very old and totally inadequate to meet the demand of the growing population of Shillong. With this end in view, the WAPCOS, a Government of India undertaking have been entrusted with the work of surveying and designing a new distribution system. The work is in progress and the design and drawings are expected to be completed by February, 1990, after which the work on the distribution system will be taken up in phases. The work is expected to be completed within two years.

**10.6.5. Low Cost Sanitation under State Plan :**

During the year 1987-88, 555 (five hundred fifty five) Latrines were constructed covering 5 Urban Centres partially through the T.C.P. Department.

During the year 1988-89, 319 latrines were constructed in Urban areas through T.C.P. Department. During the year 1989-90, it is proposed to construct 500 latrines. A target of 1127 Units is kept for the year 1990-91.

**10.6.6. Rural Sanitation-(State and Central Sector) :**

During the year 1987-88, 1274 latrines were constructed. A total of 1751 latrines were constructed during 1988-89 under these programmes. During the current year, it is proposed to construct 2254 Units and it is expected to achieve the target set by March, 1990. During the year 1990-91, it is proposed to construct 2950 latrines.

**10.6.7. Constraints :**

Limited working season due to climatological factors and acute scarcity of trained man power, the department is facing great difficulty in achieving the target.

10.6.8. The programme wise schematic outlays, and expenditure of "Sewerage and Water Supply" sector are indicated in Statement-I while the Physical targets and achievement are indicated in Statement-II:

**STATEMENT I**  
**Outlay and Expenditure**

Head of Development—SEWERAGE AND WATER SUPPLY:

(Rs. in lakhs)

Programme	Seventh plan outlay	1985-86 actual expendi- ture	1986-87 actual expendi- ture	1987-88 actual expendi- ture	1988-89 actual expendi- ture	1989-90		1990-91 outlay
						Approved outlay	Antici- pated expendi- ture	
1	2	3	4	5	6	7	8	9
<b>(A) STATE PLAN:</b>								
1. Direction and Administration—								
(a) Buildings ... ..	325.00	54.60	62.27	64.86	105.01	165.00	165.00	85.00
(b) Survey and Investigation ... ..	25.00	2.82	3.52	3.77	3.59	5.00	5.00	5.00
2. Low Cost Sanitation ... ..	200.00	..	..	17.00	648.00	20.00	20.00	20.00
3. Urban Water Supply ... ..	1000.00	327.89	130.74	146.67	57.00	100.00	100.00	185.00
4. Rural Water Supply (MN) .. ..	3000.00	374.59	542.15	551.66	18.00	632.00	632.00	830.00
5. Rural Water Supply (OMNP) and Repairs and maintenance.	250.00	..	31.72	29.75	102.90	58.00	58.00	..
6. Research and Development ... ..	..	..	..	..	..	..	..	10.00
7. Rural Sanitation ... ..	200.00	..	..	22.95	14.50	20.00	20.00	30.00
<b>Total State Plan ... ..</b>	<b>5000.00</b>	<b>759.90</b>	<b>770.40</b>	<b>836.66</b>	<b>949.00</b>	<b>1000.00</b>	<b>1000.00</b>	<b>1135.00</b>
<b>(B) CENTRALLY SPONSORED SCHEMES:</b>								
1. Accelerated Rural W/S ... ..	Not known	364.11	597.81	485.75	376.31	378.00	378.00	800.00
2. Investigation Unit ... ..	..	4.51	4.44	5.29	7.00	7.00	7.00	10.00
3. Monitoring Cell ... ..	..	1.19	1.29	1.50	2.54	3.00	3.00	3.00
4. A. R. P. Maintenance ... ..	..	..	..	..	40.10	42.00	42.00	..
5. Rural Sanitation .. ..	..	..	..	5.02	8.15	20.00	20.00	30.00
<b>Total—G. S. S. ... ..</b>	<b>..</b>	<b>369.81</b>	<b>603.54</b>	<b>497.56</b>	<b>484.10</b>	<b>450.00</b>	<b>450.00</b>	<b>843.00</b>

STATEMENT II

Physical Targets & Achievement

Head of Development—SEWERAGE AND WATER SUPPLY:

Item	Unit	Seventh plan target	1985-86 achieve- ment	1986-87 achieve- ment	1987-88 achieve- ment	1988-89 achieve- ment	1989-90		Target for 1990-91
							Target	Antici- pated achieve- ment	
1	2	3	4	5	7	6	8	9	10
1. Rural* Water Supply Schemes under MNP and ARP.	No. of villages.	2,237	310	450	600	470	500	500	750
2. Urban Water Supply ... ..	No. of Towns.	2	...	...	Two partially.	One fully.	...	...	...
3. Rural Sanitation ... ..	No. of Latrines.	10,000	...	...	874	1,536	1,127	1,127	1475
4. Low Cost Sanitation ... ..	No. of Latrines.	...	...	...	555	319	500	500	1,127
5. Rural Sanitation Central Sector ... ..	No. of Latrines.	...	...	...	400	215	1,127	1,127	1,475

## 10:7 HOUSING (GENERAL)

10:7:1. The Seventh Plan provision for the Housing Scheme Rs.225.00 lacs. The expenditure for the first 4 years of the plan period amounted to Rs.391.70 lacs. The approved outlay for the Annual Plan 1989-90 is Rs.250.00 lacs against which the anticipated expenditure is Rs.218.42 lacs. The approved outlay for 1990-91 is Rs.254.00 lacs.

10:7:2. Review of programmes in 1989-90 and schemes to be taken up in 1990-91.

10.7.3. **Direction and Administration.**—Rs.10.50 lakhs was allocated for the plan period. During the first four years Rs.21.31 lakhs has been utilised for payment of salaries, T. E., O. E. and for purchasing of vehicles, electronic type-writer etc., During 1989-90 against the budget allocation of Rs.22.90 lakhs, Rs.23.00 lakhs is anticipated to be utilised for similar purposes.

10.7.4. **Rural Housing Scheme.**—Rs.4.00 lakhs was allocated for the 7th Plan period with a target of granting roofing materials to 200 houseless Meghalayan Rural Families. During the first four years Rs.8.05 lakhs has been utilised against the revised budget provision of Rs.17.00 lakhs and 397 families have been benefited, During 1989-90 Rs.4.00 lakhs has been provided in the Budget but it is anticipated that Rs.36.00 lakhs will be utilised to benefit 600 additional families, An amount of Rs.33.00 lacs has been provided for 1990-91 to cover 600 families.

10.7.5. **Training** :—The 7th Plan allocation was Rs.0.50 lakhs. So Rs.0.06 lakhs only has been utilised due to dearth of appropriate training personnel.

10.7.6. **Assistance to Meghalaya State Housing Board.**—Against the plan allocation of Rs.18.00 lakhs for giving grants-in-aid to the Meghalaya State Housing Board, Rs.32.00 lakhs has already been granted as assistance to Meghalaya State Housing Board during the 7th Plan period. During 1990-91 an amount of Rs.64.00 lacs has been provided for the purpose.

**10.7.7. Subsidy on the building materials and interest on loan of M.H.S.B. for EWS/LIG Scheme :—**The approved 7th Plan outlay was Rs. 6.00 lakhs, Rs. 115.50 lakhs will be utilised during the 7th plan period for this purpose covering 1800 families.

**10.7.8. Assistance to District Councils for preparation of Individual land ownership documents for applicants under Meghalaya State Housing Policy :—**No. plan allocation was originally made as the scheme was introduced during 1988-89. Rs. 5.00 lakhs has been provided in the budget of 1989-90 and it is anticipated that the entire amount will be utilised during the current financial year for grant-in-aid to the three District Councils for appointments of Revenue Officer, specifically for preparing land documents for housing schemes. Rs. 4.00 lakhs has been provided for 1990-91 under the scheme.

**10.7.9. Rental Housing Scheme :—**Against an approved plan outlay of Rs 12.00 lakhs for construction of 10 Nos MIG, 8 Nos LIG and 35 Nos EWS housing units, the allocation was later revised to Rs. 30.00 lakhs for construction of 37 Nos. MIG, 21 Nos. LIG and 88 Nos. EWS housing units. During the first four years Rs. 16.13 lakhs has been utilised for construction of 8 Nos. MIG, 4 Nos. LIG and 14 Nos. EWS units. During 1989-90 Rs. 3.00 lakhs has been provided in the budget and it is anticipated that Rs. 5.00 lakhs will be utilised for construction of 1 No. LIG and for providing various services to the completed houses.

**10.7.10. Departmental Building :—**Rs. 18.00 lakhs had been approved as plan outlay for acquisition of 5165 Sq. m. of land and for construction of 11 Nos. of staff quarters. During the first four years Rs. 11.04 lakhs has been utilised. During 1989-90, the plan outlay of Rs. 5.60 lakhs has been provided and it is anticipated that Rs. 3.00 lakhs will be utilised for completing the remaining works on 3 Nos. staff quarters and providing services to five complex houses at Tura and Williamnagar.

**10.7.11. Low Income Group Housing Scheme :—**Against an approved plan outlay of Rs. 57.00 lakhs for giving loans to 228 families Rs. 31.55 lakhs has been utilised during the first four year, covering 188 families. During 1989-90, Rs. 2.00 lakhs has been provided in the Budget against which Rs. 3.00 lakhs is being spent for giving loan to 12 families.

**10.7.12. Middle Income Group Housing Scheme.—**Against an approved plan outlay of Rs. 64.00 lakhs for giving loans to 128 families, Rs. 83.13 lakhs was utilised during the first four years benefiting 224 families. During 1989-90, Rs. 10.00 lakhs has been provided in the budget and it is anticipated that Rs. 6.00 lakhs will be spent for giving loans to 13 families. During 1990-91 the scheme will be covered by institutional Finance.

**10.7.13 High Income Group Housing Scheme.—**This scheme is covered by Institutional Finance.

**10.7.14. Loan under the EWS. Housing Scheme.—**During the 7th plan period an amount of Rs. 10.00 lakhs had been approved for giving loans to 100 families. The Scheme was discontinued from 1988-89 as people were not interested in the scheme.

10.7.15. **Construction of houses for Economically Weaker Section of the Community.**—Rs 15.00 lakhs was approved for construction of 99 EWS houses during the plan period. During the first four years Rs.20.44 lakhs was spent for constructing 120 EWS houses. During 1989-90, Rs.10.00 lakhs has been provided in the Budget and it is expected that Rs.6.00 lakhs will be spent for construction of 36 units of EWS houses.

10.7.16. **Provision on Developed plots on hire Purchase (Land Acquisition and Development).**—Rs.10.00 lakhs was allocated as plan outlay for this scheme for development of 12.500 Sq. m. of land and for acquiring 5000 Sqm of land. During the first four years Rs.15.59 lakhs was spent for development of land. During 1989-90 Rs.10.00 lakhs has been provided in the budget and it is anticipated that Rs.7.00 lakhs will be utilised for the purpose.

10.7.17. **Construction of Night Shelter.**—No provision was originally made in the plan period as the scheme was started only during 1987-88. Rs.2.00 lakhs has so far been utilised during the 7th Plan period for constructing 1. Night shelter and providing services at Willamnagar Rs.9.50 lakhs has been earmarked 1990-91 for the constructing of 2 Night shelters.

10.7.18. **Loan cum-Subsidy for EWS/LIG under the Meghalaya State Housing Policy**—No plan outlay was originally provided for the 7th Plan for this scheme which was adopted during 1988-89 after the Meghalaya State Housing Policy was adopted during April, 1988. Under this scheme, subsidy to the extent of 35 per cent of the cost of cement, C.G.I. sheets and rods required as per approved Model House is to be given to the EWS and LIG people. The balance is to be raised from Financial Institutions as loan and will be advanced as loan at subsidised interest of 3 per cent to EWS and 6 per cent for the LIG people in the State. The estimated cost of the Model House is Rs.27,500 of which Rs4,125 is the estimated materials subsidy and Rs.23,335 is the estimated quantity of loan per unit. During 1988-89 Rs.1,61,70,100 was utilised for the scheme benefiting 600 families. During 1989-90, Rs.165.50 lakhs was provided in the budget and it is anticipated that Rs.10.00 lakhs will be spent for giving material and interest subsidy to 1800 EWS and L.I.G. families. During 1990-91, an amount of Rs.137.48 lakhs is being proposed as subsidy and Rs.576.00 lacs as loan portion for covering 2400 Nos. of LIG/EWS families.

10.7.18. **Building Centre.** This is a new scheme to be introduced in the first year of the Eighth Plan period 1990-95. The plan provision for the purpose is Rs.6.00 lacs.

10.7.00. The Government have decided in principle to merge the Directorate of Housing with the Meghalaya State Housing Board in order to strengthen the Board and have a strong unified organisation for implementation of the Housing Schemes. The modalities are being worked out and it is expected that the merger will take effect at the beginning of the next financial year.

10.7.21. **20 Point Programme:**—(1) Construction assistance is being given to eligible applicants under 2 schemes *viz.*, (i) Rural Housing scheme and (ii) Loan cum-Subsidy Housing Scheme for EWS/LIG people. During the first four years of the plan and amount of Rs.169.75 lacs was utilised for benefiting 997 families. An amount of Rs.169.50 lacs was provided for the purpose for the Annual Plan 1989-90, and the anticipated expenditure is Rs.148.19 lacs covering 2400 family beneficiaries,



## STATEMENT I

### Outlay And Expenditure

Head Of Development : HOUSING (GENERAL)

Programme	Seventh Plan (Outlay)	Actual Expenditure				Approved outlay 1989-90	Anticipated Expenditure 1989-90	1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89			
1	2	3	4	5	6	7	8	9
<b>CONTINUING SCHEMES :</b>								
1. Rural Housing Scheme ...	4.00	1.96	2.96	3.13	NIL	4.00	38.19	33.00
2. Direction and Administration ...	10.50	5.13	3.31	4.87	8.00	22.90	23.00	0.01
3. Training ...	0.50	...	0.06	...	...	0.10	NIL	0.01
4. Assistance to Meghalaya State Housing Board.	18.00	3.00	4.20	5.00	8.00	12.00	12.00	64.00
5. Subsidy on the Building materials and Interest on Loans under Loan-Cum-Subsidy Assistance to EWS/LIG people under Meghalaya State Housing Policy.	6.00	...	...	...	...	...	...	137.48
7. Assistance to District Councils for preparation of Individual land ownership documents for applicants under Meghalaya State Housing Policy.	...	...	...	...	...	5.00	5.00	4.00
8. Rental Housing Scheme ...	12.00	4.62	4.00	4.00	3.51	3.00	5.00	Fund to be raised from Financial Institutions.
9. Departmental Residential Building.	18.00	2.15	3.30	2.08	4.51	5.00	3.00	Discontinued from 8th Plan.
10. Low Income Group Housing Scheme	57.00	2.78	10.48	11.78	6.51	2.00	2.73	—Do—

	1	2	3	4	5	6	7	8	9
11. Middle Income Group Housing Scheme.	64.00	24.31	17.07	22.96	18.79	10.00	6.00		Fund to be raised from Financial Institution.
12. Loans under EWS Housing Scheme.	10.00	...	...	..	...	...	...		Discontinued from 8th Plan.
13. Construction of houses for EWS of the community.	15.00	3.87	3.66	4.91	8.00	10.00	6.00		Do.
14. Provision on Development plots on Hire purchase (Land Acquisition and Development).	10.00	1.49	5.73	3.37	5.00	10.00	7.00		Fund to be raised from Financial Institution.
15. Construction of Night shelter for houseless people of EWS of the Community.	...	...	..	0.50	1.00	0.50	0.50		9.50
16. Loans-cum-Subsidy for EWS/LIG under Meghalaya State Housing Policy.	...	..	..	...	161.70	165.50	110.00		Fund to be raised from Financial Institution.
<b>TOTAL :</b>	<b>225.00</b>	<b>49.31</b>	<b>54.77</b>	<b>62.60</b>	<b>225.02</b>	<b>250.00</b>	<b>218.42</b>		<b>248.00</b>
<b>NEW SCHEMES</b>									
1. Building Centre	...	...	...	...	...	...	...		6.00
<b>GRAND TOTAL :</b>	<b>225.00</b>	<b>49.31</b>	<b>54.77</b>	<b>62.60</b>	<b>225.02</b>	<b>250.00</b>	<b>218.42</b>		<b>254.00</b>

## PHYSICAL STATEMENT

Head of Development : HOUSING (General)

I T E M	Unit	A C H I E V E M E N T				1989-90		Target 1990-91
		1985-86	1986-87	1987-88	1988-89	Target	Anticipated Achievement	
1	2	3	4	5	6	7	8	9
<b>CONTINUING SCHEMES :</b>								
1. Rural Housing Scheme.	No. of families	97	150	150	Nil	200	200	600
2. Training	No of trainees	..	...	...	...	2	2	...
3. Rental Housing Scheme.	...	Over 60% completed on units MIG 4 units of EWS Houses	8 Unit MIG 4 Units EWS	LIG-5 Nos EWS-10 Nos	LIG-5 Nos EWS-10 Nos	MIG-2 Nos LIG-2 Nos EWS-8 Nos	MIG-2 Nos LIG-2 Nos EWS-8 Nos	MIG- 8 MIG - 30 & LIG--70
4. Departmental Residential building.	...	Construction of retaining wall, boundaries/pillars, drain etc. paid the balance for purchasing one plot of land at Kench's Tracce.	1. Septic-tank 4 Nos Latrine. 4 Nos chowkidar shed and 2 Nos Grade-IV quarters.	4 Nos staff quarters 2 Nos chowkidar shed 2 Nos Pit latrine.	Construction of 4 Nos staff quarters.	950 m Acquisition 3 Nos staff quarters.	2 950 m Acquisition 3 Nos staff quarters.	108 Discontinued from 8th Plan.
5. Low Income Group Housing Scheme.	No. of tenements	18	70	74	26	7	7	Discontinued 8th Plan. from
6. Middle Income Group Housing Scheme.	Do.	61	60	61	42	22	22	Do.
7. Construction of houses for EWS of the Community.	Do,	33	33	43	36	66	66	Discontinued from 8th Plan.

1	2	3	4	5	6	7	8	9
8. Provision on Development plots on hire purchased (Land Acquisition & Development).	...	Construction of boundary fencing at Jowai and Tura Water tank drain pipe line footpath etc. at Lalchand Basti scheme, Shillong.	Development of land	Development of land	Development of land at Nongmynsong.	50,000 m <sup>2</sup> 20,000 m <sup>2</sup> Development.	59,000 m <sup>2</sup> 20,000 m <sup>2</sup> Development.	Acquisition of 7 Nos of land and Development the building sites which shall be allotted to eligible Meghalayans on 50% loan with repayment period of 5 years.
9. Construction of Night shelter for houseless people of EWS of the Community.	...	...	...	Part payment for construction of Night shelter at Williamnagar	1 No. house completed at Williamnagar.	1 No.	1 No.	2 Nos
10. Loan-Cum-Subsidy Assistance for the EWS/LIG under New Housing Policy,	...	...	...	...	600	1800	1800	2400

## 10.8. POLICE HOUSING

10.8.1 The total approved outlay for the Seventh Plan period (1985-86 to 1989-90) for Police Housing Sector is Rs. 640.00 lakhs. However the actual annual plan allocation for the Five Year period are as under :—

Year	Approved Outlay (Rs. lakhs)	Actual Expenditure (Rs. lakhs)
1985-86	200.00	200.00
1986-87	215.00	215.00
1987-88	284.00	284.00
1988-89	300.00	300.00
1989-90	307.00	307.00(anticipated)
<b>Total:—</b>	<b>1306.00</b>	<b>1306.00</b>

10.8.2 The physical targets and achievements during the Seventh Plan (1985-90) are as follows—

Targets for Housing Units	Seventh Plan Targets
(1) Gazetted Officers family quarters	17 Units
(2) Upper Subordinate family quarters	194 Units
(3) Lower Subordinate family quarters	1661 Units
<b>Total :—</b>	<b>1872 Units</b>

**Achievements 1985-1990**

	G/O	U/S	L/S	Barrack
1985-86	6	40	130	180
1886-87	3	28	172	72
1987-88	2	34	192	...
1988-89	...	...	...	...(No constructions taken up)

**10.8.3 Targets & Achievements for Police Administrative Building up to 1988-89—**

- 1985-86 (a) 1st Phase D. T. S. Building.
- (b) 1st Phase Quarter Guard and Armoury at 2nd MLP Battalion.
- (c) 1st Phase Quarter Welfare Centre and Community Hall at 2nd MLP Battalion.
- (d) Provincial Store at 1st MLP Battalion.
- (e) Extension of Quarter Guard and Rifle Kote at 1st MLP Battalion.
- (f) Room for Reserve Inspector at 1st MLP Battalion.

1986-87 to } No Administrative Buildings were taken up during  
1987-88 } 1986-87 and 1987-88.

1988-89 (1) Construction of the D. G. & I. G. P's Office (First phase). An amount of Rs. 5.00 lakhs earmarked in the P. W. D. Budget, 1988-89.

(2) The balance amount of Rs. 295.00 lakhs was utilised as follows:—

(a) Rs. 83.87 lakhs for meeting the shortfall of the 90% advance already paid the MGCC in respect of the construction work taken up during the period of the 8th Finance Commission (1985-86 to 1987-88).

(b) Rs. 211.13 lakhs for meeting the shortfall of the 90% advance in respect of buildings taken up under the 7th Finance Commission and the State Plans during 1982-83 to 1987-88.

10.3.4 Annual Plan 1989-90 :—The approved outlay of Rs. 307.00 lakhs for the current year (1989-90) is being utilised as follow :—

(1) Amount of Rs. 25.00 lakhs meant for the Construction of the D. G. & I. G. P.'s Office Building during 1989-90 will be diverted towards other construction programmes.

(2) Construction of the Fire Service Building, Nongbhyrmai F. S. for Rs. 20,00,000.00

	(Rs. lakhs)
(3) S. P. Residence, Nongstoin ...	9.45
(4) D. S. P's Residence, Nongstoin ...	5.25
(5) 3 Units Assistant Commandant's at 1st M.L.P. Battalion. ...	14.25
(6) S.P's Residence, Williamnagar. ...	6.65
(7) Dy. S.P. Residence, Williamnagar...	5.10
(8) 3 flats for D.S.P. at Shillong Police Reserve. ...	14.00
(9) S. D. P. Office, Khliehriat (Shown as Dy. S. P. Residence) ...	5.30
(10) S. D. P. Office, Baghmara (Shown as Dy. S. P. Residence) ...	4.52
(11) 4 Units S.P's flats at MPRO Training Centre. ...	27.46
(12) U/S 4 Units and L/S 6 Units ...	13.66
(13) Extension of AIG's Residence, etc. ...	2.56

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Total from 1 to 13 ... Rs. 153.20 lakhs

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The Balance amount of Rs, 1513.80 lakhs under the State Plan during 1989-90 will be spent for the payment of final bills of the M. G. C. C. in respect of the completed works of the Police Housing sector.

**10.8.5 Annual Plan 1990-91:**—The approved outlay for Police Housing for the year 1990-91 is Rs. 307.00 lakhs. The outlay is proposed to be utilised for the construction of the following Building

- (a) 113 (one hundred thirteen) Housing units.
- (b) D. G. P's Office.
- (c) S. P's Office, Tura.
- (d) S. D. P. O's Office Mairang.
- (e) P. S. Building—5 Units.
- (f) F. S. Buildings—5 Units.
- (g) Police Hospital.

**10.8.6** The outlay and expenditure in respect of Police Housing Sector is indicated at Statement I while the selected physical target and achievements are indicated in Statement—II.

**STATEMENT I**

**Outlay And Expenditure**

Head of Development: HOUSING (Police Housing)

(Rs.in lakhs)

Programme	Seventh Plan (Outlay 1985-90)	Actual Expenditure				1989-90		1990-91 outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
1. Police Housing Schemes ...	640.00	200.00	215.00	284.00	300.00	307.00	307.00	307.00

**STATEMENT II**

**Physical Target And Achievements**

Head of Development: POLICE Housing

Item	Unit	Seventh Plan Target	Achievements				1989-90		Target 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9	10
1. Housing Units ...	Nos.	1872	176	203	224	...	26	26	113



## 10.9 HOUSE BUILDING ADVANCE TO STATE GOVERNMENT EMPLOYEES

10.9.1 The approved outlay for the Seventh Plan (1985-90) for House Building Advance to the State Government Employees is Rs. 175.00 lakhs. The actual expenditure up to the end of the fourth year of the Seventh Plan, *i e.*, 1988-89 was Rs.394.20 lakhs. The approved outlay for the current year (1989-90) is Rs.100.00 lakhs and this has already been spent in full.

10.9.2 There are thousands of pending applications in the Finance (APF) Department for Building Advance but due to shortage of funds, these could not be cleared. Moreover, keeping in view the escalation in the costs of construction materials and labour, the State Government has enhanced the entitlement of Building Advance. As per the enhanced rate in force at present, the minimum and the maximum entitlements are Rs.61,500 and Rs.2,00,000 respectively.

10.9.3 **Annual Plan 1990-91.**—The approved outlay for House Building Advance to State Government employees for the year 1990-91 is Rs.150.00 lakhs only. With this outlay of Rs.150.00 lakhs, only a few of the pending applications of the State Government employees will be able to be cleared. Taking at an average of Rs.1.00 lakh per beneficiary, it is anticipated that at least 150 (one hundred fifty) pending applications will be able to be cleared during the year 1990-91. This will imply that a large number of applications of the Government employees including the newly incoming applications will not be able to be considered during 1990-91 due to shortage of funds.

10.9.4. Table I below indicates the expenditure and the number of beneficiaries for House Building Advance to State Government Employees.—

TABLE I

Year	Expenditure (Rs. lakhs)	No. of beneficiaries
1985-86	45.00	219
1986-87	115.66	550
1987-88	123.54	620
1988-89	110.00	550
1989-90	100.00	150(provisional)
1990-91	50.00 (agreed outlay)	150(anticipated)

## 10:10: URBAN DEVELOPMENT

10:10:1 The Department of Urban Development has been making efforts for preparation of Development Plans of all the Towns and Subdivisional head quarters in the State. In order to control the haphazard growth, suitable legislative measures have been taken and the Acts adopted by Meghalaya have been extended to the entire State. The Assam T and CP Act 1959 is now in force. The Slum clearance Act of Assam has also been extended.

10:10:2 The Centrally Sponsored Scheme of Integrated Development of Small and Medium Towns, in all the three towns of Shillong, Jowai and Tura are in progress. Environmental improvement of slum scheme is being implemented satisfactorily.

10:10:3 **Seventh Plan Outlay and Expenditure.**—The approved outlay for Urban Development sector in the Seventh Plan is Rs.400 lakhs. The anticipated expenditure for the Five Year period is Rs.586 lakhs

10:10:4 **Programmes taken up in 1989-90.**—A total provision of Rs.192.00 lakhs was provided for 1989-90. The entire outlay is being utilised for the following schemes:—

1. Direction and Administration.
2. Preparation of Base maps and Master Plans.
3. Training of Town Planning personnel.
4. Construction of departmental buildings.
5. Infrastructure and development.
6. Urban Basic Service Schemes.
7. Environmental Planning for rural centres.
8. Assistance to local bodies.
9. Environmental Improvement improvement, of Slum areas.
10. Integrated development of small and Medium Towns.

10:10:5 **Minimum Needs Programme.**—Environmental Improvement of Slum area is a Minimum Need Programme under the 20 Point Programme. An amount of Rs.20.00 lakhs has been provided during the current year and the expected number of beneficiaries is 7000 persons.

10:10:6 **Programmes for 1990-91.**—Various Schemes of the department which are being implemented during the current year will be continued including Nehru Rosgar Yojana in Urban Area. The Scheme on Environmental Improvement of Slum Areas Under implementation in Shillong, Jowai and Tura, will be extended to other areas of the State with a view to providing civic amenities in slum areas. The approved outlay for 1990-91 is 275 lakhs.

10:10:7 Traffic congestion in the State has become an acute problem and it is for the first time that a scientific study has been undertaken by the National Transportation and Planning Automation Centre. Trivandrum and the interim report has been received. The short term measures for easing traffic congestion proposed in the report is being examined.

10:10:8 Various Schemes for providing the basic amenities like street lighting, drainage system, parking places, improvement of roads and footpaths, etc., have been taken up and will continue during the year 1990-91.

10:10:9 In all the Schemes, the department has not lost sight of the environmental conservation and this factor is built into all schemes.

10:10:10 Schematic outlays are shown in Statement I while the Physical targets are shown in Statement II.

## Schematic Outlay and Expenditure

Head of Development:—Urban Development.

(Rs. in lakhs)

Programme	Seventh Plan Outlay 1985-96	Actual Expenditure				1989-90		1990-91 Outlay
		1985-86	1986-87	1987-88	1988-89	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
Continuing Schemes—								
1. Integrated Development of Small and Medium Towns	105.00	10.00	13.00	12.01	26.06	25.60	25.00	24.00
2. Slum Improvement/Clearance scheme in congested town areas.	120.00	12.62	18.04	16.62	19.97	20.00	20.00	40.00
3. Infrastructure and Development .. .. .	40.00	8.61	5.39	48.61	101.45	102.00	102.00	157.00
4. B. P. R. C. ... .. .	15.00	3.52	3.35	2.00	3.48	3.00	3.00	...
5. Urban Basic Service Scheme ... .. .	...	...	...	1.00	0.62	5.00	5.00	3.00
6. Nehru Rozgar Yojana ... .. .	...	...	...	...	...	...	...	10.00
7. Preparation of Base Map ... .. .	5.00	0.77	...	...	0.05	1.00	1.00	4.50
8. Preparation of Master Plan ... .. .	5.00	Nil	0.10	1.17	0.98	2.00	2.00	10.00
9. Direction and Administration ... .. .	28.00	0.12	1.65	1.61	3.62	5.60	5.60	5.00
10. Training .. .. .	2.00	0.25	0.19	0.21	0.30	0.40	0.40	0.50
11. Assistance to local bodies ... .. .	...	...	..	..	..	6.00	6.00	10.00
12. Construction of departmental buildings ... .. .	80.00	10.49	11.00	15.40	40.20	22.00	22.00	11.00
13. Construction and maintenance of departmental buildings.	...	0.18	...	...	..	...	..	...
Total .. .. .	400.00	46.56	52.72	98.63	196.73	192.00	192.00	275.00

## STATEMENT II

### Physical Targets and Achievements

Head of Development:—Urban Development.

(Rs. in lakhs)

Item	Unit	Seventh Plan Target	Achievements				1989-90		Target 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated achievement	
1	2	3	4	5	6	7	8	9	10
1. Town and Regional Planning—									
(a) Master Plan prepared ... ..	Nos.	5	..	1	1	...	1	1	1
(b) Regional Plans prepared .. ..	Nos.	..	...	...	...	1	...	...	...
2. Environmental improvement of slum--Mini- mum Needs Programme.									
(a) Persons benefited ... ..	Nos.	30,000	6,452	7,824	5,538	6,657	7,000	7,000	8,000
3. Preparation of Base Map ... ..	Nos.	3	2	-	...	1	2	2	...
4. I. D. S. M. T. ... ..	Nos.	7	1	3	2	2	5	(5)	3
5. Infrastructure and Development ... ..	Nos.	...	18	15	23	57	55	50	42
6. E. P. R. C. ... ..	Nos.	15	8	7	...	...	1	1	...
7. Urban Basic Service Scheme ... ..	Nos.	...	..	..	3	2	5	5	6
8. Nehru Rozgar Yojana .. ..	Nos.	...	...	...	...	...	..	...	10
9. Training ... ..	No. of trainees.	4	4	1	3	1	1	1	...
10. Construction of departmental buildings..	No. of buildings.	16	5	2	3	2	4	4	(4)
11. Environmental protection and development	No. of Scheme.	..	1	18	621	343	65	65	...

## 10.11. INFORMATION AND PUBLIC RELATIONS

10.11.1. The Information and Public Relations Department play a very important role in educating the people and involving them in collaboration with the official agencies in implementing of developmental programmes of the Government. The Department has offices in all District Head quarters and in the Subdivisional Head quarters at Baghmara/Nongpoh/Mairang/Amlarem/Resubelpara/Sohra.

10.11.2. During 1990-91, the Department proposes to strengthen its information and Publication Wing, establish new Subdivisional Information and Public Relations offices at Khliehriat and Ampati, sponsor 2 (two) candidates for undergoing Post Graduate Diploma course in Mass Communication, organise Press conducted Tours, produce a documentary film in Meghalaya and construct its own departmental office at Shillong.

10.11.3. For this purposes an amount of Rs. 100.00 lakhs under Annual Plan 1990-91 has been provided for continuation and intensification of the Department's Plan schemes.

10.11.4. Schematic details are given in the following two statements.

**STATEMENT—I**

**Outlay and Expenditure**

Head of Development : INFORMATION AND PUBLIC RELATIONS

(Rs. in lakhs)

Sl. No.	Programme	Seventh Plan outlay	Actual Expenditure				1989-90		1990-91 outlay
			1985-86	1986-87	1987-88	1988-89	Approved outlay	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9	10
Continuing Schemes									
1.	Direction and Administration	35.00	6.27	1.90	3.48	5.67	10.02	10.02	10.00
2.	Research and Training in Mass Communication ...	...	..	..	...	...	1.00	..	2.00
3.	Advertising and Visual Publicity	20.00	18.23	8.73	8.83	11.48	13.34	13.34	30.00
4.	Press information services	...	...	...	...	...	1.00	1.00	3.00
5.	Field Publicity	1.50	...	0.37	1.23	...	1.64	1.64	4.00
6.	Film	3.00	...	...	...	...	...	...	...
7.	Publication	0.50	...	...	...	...	3.00	1.15	36.00
8.	Other Expenditure	...	10.82	...	...	...	...	...	15.00
<b>Total</b>		<b>60.00</b>	<b>35.32</b>	<b>11.00</b>	<b>13.54</b>	<b>17.15</b>	<b>30.00</b>	<b>27.15</b>	<b>100.00</b>

## STATEMENT—II

### Physical Statement

Head of Department:—Information and Public Relations

Sl.No.	Item	Unit	Seventh Plan Target	Achievement				1989-90		Target 1990-91
				1985-86	1986-87	1987-88	1988-89	Target	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9	10	11
1	Strengthening of the Directorate	... Nos.	35	...	32	...	...	3	3	16
2	Setting up of New Subdivisional Information and Public Relation Service.	Nos.	6	..	1	1	1	...	...	2
3	Sponsoring of local youth for post graduate Diploma Course Mass Communication and Video Film Production.	Nos.	3	...	...	...	...	...	...	2
4	Purchase of Video Projection System for the Department.	Nos.	...	...	...	...	...	...	...	7
5	Setting up of Rural Integrated Information Centres.	Nos.	25	...	15	...	5	5	5	26
6	Organising of Multi-Media Publicity campaign in the Rural Integrated Information Centres.	Nos.	300	50	50	50	57	60	60	26
7	Organising of State/District Level Exhibition	Nos.	30	...	...	...	16	12	12	14
8	Participation in International/national Exhibition, Fairs and Republic Day Tableaux.	Nos.	...	...	...	...	...	...	...	3



1	2	3	4	5	6	7	8	9	10	11
9	Production of Video Film on Plan Programmes and achievement of the Government.	Nos.	...	...	...	..	...	...	...	2
10	Organising of Press Tour for the local Press Representatives/Editors.	Nos.	...	...	...	..	...	...	...	2
11	Installation of fixed loud speaker system	Nos.	10	...	3	..	..	..	..	2
12	Creation of post of linemen	Nos.	8	...	..	...	...	8	...	8
13	Production of publication	Nos.	...	...	...	...	...	...	...	85
14	Creation of post of Information Assistant	Nos.	...	...	...	...	...	11	...	13
15	Production of documentary film (16 mm)	Nos.	1	...	...	...	...	...	...	1
16	Construction of Studio	Nos.	...	...	...	...	...	..	...	...
17	Setting up of Exhibition Wing	Nos.	1	...	...	...	...	...	...	...
18	Setting up of Video Programme production Unit.	Nos.	1	...	1	...	...	...	...	..
19	Acquisition of land for setting up of a T. V. Station.	Nos.	1	1	...	...	...	...	...	...
20	Construction of Departmental Office Building	Nos.	..	...	...	...	...	..	...	1

**10.12 WELFARE OF SCHEDULED CASTES, SCHEDULED TRIBES AND OTHER BACKWARD CLASSES.**

10.12.1. There is only one scheme *viz.* "The All India Services Pre-examination Training Centre" which is in operation in the State under Welfare of Scheduled Castes/Tribes and other Backward Classes Programme. This is a Centrally Sponsored Scheme with 50% Central Share and 50% State Share. The intake capacity of the centre is 50 trainees, drawn from the States of North Eastern Region and the States of Gujrat, West Bengal, Madhya, Pradesh, Bihar, Orissa and Sikkim. A good number of candidates trained in this centre have been sent for appearing in the Civil Service preliminary Examination and a few of them qualified for sitting in the final examination. Though the numbers of candidates finally selected for different central services are less, but the centre has created much potentialities for securing employment by the candidates trained in this centre, in other services of State Governments, Bank and Public Sector and Private Sector Organisation.

10.12.2. An outlay of Rs.5.00 lakhs was approved as State Share for running this centre during the Seventh Plan period. The year-wise allocations and expenditure are as follows:—

Year	Annual Plan Allocation (Rs. lakhs)	Expenditure (Rs. lakhs)
1985-86	1.00	0.50
1986-87	1.00	0.50
1987-88	1.50	0.54
1988-89	2.00	1.55
1989-90	2.00	2.00

An outlay of Rs.2.00 lakhs is approved for 1990-91 for maintenance of this centre.

**10.13. LABOUR WELFARE**

10.13. 1. The approved outlay for Labour Welfare for the Seventh plan period is Rs 12.60 lakhs. During 1989-90 the approved outlay is Rs.4.00 lakhs and the entire amount is anticipated to be utilised by the end of the year. An amount of Rs.4.25 lakhs is earmarked for 1990-91.

10. 13. 2. The schemes implemented during 1989-90 are:—

1. Strengthening of the Administrative and the Enforcement Machineries.

2. Establishment of Labour Welfare Centres.

3. Construction of office Buildings/residential quarters at Tura.

All these schemes will be continued during 1990-91. Schematic details of expenditure outlay are given in the following statement.

**STATEMENT—I**  
**OUTLAY AND EXPENDITURE**

Head of Development : LABOUR AND LABOUR WELFARE

(Rs. in Lakhs)

Programme	Seventh Plan Outlay 1985-90	Actual Expenditure				1989-90		1990-91
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipated Expendi- ture.	
1	2	3	4	5	6	7	8	9
<b>CONTINUING SCHEMES—</b>								
1. Strengthening of the Adminis- trative and the enforcement machinery.	2.00	...	...	..	...	1.40	1.40	3.00
2. Establishment of Labour Wel- fare Centres.	5.00	0.50	1.00	1.20	1.30	1.60	1.60	1.25
3. Construction of Office building/ Residential quarters at Tura.	5.00	...	..	..	...	1.00	1.00	...
<b>TOTAL</b>	<b>12.00</b>	<b>0.50</b>	<b>1.00</b>	<b>1.20</b>	<b>1.30</b>	<b>4.00</b>	<b>4.00</b>	<b>4.25</b>

## 10. 14. EMPLOYMENT AND CRAFTSMEN TRAINING

10.14.1. The approved outlay for the Seventh Plan period for Employment and Craftsmen Training Sector is Rs.53 lakhs. The anticipated expenditure for the plan period is Rs.79.89 lakhs. The provision in 1989-90 is Rs.26 lakhs which is being utilised in full. An amount of Rs.52.75 lakhs has been earmarked for this sector for 1990-91.

10. 14. 2. **Achievement during the Seventh Plan Period.**— The State Employment Market Information unit has been strengthened by creation of a paraphetic team, 2 Subdivisional Employment Exchanges have been set up at Sohra and Resubelpara, 1 Employment Information and Assistant Bureaux has been set up at Mawkyrwat, 1 Vocational Guidance Unit has also been set up in the District Employment Exchange at Tura. These will be made functional in the next year. With a view to providing coaching and guidance facilities to unemployed educated youth belonging to SC/ST a Coaching-cum-Guidance Centre has since been set up at Shillong. An Employment Market Information Unit has also been set up in the District Employment Exchange Office at Nongstoin. The construction of the Employment Exchange Building at Williamnagar has been completed and another building for Tura is under construction.

10.14.3 Under the Training Programmes, the new trades of Machanic (Radio and T. V.) and a Typing course have been introduced in the I. T. I., Shillong, with intake capacity of 16 and 10 respectively. A new trade in plumbing with intake capacity of 16 has been introduced in the I. T. I., Tura. The construction of the I. T. I. Building has since been taken up and the first phase works will be taken up in the next year. At present the institute is functioning in rented house and only typing course has been introduced there. Other trades will be introduced when the buildings are completed.

10.14.4 Under the C. S. S. Schemes upgradations of I. T. I., Tura and Shillong have been done in the last two years through replacement of machinery. An I. T. I. for women at Shillong has been set up and the trade of dress making has been introduced in 1988-89. A cell for dealing in matters relating to physically handicapped has been set up in the Divisional Employment Exchange in Shillong and also a Self Employment Cell in the Jowai Exchange has been set up.

10.14.5. The Programmes for 1990-91, implemented by this Sector are briefly given below:—

### I. EMPLOYMENT—

10.14.6. **Strengthening of the Directorate.**—With the increase in the number of I. T. Is. and Employment Exchanges in the State the Directorate is required to be further strengthened for overseeing the works of the Employment Exchanges.

10.14.7. **Resource and Man-power Cell.**—This is a new scheme proposed for 1990-91 with a view to ascertaining employment status in the rural areas.

10.14.8. **Construction of Employment Exchange Building.**—The scheme for construction of Employment Exchange office building at Tura has been taken up during the Seventh Plan and will be continued during the 8th Plan.

10.14.9. **Construction of office building of Directorate and Other District offices in Shillong.**—The Department have no office building of its own at Shillong. It is proposed to construct an office building in Shillong to accommodate District Office also in Shillong.

10.14.10. **Setting up of Subdivisional Employment Exchanges.**—Three Employment Exchanges in three Subdivisional head quarters, *viz.* Nongpoh, Mairang and Ampati are proposed to be set up during the year 1990-91 by upgrading the existing E. I. & A.B.s.

10.14.11. **Employment Marketing Information Unit at Williamnagar.**—The District Employment Exchange at Williamnagar has no Statistical Cell. The Unit is going to be set up during this year for compiling and collecting Employment statistics in the District of East Garo Hills.

10.14.12. **Employment Information Assistant Bureau**—Three Bureaux are going to be set up at Pynursla, Amlarem and Dadengiri. These Bureaux will provide extension of Employment Exchange facilities to the rural areas.

10.14.13. **Vocational Guidance Unit.**—This unit is proposed to be set up in District Employment Exchange, Williamnagar. The function of the unit will be to provide vocational Guidance to youths and job-seekers. The Vocational Guidance Unit at Tura is proposed to be strengthened with an officer to man the unit of the Exchange.

10.14.14. **Divisional Employment Exchange, Shillong.**—It is proposed to strengthen the Divisional Employment Exchange, Shillong, by appointing a Senior Officer who will be responsible for inspection of Employment Exchange and undertake all other function hitherto attached to the post of Employment Officer, Shillong;

## II. Training.

10.14.16. **Construction Building for I. T. I. Jowai.**—The construction of the I. T. I., Building at Khliehtyrshi will spill-over from the 7th Plan. The expenditure on construction of the Building up to 7th Plan is Rs.10.50 lakhs and for next year, Rs.10.00 lakhs has been earmarked for purpose. The total estimate of the work is for Rs.67.00 lakhs.

10.14.17. **Introduction of new trades.**—The new Trades of Surveyors and Plumber are to be introduced in I. T. I., Shillong.

10.14.18. **Setting up of New I. T. I.**—Two new I. T. Is. are going to be set up in the District Head Quarter at Williamnagar and Nongstoin.

**Centrally Sponsored Scheme.**

10.14.19. **Introduction of New Trades in I. T. I. for Women at Shillong** was implemented during the 7th Plan. The Scheme for introduction of New Trade has been proposed to be implemented during the 8th Plan under C. S. S. The pattern of sharing is 50.50 %.

10.14.20. **Equipment Modernisation for I. T. Is.**—This Scheme has been approved by the Government of India to implement under World Bank Assistance. This is to replace old and worn out machineries with modern equipments.

10.14.21. **Audio Visual Aid.**—This Scheme is under World Bank Assistance as approved by the Government of India. The materials will be purchased by the Government of India.

Details of the Scheme are given in the following Statements.

**STATEMENT—I**

**Outlay and Expenditure**

Head of Development:—Employment and Craftsman Training

(Rs. in lakhs)

Programme	7th Plan outlay 1985-90	Actual Expenditure				1989-90		
		1985-86	1986-87	1987-88	1989-89	Approved outlay	Anticipated Expenditure	1990-91 outlay
1	2	3	4	5	6	7	8	9
<b>Employment Service—</b>								
1. Direction and Administration								
(a) Head quarters Establishment	2.37	...	0.47	0.50	0.15	0.15	0.15	0.30
(b) Expansion of Employment Market Information.	1.87	...	0.06	0.39	0.41	0.50	0.50	...
2. Employment Exchanges								
(a) Esstt. of Exchanges in Subdivision	5.43	0.45	0.68	1.10	1.35	1.85	1.85	2.33
(b) Setting up of E.I.A.B ...	1.39	0.06	0.08	0.25	0.28	0.33	0.33	0.80
(c) Employment Exchange, Tura	...	...	...	...	...	...	...	1.30
(d) Esstt. of V.G. Unit in Employment Exchange.	1.69	..	0.17	0.25	0.27	0.33	0.33	0.70
(e) C.G.C. for S/C S/T at Shillong	6.00	..	0.97	1.40	1.40	1.65	1.62	...
(f) Esstt. of Employment Market Infor- mation Unit in Employment Ex- change.	1.10	0.06	0.24	0.20	0.28	0.34	0.34	0.20
(g) Construction of Employment Ex- change, building at Tura.	5.00	...	1.21	1.00	1.00	6.50	6.50	6.00
(h) Employment Exchange, Jowai	3.00	0.16	0.25	0.74	0.85	0.85	0.85	0.50
3. Resource and Manpower Cell ...	...	...	...	...	...	...	...	1.90
<b>Sub-Total (Employment)</b>	<b>27.85</b>	<b>1.88</b>	<b>3.92</b>	<b>5.83</b>	<b>5.99</b>	<b>12.50</b>	<b>12.50</b>	<b>14.00</b>



	1	2	3	4	5	6	7	8	9
<b>Training—</b>									
<b>1. Industrial Training Institutes</b>									
(a) I.T.I. Shillong (Introduction of new trade).	5.95	0.40	1.00	2.15	1.71	1.50	1.50	3.40	
(b) Replacement of Tools and Equipment.	3.00	1.25	1.00	...	..	...	...	...	
(c) Construction of I.T.I. Shillong building.	7.00	4.80	1.45	0.75	...	...	...	...	
(d) Construction and Maintenance of Departmental building (a) for I.T.I. Jowai.	...	...	...	5.50	5.00	7.00	7.00	20.00	
(e) I.T.I. Nongstoin ..	...	...	...	...	..	...	...	5.06	
(f) I.T.I. Williamnagar ..	...	...	...	...	..	...	...	5.05	
<b>4. Training of Craftsmen and supervisors C.S.S. (State share only).</b>									
(a) I.T.I., Tura ..	...	...	...	..	..	..	..	1.57	
(b) I.T.I., Shillong ..	...	...	...	...	...	...	...	1.57	
(c) I.T.I., for women ..	...	...	...	1.974	1.64	2.00	2.00	0.30	
(d) Audio visual Aid ..	...	...	...	...	...	...	...	1.80	
<b>Total Training</b> ...	<b>25.15</b>	<b>6.83</b>	<b>7.52</b>	<b>12.374</b>	<b>10.55</b>	<b>13.50</b>	<b>13.50</b>	<b>38.75</b>	
<b>Grand Total</b>	<b>53.00</b>	<b>8.71</b>	<b>11.44</b>	<b>18.204</b>	<b>16.54</b>	<b>26.00</b>	<b>26.00</b>	<b>52.75</b>	

**Central Sponsored Schemes—**

**1. Training of Craftsman and supervisors**

(a) I.T.I. Shillong	...	...	..	...	...	...	..	...	1.57
(b) I.T.I. Tura	...	...	...	...	..	..	...	...	1.57
(c) Audio Visual Aid	...	...	..	...	...	...	...	...	1.80
(d) I.T.I. for Women	...	...	...	...	1.974	1.64	2.00	2.60	0.30

**Physical Statement**

**STATEMENT II**

**Head of Development—EMPLOYMENT AND CRAFTSMEN TRAINING.**

Item	Unit	Seventh Plan Target	Achievement				1989-90		Target 1990-91
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9	10
<b>43—Labour and Employment—</b>									
<b>1. Craftsmen Training—</b>									
(a) No. of Industrial Training Institute	...	2	1	1	...	1	...	...	2
(b) Intake capacity	Nos.	60	12	12	12	12	12	12	32
(c) No. of persons under going Training	...	...	...	...	10	7	9	9	32
(d) Outturn	...	...	...	...	10	7	9	9	32
<b>(ii) Apprenticeship Training—</b>									
(a) Training places located	...	...	...	...	...	...	...	...	...
(b) Apprentice Trained	...	...	...	...	...	...	...	...	...
(ii) (a) No. of Employment Exchanges	5	2	2	continuing	continuing	continuing	continuing	2	
(b) Employment Information and Assistance Bureau	7	1	1	continuing	continuing	continuing	continuing	3	

## 10.15 SOCIAL WELFARE

10.15.1 Originally Planning Commission approved an outlay of Rs. 200.00 lakhs for 7th Five Year Plan. Ultimately the total Plan allocation went up to Rs. 206.00 lakhs on the basis of annual plan allocations. The year-wise allocations and expenditure were as follows:—

Year	Annual Plan allocation (Rs. lakhs)	Expenditure (Rs. lakhs)
1985-86	30.00	20.32
1986-87	35.00	30.18
1987-88	36.00	22.72
1988-89	45.00	40.68
1989-90	60.00	60.00 (Anticipated)
<b>Total:—</b>	<b>206.00</b>	<b>173.85</b>

It is seen from the above figures that there is a shortfall in expenditure by about Rs. 32.15 lakhs. Under the 7th Five Year Plan, there were proposals for acquisition of land and construction of buildings for Directorate Office, Children's Home, probation hostels, etc. But in the last year of the Plan period only a plot of land measuring about 12 acres could be purchased. No building could be constructed, hence the shortfall in expenditure.

10.15.2 The following are the major programmes under which developmental activities were carried out by the Social Welfare Department during the 7th Plan period:—

(i) **Welfare of Children:**—19 Voluntary Social Welfare organisations are working for welfare of Children in need of care and protection. 525 children have been given food, shelter, clothing, education and Vocational training by these organisations during the 7th Plan period. The activities of these organisations have been strengthened by giving them financial assistance. The Children Home at Shillong is taking care of 25 nos. of Juvenile children on an average per month. This institution is still in the infant stage and functioning in a rented house. Efforts have been made to have a permanent building for the Children Home and to provide all necessary facilities for taking proper care of the children.

(ii) **Welfare of Women**—Three Training Centres at Shillong, Tura and Jowai have been functioning giving training to women in need of care and protection for self employment. The Training is imparted in weaving, tailoring, knitting and embroidery. During 7th Plan period 365 women have been trained in different trades. They are given a stipend of Rs.150.00 P.M. during training period. After completion of training each women is given assistance in kinds worth of Rs.500.00 to enable them to start an independent vocation.

(iii) **Welfare of physically handicapped persons**—Under this programme scholarship is given to physically handicapped students studying upto class IX standard. 247 Nos. of students were covered in the 7th Plan period upto 1988-89.

The target for 1989-90 is 400 students. Prosthetic aid, vocational training to handicapped are being continued. During the plan period 48 handicapped persons were provided with prosthetic aids like artificial limbs crutches, wheel chairs, hearing aids. 309 physically handicapped persons have received training in Bamboo and Cane works, carpentry, knitting and embroidery and book binding.

(iv) **Welfare of Aged, Infirm and Destitutes**—The Mercy Home at Demthring, is taking care of 25 Nos aged, infirm and destitute women. This institution has been provided with financial assistance every year.

10.15.3 (i) **Other Programmes**—30 Nos of voluntary organisations working in the field of child welfare and women welfare have been given financial assistance every year to enable them to continue their activities. The special educational Institutions run by the voluntary organisations for welfare of spastic children at Shillong, Blind Children at Tura and institutions working for the welfare of children in need of care and protection located in different parts of the State are also provided with financial assistance.

(ii) **Education in Social Work**—During 7th Plan period, 27 Officers have been trained in M.A., Social works in Tata Institute of Social sciences, Bombay and Nirmala Niketan, Bombay.

10.15.3. In the annual Plan for 1990-91, all the 7th Plan programmes and schemes will be continued. Only one new scheme viz "Financial Assistance to the Fishermen belonging to scheduled castes and other backward classes in Garo Hills" is proposed for 1990-91. The total outlay approved for Social Welfare for the year is Rs.50.00 lakhs. An outlay of Rs.42.00 lakhs is provided for implementation of the continuing scheme and Rs.8.00 lakhs is proposed for the new scheme.

10.15.5 **Minimum Needs Programme**—There are 20 Nos of Integrated Child Development services projects under operation. During 1989-90, Government of India have sanctioned another 6 projects. These six projects will be operational from the year 1990-91. During the 7th plan period, 80,000 children below 6 years of age and lactating and expectant mothers have been receiving food under this programme in the 20 I.C.D.S. projects and 5200 beneficiaries in Urban areas.

10.15.6. **20-Point Programme** -The I.C.D.S projects are a major welfare measure under 20 Point Programme. Steps have been taken for creating an awerenss among the poor people in the rural areas for improving their living conditions. Nutrition health and nutrition education for mothers, health care, immunisation, pre-education etc., are some of the measures covered under this programme. During 1989-90, 20 Nos of I.C.D.S. projects are in operation. Another 6 I.C.D.S. projects will be made operational during 1990-91.

10.15.7 **Centrally Sponsored Schemes**--The I.C.D.S. project implemented by the departments are Centrally Sponsored Schemes. Under I.C.D.S. projects two training centres for Aganwadi workers at Shillong and Tura with an intake capacity of 50 trainees in each are functioning. These schemes will be continued during 1990-91. Voluntary Social Welfare organisations engaged in the activities for the welfare of children, and women in need of care and protection, physically handicapped, aged, infirm and disabled persons are provided with financial assistance by the Government of India to enable these organisations to carry out their welfare activities.

10.15.8 The programme-wise and scheme-wise outlay and expenditure and the physical achievements made during the 7th Plan period and the proposed outlay and physical targets are indicated in the Statement I and II below.

# STATEMENT I

## OUTLAY AND EXPENDITURE

Head of Development : SOCIAL WELFARE

(Rs. in lakhs)

Programme	Seventh Plan (1985-90) Agreed Outlay	Actual Expenditure				1989-90		1990-91 outlay
		1985-86	1986-87	1987-88	1988-89	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9

**CONTINUING SCHEMES—**

**I. DIRECTION AND ADMINISTRATION**

(a) Headquarters Organisation ...	15.00	2.14	1.99	2.51	3.25	6.00	6.00	1.53
(b) District Social Welfare Offices ...	15.00	1.07	2.00	0.91	1.36	2.00	2.00	2.05
(c) Aquisition of land for the Officer and staff quarters for the Office of the District Social Welfare Officers.	...	...	...	...	...	...	...	3.00
(d) Training of personnels in Social Welfare Works .	4.05	0.19	0.16	0.69	0.60	0.30	0.30	0.80
(e) Training/Research/Seminars/purchase of equipment.	1.75	0.36	0.36	0.26	0.30	0.30	0.30	0.35
(f) Contribution to Meghalaya State Social Welfare Advisory Board.	6.00	0.85	1.25	1.00	2.86	2.00	2.00	0.72
(g) Grant-in-aid to Voluntary Organisations .	...	2.00	...	...	...	...	...	...
(h) Survey in Social Welfare Field ...	...	...	...	...	...	...	...	0.40

## STATEMENT I—contd.

	1	2	3	4	5	6	7	8	9
<b>2. WELFARE OF HANDICAPPED—</b>									
(a) Scholarships to Physically Handicapped	4.65	0.58	0.69	0.62	0.87	0.87	0.87	0.87	1.13
(b) Prosthetic Aids to Handicapped ...	3.50	0.18	0.17	0.33	0.38	0.38	0.38	0.38	1.15
(c) Grants-in-aid to Voluntary Organisations	8.72	1.30	3.29	1.50	1.50	2.00	2.00	2.00	0.60
(d) Celebration of World Disabled Day ...	2.30	0.33	0.35	0.40	0.40	0.40	0.40	0.40	0.10
(e) Assistance to physically Handicapped for Vocational Training/Self Employment.	10.09	1.50	1.00	0.65	1.90	2.25	2.25	2.25	2.59
<b>3. CHILD WELFARE—</b>									
(a) Services for children in need of care and protection.	26.85	4.05	4.05	4.05	4.05	6.00	6.00	6.00	2.03
(b) Grant-in-aid to Voluntary Organisations working in the field of child welfare.	16.43	2.10	4.39	3.92	2.50	3.00	3.00	3.00	2.00
(c) Acquisition of land for Social Welfare Institutions.	...	...	...	..	...	...	...	...	3.00
(d) I.C.D.S. Scheme ... ..	..	..	-	...	5.00	...	...	...	...

## STATEMENT I—contd.

	1	2	3	4	5	6	7	8	9
<b>4. WOMEN WELFARE—</b>									
(a) Training for Self Employment of women in need of care and protection.	35.32	1.24	1.96	2.60	2.44	6.00	6.00	6.00	6.00
(b) Grant-in-aid to Voluntary Organisation for setting up Training centres for women and care of their children.	6.00	...	0.43	0.78	...	0.50	0.50	0.20	0.20
(c) Setting up of Women Development Corporation.	...	...	...	...	0.50	0.50	0.50	1.00	1.00
(d) Grant-in-aid to Voluntary Organisations for working women hostel.	4.63	0.60	2.03	0.46	4.90	..	..	..	..
(e) Sale-room-show room	5.00	...	...	..	...	...	...	...	...
<b>5. WELFARE OF AGED, INFIRM AND DESTITUTE—</b>									
(a) Grant-in-aid to Voluntary Organisations for maintenance of Institutions for aged and infirm women.	4.04	0.25	0.34	0.34	0.50	1.00	1.00	0.55	0.55



## STATEMENT I—contd.

1	2	3	4	5	6	7	8	9			
<b>6. CORRECTIONAL SERVICES-</b>											
(a) Maintenance of probation Hostel and Reformatory Schools/Acquisition of land.	...	...	...	...	...	7.00	7.00	...			
(b) Implementation of children Act. establishment of Juvenile Guidance centre.	4.80	...	...	1.00	4.60	13.00	13.00	10.80			
(c) Grant-in-aid to Voluntary Organisations protective Home and Anti-Drug Campaign.	3.84	...	0.92	...	0.22	3.10	3.10	2.00			
<b>7. OTHER SCHEMES-</b>											
(a) Grant-in-aid to Voluntary Organisations for various Welfare activities.	10.50	1.50	4.90	0.50	2.30	3.00	3.00	...			
(b) State and District Award for Voluntary Organisations/Individuals Working for Children/Women and Physically Handicapped.	1.53	0.20	0.20	0.20	0.20	0.40	0.40	...			
(c) Centres for training/workshop etc.	10.00	...	...	...	...	...	...	...			
(d) Financial Assistance to Fishermen belonging to scheduled castes and other Backward Classes in Gato Hills.	...	...	...	...	...	...	...	8.00			
<b>TOTAL</b>	...	...	...	200.00	20.32	30.18	22.72	40.63	60.00	60.00	50.00

**ANNEXURE— II**  
**PHYSICAL STATEMENT**

Head of Development :—SOCIAL WELFARE

Item	Unit	Seventh Plan Target	Achievements				1989-90		Target 1990
			1985-86	1986-87	1987-88	1988-89	Target	Anticipated achievement	
1	2	3	4	5	6	7	8	9	10
<b>I. CHILD WELFARE :</b>									
(a) ICDS Units	Numbers	12	12	15	16	20	20	20	6
Beneficiaries	Total (cumulative)	75,000	41,342	42,924	55,191	64,000	80,000	80,000	24,000
(b) Balwadis—Units	Numbers	...	36	58	58	...	...	..	...
Beneficiaries	Total (cumulative)	..	...	...	...	...	...	...	...
(c) Creches—Units	Numbers	..	4	10	17	19	2	2	...
Beneficiaries	Total (cumulative)	...	...	...	...	..	...	...	...
<b>II. WOMEN WELFARE :</b>									
(a) Training-cum-Production Centres— Units	Numbers	3	3	3	3	3	3	3	1
Beneficiaries	Total (cumulative)	1,051	70	141	206	275	105	90	60
(b) Hotels for working women—Units	Numbers	1	1	1	2	2	...	..	...
Beneficiaries	Total (cumulative)	...	...	...	...	..	...	...	...

	1	2	3	4	5	6	7	8	9	10
<b>III. WELFARE OF HANDICAPPED :</b>										
(a) Programme for the Blind - Units ...	Numbers	...	...	..	...	...	1	1	1	1
Beneficiaries ... ..	Total (cumulative)	...	...	...	..	25	40	40	40	25
(b) Programme for the Deaf—Units ...	Numbers	...	..	...	..	...	...	...	...	...
Beneficiaries .. ..	Total (cumulative)	..	..	..	..	1	..	..	..	..
(c) Programme for the Orthopaedically Handicapped—Units .. ..	Numbers	...	...	...	..	..	...	..	...	...
Beneficiaries ... ..	Total (cumulative)	..	...	...	...	...	...	...	...	...
(d) Programme for the mentally retarded—Units .. ..	Numbers	..	...	...	...	...	...	...	...	...
Beneficiaries ... ..	Total (cumulative)	...	...	...	..	..	...	...	...	...
(e) Scholarships—Beneficiaries ...	Total (cumulative)	1,150	192	213	206	247	400	400	400	425
(f) Supply of Prosthetic Aids— Beneficiaries ... ..	Total (cumulative)	300	11	21	40	48	48	48	48	50
<b>IV. WELFARE OF DESTITUTE AND POOR :</b>										
(a) Financial Assistance for Women— Beneficiaries .. ..	Total (cumulative)	...	..	...	...	...	...	...	...	...
Children—Beneficiaries ... ..	Total (cumulative)	...	...	...	...	...	..	..	...	...

## 10.16. NUTRITION

10.16.1. The Planning Commission originally approved an outlay of Rs.500 lakhs for Nutrition programme for 7th Five Year Plan. The total outlay on the basis of annual plan allocations and the expenditure during the plan period stands as follows:—

Year	Annual Plan allocation	Expenditure (Rs. lakhs)
1985-86	45.90	45.64
1986-87	54.00	58.31
1987-88	86.00	83.06
1988-89	92.00	91.17
1989-90	116.00	112.85 (Anticipated)
Total:—	393.90	391.03

The Scheme has two components:—

(I) Feeding of Children of the age group 0-6 and the lactating and expectant mothers under special Nutrition programme (SNP) and (II) Mid-day meal programme for school children. The S. N. P. is implemented in the ICDS Projects and Urban areas by the Social Welfare Department and in the rural areas outside the ICDS period it is implemented by C and R. D. Department. The Mid-day meal programme is implemented by the Education Department. From the figures above it is seen that the actual approved outlay for this programme was less than the original outlay by Planning Commission and the expenditure is also less than the actual outlay. Since major part of the outlay is spent under S. N. P. in the ICDS projects, and all the Block were not brought under the ICDS scheme during the 7th plan period, the entire outlay could not be utilised.

10.16.2. During the 7th Five Year Plan period 20 Nos of ICDS Projects were operational in the State. Nearly 80,000 children below 6 years of age and lactating and expectant mothers in the ICDS projects and 5200 in Urban areas were benefitted annually under the S. N. P. Programme. The average number of the beneficiaries every year in the rural area outside the ICDS project are 14,700 malnourished children and 2500 expectant mothers. Under Mid-day meal programme, beneficiaries covered annually is 6500 nos. of children.

10.16.3. Programme for 1990-91:—The level of beneficiaries achieved during the 7th Plan period under special Nutrition programme will be covered under Non-Plan programme from 1990-91. During 1990-91, another 6 Nos of ICDS project will be operational. 4 C. D. Blocks are also expected to be covered under this programme during the 8th plan period. The beneficiaries to be covered during 1990-91 will be in addition to the beneficiaries covered during 7th plan period. In order to extend the benefits to the additional number of beneficiaries to be covered during 1990-91, an outlay of Rs. 25,00 lakhs is provided.

10.16.4. The expenditure incurred under the different components of this programme and the outlay proposed for 1990-91 is given in the Statement - I below.

## Outlay and Expenditure

### STATEMENT I

Head of Development—NUTRITION.

Programme	Seventh Plan Approved Outlay	Actual Expenditure				1989-90		1990-91 Approved Outlay
		1985-86	1986-87	1987-88	1988-89	Approved Outlay	Anticipated Expenditure	
1	2	3	4	5	6	7	8	9
<b>I. Special Nutrition Programme—</b>								
(a) In I.C.D.S. Projects ... ..	} 360.00	28.85	41.97	69.28	76.97	98.06	94.91	25.00
(b) in Urban Areas ... ..		3.09	2.34	2.08	2.50	6.44	6.44	...
(c) In Rural Areas outside I.C.D.S. Projects	98.00	9.70	9.00	6.50	6.50	6.50	6.50	...
<b>II. Mid-day Meal Programme</b> ... ..	50.00	4.00	5.00	5.20	5.20	5.00	5.00	...
<b>TOTAL</b> ... ..	<b>500.00</b>	<b>45.64</b>	<b>58.31</b>	<b>83.06</b>	<b>91.77</b>	<b>116.00</b>	<b>112.85</b>	<b>25.00</b>

## 10.17. AID TO MUNICIPALITIES

10.17.1. The approved outlay for the Seventh Plan period for "Aid to Municipalities" is Rs.100.00 lakhs. The actual expenditure upto the end of the fourth year of the plan was Rs.62.40 lakhs. During 1989-90, an amount of Rs.25.00 lakhs was provided for this sector which will be utilised in full. An amount of Rs.50.00 has been approved for this sector for the Annual plan 1990-91.

10.17.2. The plan funds are sanctioned to the Municipalities as grant in aid for the provision of civic amenities to the people of the two municipalities of Shillong and Tura. The grant will also be used for the improvement of the water distribution system of the Shillong Municipality and the living conditions of the Harijan employees of the Municipalities at Tura and Jowai.

## CHAPTER XI. GENERAL SERVICES

### 11.1. PRINTING AND STATIONERY

11.1.1. The approved Seventh Plan (1985-90) outlay for the Printing & Stationery Sector is Rs. 250.00 lakhs. The expenditure during the first four years of the Seventh Plan was Rs. 178.11 lakhs. The approved outlay during 1989-90 which is the last year of the Seventh Plan is Rs. 65.00 lakhs and this outlay is anticipated to be fully utilised. The approved outlay for the year 1990-91 is Rs. 60.00 lakhs.

#### 11.1.2. Seventh Plan (1985-90) Achievements:—

The major development that took place during the 7th Plan period was expansion of the Branch Press Building at Tura, completion of residential quarters at Tura and continuation of construction of Government Press Building at Shillong.

During 1989-90, construction of 27 units of residential quarters were completed and employees have already occupied the quarters. The extension of the Government Branch Press building has also been completed and a Stationery Wing will be accommodated there. Modern Printing Machines (Offset Machines) and other equipments were procured to replace outdated machines in a phased manner.

#### 11.1.3. Major Programme For The Year 1990-91:—

The major Programmes for the year 1990-91 is continuation of the R.C.C building for the Government Press at Shillong. The construction is being carried out in a phased manner so as not to dislocate day-to-day work of the Press. In pursuance of the recommendation of the Technical Experts for the Government of India, action has already been taken to procure modern printing machines to replace the outdated ones and to keep pace with modern technology.

11.1.4. The schematic financial outlays and expenditure in respect of "Printing & Stationery" sector is indicated in Statement-I.

## STATEMENT--I

## SCHEMATIC OUTLAY AND EXPENDITURE

Head of Development—STATIONERY AND PRINTING

( Rs. in Lakhs )

Programme	Seventh Plan Outlay	Actual Expenditure				1989-90		1990-91 Approved outlay
		1985-86	1986-87	1187-88	1988-89	Approved outlay	Anticipated expenditur	
1	2	3	4	5	6	7	8	9
1. (a) Press Administration—								
(i) Salaries	...	0.43	0.63	0.82	1.66	3.00	3.00	...
(ii) Motor Vehicles Supplies	...	1.20	0.10	...	...	...	...	...
(iii) Material and	...	1.00	1.49	1.75	1.74	2.00	2.00	..
(b) Composing & Standing Branch—								
(i) Salaries	...	1.89	2.10	2.59	3.16	6.50	6.50	..
(c) Machine Printing Branch	250.00	...	...	...	...	...	...	...
(i) Machine & Equipments	...	4.43	2.91	5.00	12.74	13.50	13.50	15.00
231. Government Press—								
(i) Construction of Govern- ment Press building at Shillong.	..	19.00	20.55	13.33	16.57	37.00	37.00	45.00
(ii) Extension of Branch Press, Tura.	...	1.99	3.00	5.00	6.23	..	..	...
(iii) Construction of Assem- bly Press.	...	...	8.00	8.00	5.00	...	...	...
(vi) Construction of residen- tial quarter for Govern- ment Branch Press. Tura.	...	8.80	8.00	12.00	4.95	3.00	3.00	...
<b>TOTAL—</b>	...	38.79	38.78	48.49	52.05	65.00	65.00	60.00



## 11.2. PUBLIC WORKS

**(Residential and Administrative Buildings)**

11.2.1. The approved outlay in the Seventh Plan for construction of administrative and residential buildings was Rs.1200 lakhs. The anticipated expenditure for the Five year period is Rs.1331 lakhs.

11.2.2. An amount of Rs.330 lakhs has been earmarked for construction of administrative and residential buildings in 1990-91 as against Rs.300 lakhs in 1990-91.

11.2.3. Construction of staff quarters, Government residential bungalows, administrative buildings, circuit and guest houses, etc. are accommodated under this programme. The list of schemes that are proposed for 1990-91 is shown in the following statement.

**Statement Showing the Building Schemes under Public Works Sector included in the Annual Plan, 1990-91**

**State Level Schemes**

(Rs. in lakhs)

Sl. No.	Projects	Outlay provided for 1990-91
1	Meghalaya House, Calcutta re-construction, additions, alterations, improvement, air conditioner.	31.10
2	Meghalaya House, New Delhi, Provision of generator, air conditioner and Master Plan preparation.	7.50
3	State Guest House, Shillong.	5.00
4	Guest House at Vellore.	1.50
5	Reconstruction of Rencot Cottage, Shillong.	10.00
6	Resumption of Quinton Memorial Hall, Shillong.	7.50
7	Acquisition of land (500 acres) near University compound at Mawtawar Umshing and other places around Shillong for office residential Buildings.	8.10
8	Acquisition of land at Mawdiang-diang for future use of Government.	0.10
9	State Guest House at Khanapara—	
	(a) Land Acquisition.	10.00
	(b) Construction.	10.00
10	Construction of Deputy Commissioner's Court Building in Shillong.	7.00
11	Construction of Tea stalls in Shillong in office complexes.	5.00

(Rs. in lakhs)

Serial No.	Projects	Outlay provided for 1990-91
12	Construction of Tea stall in Secretariat Hill, Shillong.	0.10
13	Main Secretariat Building, Additions, alterations and improvement of light, etc	7.75
14	Renovation of Circuit House, Shillong.	8.00
15	New Secretariat Building Additional works, Shillong.	1.00
16	Resumption/Acquisition of Maxwellton property, Shillong.	1.00
17	Estimate for renovation of Ex-AASC. Building, Shillong.	2.00
18	Improvement of Constitutional Hall, District and Session Judges court including fencing of the compound.	1.50
19	Construction of Deputy Commissioner Court Building, Shillong (4th and 5th Floor).	5.00
20	New M.L.A's Hostel ... ..	14.50
21	Construction of Second Court Room in the Shillong Bench of Guwahati High Court, Shillong.	2.00
Sub-Total—		154.65

## II. East and West Khasi Hills

1	Land for Nongstoin Master Plan ... ..	5.00
2	Chowkidar's shed attached to Deputy Commissioner's Court, Nongstoin Construction.	0.50
3	Nongstoin circuit House:—	
	(a) Acquisition of land ... ..	2.00
	(b) Construction ... ..	15.00
4	Provision of electric connection and water supply to Government buildings.	1.50
5	Construction of Dak Bangalow at Mairang. ...	25.00
7	Acquisition of land for construction of Administrative Unit at Khanapara.	10.00
Sub-Total—		59.00

(Rs. in lakhs)

Serial No.	Project	Outlay provided for 1990-91
<b>III. Jaintia Hills</b>		
1	Fencing around G. A. D. complex at Pdeinturium	7.00
2	Renovation of Circuit House at Jowai ... ..	3.00
3	Reconstruction of Deputy Commissioner's Bungalow at Jowai.	3.00
4	Additional/Alteration of staff quarters at Amlarem Civil Subdivision.	2.00
5	Construction of circuit House at Khliehriat. ...	14.50
6	Provision of Electric connections to Government Buildings.	0.50
7	Provision of water connections to Government ... Buildings.	0.50
8	Electrification of G. A. D. Complex at Pdeinturium, Jowai.	5.10
9	Electrification of Deputy Commissioner's residence and circuit House.	2.00
Sub-Total—		37.60

**IV. East and West Garo Hills**

1	Land acquisition for Resubelpara Civil Subdivision.	1000
2	Land development for Civil Subdivision Complex at Baghmara.	0.10
3	Extension of Deputy Commissioner's Court Building at Tura.	200
4	Construction of Commissioner's of Division office building at Tura.	1000
5	Construction of Commissioner of Division Bungalow at Tura.	100
6	Electric connection and Water Supply to Government buildings in East and West Garo Hills.	0.20
7	Residential quarter for Staff of Commissioner of Division, Tura.	1.00
8	Provision of temporary water supply scheme for Baghmara Civil Subdivision.	1.00

(Rs. in lakhs)

Sl. No.	Projects	Outlay Provided for 1990-91
9	Improvement of staff quarter at Dadenggiri.	2.50
110	Land acquisition for construction of circuit House at Resubelpara.	7.71
111	Construction of office buildings and staff quarters in :—	
	(i) Baghmara Civil Subdivision	2.00
	(ii) Ampati Civil Subdivision.	1.00
112	Renovation/reconstruction of staff quarters for Deputy Commissioner, Williamnagar.	1.00
113	Power line for Ampati Civil Subdivision complex	0.50
<b>Sub—Total</b>		<b>44.01</b>

#### V. Residential Bungalows and staff quarter

##### Staff quarter at—

1	Meghalaya House, Calcutta ... ..	0.50
2	Meghalaya House New Delhi ... ..	1.00
3	Additional Secretariat complex (Grade IV quarters)	5.00
4	Shillong ... ..	4.24
5	Excise quarters ... ..	1.00
6	Shillong Bench of Gauhati High Court ... ..	1.00
7	Khanapara Administration Unit ... ..	2.00
8	Class I Officer's quarters' Shillong ... ..	0.50
9	Minister quarter at Goodwood Bungalow, Shillong (works in progress).	10.00
10	Residential Bungalow for Gazetted Officer in Shillong.	4.50
11	Acquisition of land for construction of residential buildings in Khanapara Administrative Unit	5.00

**Sub—Total 34.74**

**GRAND TOTAL 330.00**

## CHAPTER XII : OTHER PROGRAMMES

12.1. REGIONAL PROGRAMME UNDER NORTH  
EASTERN COUNCIL.

The following table indicates the scheme-wise expenditure for 1988-89 and outlays for 1989-90 and 1990-91.

(in lakh)			
Head of Development/Schemes	Actual Expenditure 1988-89	Revised Outlay 1989-90	Approved outlay 1990-91
1	2	3	4
<b>AGRICULTURE &amp; ALLIED PROGRAMME</b>	116.02	128.09	10.00
<b>A. Soil Conservation</b>	37.53	34.64	...
1. Pilot Project on Watershed Management, Umtongphar.	24.99	15.00	...
2. Survey, Investigation & Planning Cell for Watershed Management.	2.08	5.72	...
3. Regional Soil Conservation Training Centre, Byrnihat	10.46	13.92	...
<b>B. Horticulture</b>	2.47	3.50	...
4. Regional Progeny Orchard-cum-Horticultural Nursery for Citrus, Mynkre, Jaintia Hills.	2.47	3.50	...
5. Foundation Seed Farm for potato.	...	...	...
<b>C. Forest &amp; Plan Resources</b>	45.68	57.00	10.00
6. Afforestation of new Catchment area and Umiam Hydro Electric Project.	32.88	33.00	..
7. Afforestation of Catchment area of Kopili H. E. Project.	10.92	20.00	10.00
8. Development of minor products including Medicinal plant.	0.93	1.00	..
9. Tree Improvement	0.95	3.00	..
<b>D. Animal Husbandry</b>	15.57	4.95	..
10. Regional Piggery Farm, Kyrdemkulai.	15.57	4.95	..
<b>E. Fishery</b>	14.77	28.00	..
11. Regional Fish Seed Farm, Jamge.	9.32	23.00	..
12. Reclamation of Beel Fishery, Tasek Lake, West Garo Hills.	5.45	5.00	..

1	2	3	4
<b>II. Water and Power Development</b>	10.81	47.00	115.00
13. Transmission System (132 K. V. Single Circuit Transmission line from Shillong to Khliehriat with associated terminal equipment at Shillong and Khliehriat).	...	40.00	100.00
14. Survey and Investigation of Kynshi Basin.	...	...	...
15. Investigation of Mini/Micro Hydel Project.	5.95	7.00	15.00
16. Sedimentation Survey.	4.86	...	...
<b>III. Industries and Minerals</b>	6.94	9.50	10.00
17. Detailed investigation of High grade Lime stone at Lumshnong, North Block, Jaintia Hills.	3.08	4.50	...
18. Paper Grade Lime Plant	...	...	10.00
19. Scheme for modernisation of Mulberry Silk Reeling Unit.	3.86	5.00	...
<b>IV. Transport and Communication.</b>	650.24	1012.00	800.00
20. Ropeway Survey	...	...	...
21. Roads and Bridges.	650.24	1012.00	800.00
<b>V. Man-power Development</b>	105.95	30.75	10.00
22. Fellowship and Short-term training Programme.	2.51	1.25	6.00
23. Linemen's Training Programme.	3.44	4.50	...
24. Operation Black Board.	100.00	25.00	4.00
<b>VI. Social and Community Services</b>	10.92	37.61	...
25. Artificial Limb Fitting Centre, Shillong.	0.54	5.00	...
26. Regional Blood Bank, Meghalaya.	4.54	4.61	...
27. Food and Drug Laboratory, Shillong.	5.84	28.00	...
<b>Total—NEC Schemes</b>	<b>900.88</b>	<b>1264.95</b>	<b>945.00</b>

