

CHAPTER – VI

INDUSTRIES & MINERALS

6.1. VILLAGE & SMALL INDUSTRIES

6.1.1 The Projected Eleventh Plan Outlay for Village & Small Industries is Rs. 4900.00 Lakhs. The Approved Revised outlay during 2007-2008 is Rs.415.00 Lakhs which was fully utilized. During 2008-09 the approved outlay for this sector is Rs. 425.00 Lakhs. and it is anticipated that the entire amount will be spent. **The proposed outlay for 2009-10 is Rs. 550.00 Lakhs.**

6.1.2. The Approved Tenth Plan outlay for Village & Small Industries Sector was Rs.2000.00 lakhs and the total actual expenditure during the Tenth Plan (2002-2007) was Rs.1342.28 Lakhs. During the 10th Plan period about 1584 Nos. of Small Scale Industries have been registered in various parts of the State with an investment of Rs. 3543.28 lakhs which had created an employment opportunities for 7825 Nos. of entrepreneurs.

6.1.3 During the Eleventh plan period most of the schemes/programme under this sector will be continued. The department envisages doubling this effort to improve the industrial climate by creating additional infrastructure to enable further investment, thereby creating more employment opportunities and raising the State Domestic Products (SDP). The small scale sector, is expected to promote about 3000 Nos of small scale industries in various parts of the state with an expected investment of Rs.90.00 crores (approximately) and an employment potential of about 15,000 entrepreneurs. With this aim in view, the 11th five year plan was framed with a proposed outlay of Rs.4500.00 lakhs, inclusive of Rs. 425.00 lakhs for the annual plan 2008-09. The proposed outlay of Rs. 550.00 Lakhs will be expended for continuing the schemes briefly described below:-

6.1.4 **Training Schemes:** Under this scheme, Awareness programmes are conducted every year in identified areas of the Districts, for motivation and identification of local entrepreneurs by way of dissemination of information for the promotion and development of industries and industrial activities in the Districts/State. In order to boost up the motivated entrepreneurs, training is also imparted in some of the Registered Local Industrial Units so as to up-grade their skills and entrepreneurships. For imparting training to the un-employed youths for acquiring the basic technical know-how in the field of Industries and Trade related activities, training inside and outside the State including Master Craftsman Training are also proposed to be taken up. An amount of Rs.73.00 Lakhs is proposed for the Annual Plan 2009-10.

6.1.5 **Grants, Subsidies & Exhibitions:** The Department participates in various Trade Fairs, and Industrial Exhibitions, both inside as well as outside the State. In addition, District Level Exhibitions are organized annually by the DICs in the District Head Quarters so as to bring awareness to the local people, thereby creating an atmosphere of industrial climate in the Districts/State. In order to support the local industrial units, subsidies, incentives and grants are also extended to the local entrepreneurs and bodies. An amount of Rs.134.00 Lakhs is proposed for the Annual Plan 2009-10.

6.1.6 **Civil Works:** For developmental works at the Industrial Estates/ Construction of Directorate of Industries, an amount of Rs. 7.00 is proposed for the Annual Plan 2008-09.

6.1.7 **The broad schematic outlays proposal for the Annual Plan 2009-10 are as follows:-**

(Rs. in Lakhs)

Sl. No	Schemes	11 th Plan (2007-12)	Annual Plan 2007-08 (Appd)	Actual Expenditure 2007-08	Annual Plan 2008-09 (Appd)	Anticipated Expenditure 2008-09	Annual Plan 2009-10 (Proposed)
1.	Administrative Costs	1850.00	250.92	250.92	289.00	289.00	336.00
2.	Training Schemes	150.00	20.10	20.10	26.00	26.00	73.00
3.	Grants, Subsidies & Exhibitions	1230.00	137.97	137.97	104.00	104.00	134.00
4.	Civil Works	1670.00	6.00	6.00	6.00	6.00	7.00
5.	New schemes		-	-	-	-	
	Total	4900.00	415.00	415.00	425.00	425.00	550.00

6.2 SERICULTURE AND WEAVING

6.2.1 The Eleventh Plan Projected Outlay for this sector is Rs. 6400.00 Lakhs for which an outlay of Rs.500.00 Lakhs was approved during 2007-2008 and the actual expenditure is Rs. 440.11 Lakhs. During 2008-09, an amount of Rs. 925.00 Lakhs is approved and the entire amount is anticipated to be fully utilized. **An outlay of Rs.1150.00Lakhs is proposed for the Annual Plan 2009-10.**

6.2.2 Programmes for 2009 -2010:

The new thrust during this Plan period is to ensure availability of Standard Infrastructure facilities which is of paramount importance for the effective and successful implementation of Schemes/Projects. Most of the Infrastructure available was inherited from the erstwhile Assam State and those that were created in the State for the last 36 years have become old and unserviceable and needed immediate improvement and renovation to make them functional for effective implementation of the programmes. This, in addition to the development scheme, is the main priority of the 3rd year of the XIth Plan.

The proposed allocation of Rs. 1150.00 lakhs during 2009-2010 will be utilised for creation of new assets and upgradation of the existing buildings and the remaining balance of Plan allocation for achieving the set goals as indicated below:-

6.2.3 **Sericulture:-** Sericulture & Handloom Weaving are the two most important rural cottage based Industries in the State. The sector is basically women oriented activity for providing self employment in the rural areas. Rearing of Eri, Mulberry and Muga is traditionally practiced in the past and presently by the rural people as a subsidiary Cottage Industry. The main programme in respect of Sericulture Industry is to identify, increase and expand the plantation areas of the existing Eri, Mulberry and Muga in the individual holdings

or community lands through development of systematic and economic plantation of silkworm food plants with emphasis to enhance the productivity per unit area. It is also proposed to improve and strengthen the Departmental Farms and Centres for sufficient production of quality silkworm seeds for increasing the production of raw silk and introduction of scientific rearing method of silkworms. Production of raw silk is anticipated to be increased from the present level of 339.50 MT to 394.13 MT and the additional coverage of beneficiaries will be increased from the present level of 3039 nos. to 3140 nos. during 2009-10.

The proposed targets during 2009-2010 are as follows–

a) The additional plantation coverage for the three varieties of Silk are as follows:-

i) Mulberry	= 320 acres.
ii) Eri	= 2,400 acres (including natural Vegetation)
iii) Muga	= 420 acres.
<u>Total</u>	<u>= 3,140 Acres</u>

b) Beneficiaries Coverage = 3140 Nos. @ 1 acre each

c) Training:-

i) Beneficiaries Training	= 2,038 nos.
ii) In service Personnel	= 18 nos.
iii) Post Graduate Diploma Holders	= 2 Candidates
iv) Certificate Course for Self employment	= 30 Trainees.

d) Production:

Plantation Coverage		Cocoon Production Achievement 2008-09	Cocoon Production Target 2009-2010
1. Mulberry	320 acres	15.05 MT	17.31 MT
2. Eri	2,400 acres	2330.00 MT	2680.00 MT
3. Muga	420 acres	475.00 Lakhs Nos.	545.00 Lakhs nos.

6.2.4 **Handloom:-** The proposed programme for Handloom Weaving Industry is to intensify and step-up production of quality handloom fabrics. The production is also sought to be increase by introducing and supplying modern improved looms/accessories to weavers which would result in the increased of production of Handloom Fabrics from the present level of 108.00 lakhs sq.mtrs in 2008-09 to 128.00 lakh sq. mtrs during 2009-10.

6.25 **Training Programme:** Under Sericulture Sector, it is proposed to continue imparting training on the know-how of sericulture technique in raising of plantation, rearing of silkworm, production of cocoons etc in the various Departmental centres, and also to organise and identify the new sericultural farmers of Eri, Muga and Mulberry for enhancement of Silk production in the State. The training of beneficiaries will be enhanced from 1517 nos in 2008-09 to 2038 nos during 2009-10. Under Handloom sector, training on the know-how of weaving practices for the progressive weavers and handloom entrepreneurs will be continued. Besides, emphasis will also be given on Handloom Research activities including development of design products and colour developments and diversifying products by way of engaging weavers working on improved looms on dyeing of yarn. The training of weavers will be enhanced from 750 nos of weavers during 2008-09 to 990 nos in 2009-10.

Silk Weavers (in Nos)		Cluster Weaver (in Nos)		Artisan Course (in Nos)		In-service (in Nos)		Diploma (in Nos)		Certificate (in Nos)		Total	
2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
550	590	240	300	-	100	-	12	6	2	25	30	821	1,034

6.2.6 **Centrally Sponsored Scheme:-** Under Catalytic Development Scheme of the Central Silk Board, it is proposed to take full advantage of the Scheme and an amount of Rs. 263.96 lakhs is proposed.

Under Handloom Sector, it is also proposed to implement in the State a Scheme on "Integrated Handloom Development Scheme" for which an amount of Rs. 42.02 is proposed.

6.2.7 **The Projected Outlays for the Eleventh Plan, Approved Outlay for the Annual Plan 2008-09 & Proposed Outlay for the Annual Plan 2009-10 are briefly shown in the Table below:-**

(Rs in Lakhs)

Sl. no	Schemes	11 th Plan (2007-12)	Annual Plan 2007-08 (Appd)	Actual Expenditure 2007-08	Annual Plan 2008-09 (Appd)	Anticipated Expenditure 2008-09	Annual Plan 2009-10 (Proposed)
1.	Sericulture	3628.00	305.00	253.91	348.09	348.09	390.00
2.	Handloom	2627.00	190.00	181.20	269.91	269.91	300.00
3.	General Scheme	145.00	5.00	5.00	7.00	7.00	10.00
4.	NIFT (ACA)	-	-	-	300.00	300.00	450.00
	Total	6400.00	500.00	440.11	925.00	925.00	1150.00

6.3 LARGE AND MEDIUM INDUSTRIES

6.3.1. The Projected Outlay for the Eleventh Five Year Plan (2007-2012) is Rs. 15400.00 lakhs. The Approved Revised outlay for 2007-2008 is Rs.1800.00 Lakhs and the actual expenditure incurred is Rs. 1754.22 Lakhs. During the Annual Plan 2008-09 an outlay of Rs. 2250.00 lakhs was approved and the entire amount is expected to be fully utilized. **The proposed outlay for 2009-10 for Large & Medium Industries is Rs. 2925.00 Lakhs**

6.3.2 During the 11th Plan Period (2007-2012), the Department envisages doubling the effort to improve the industrial climate by creating more infrastructures to enable investors to invest more, thereby creating employment opportunities and raising the State Domestic Product (SDP). It is expected that 100 Nos of industrial Units in various parts of the State will be promoted with an expected investment of Rs.1000.00 Crores and an employment potential of about 7,000 entrepreneurs. With this aim in view, the 11th Five Year Plan (2007-12) was framed with a proposed outlay of Rs. 15,400.00 lakhs inclusive of the amount of Rs.2925.00 lakhs now proposed for the Annual Plan 2009-10. The proposed outlay will be expended for continuation of the scheme briefly described below.

6.3.4 **Equity Participation:** The M.I.D.C. as the State Industrial Development and Financial Corporation takes part in equity participating of Industrial project approved by the Govt. so as to ease out their cost over burden and an amount of Rs.3.00 lakhs is proposed for the Annual Plan, 2009-10.

For equity participation to MCCL for upgradation and expansion of the existing plant, an amount of Rs. 1300.00 Lakhs is proposed for the Annual Plan 2009-10.

6.3.5 **Financial Operation:** The MIDC has been assisting entrepreneurs financially for setting up of economically viable projects and provides support assistance by way of term loan to the Industrial units of all categories. These term loans are again refinanced to the Corporation by the IDBI/SIDBI to the extent of 65% of the disbursed amount and the balance are to be met from MIDC's own resources. As such, an amount of Rs.517.40 Lakhs is proposed for the Annual Plan 2009-10.

6.3.6 **Development of Industrial Areas:** For improvement works in the Industrial Areas and Estates located in different parts of the State and for various developmental works, an amount of Rs. 13.00 lakhs is proposed for the Annual Plan 2009-10.

6.3.7 **Entrepreneurship Development Programme (EDP):-** For motivation and development of local entrepreneurship and skilled man power, E.D.Ps, workshops, and Seminars are conducted from time to time in different identified areas of the State for which an amount of Rs. 2.60 lakhs is proposed for 2009-10.

6.3.8 **Man-Power Training Scheme:** Under this scheme, local youths are sponsored for pursuing professional courses like Engineering, Management Studies, etc. and stipend @ Rs.500/- per month is given to the selected youths for meeting a part of the study expenditure. An amount of Rs.1.50 Lakhs is proposed for the Annual Plan 2009-10.

6.3.9 **Preparation of Project Feasibility Reports:** In order that Industrial Development of the State can be achieved at an accelerated rate, identification and studying of viable projects will be continued for which an amount of Rs.6.50 lakhs is proposed for the purpose during the Annual Plan 2009-2010.

6.3.10 **Industrial Growth Centre:** The Govt. has approved setting up of the Industrial Growth Centre, at Mendipathar, in East Garo Hills district, covering an area of 182 hectares for which an amount of Rs.6.50 lakhs is proposed for the Annual Plan 2009-2010.

6.3.11 **Package Scheme of Incentives:** As per the Industrial Policy, 1997 a Package Scheme of Incentives was declared for both the Small Scale and Large & Medium Scale Sectors. Such incentives, encourages the local industrial units by way of relieving them from financial burden to a great extent. An amount of Rs.1007.50 lakhs is proposed for the Annual Plan 2009-10.

6.3.12 **Publication and Publicity:** The scheme relates to expenses pertaining to publication of booklets, pamphlets, advertisements and other promotional activities relating to industrial development in the State including expenditure on visits of dignitaries, holding of meetings and Conferences, etc. from time to time. An amount of Rs.58.50 lakhs is proposed for 2009-2010.

6.3.13 **Export Promotion Industrial Park (EPIP):** For development and maintenance of the E.P.I.P. at Byrnihat an amount of Rs.6.50 lakhs is proposed for 2009–2010.

6.3.14 **Food Park:** Meghalaya is predominantly an agricultural State where more than 85 % of its population in the rural areas depends on agriculture for livelihood. It is, therefore, proposed to set up a separate Industrial Area strictly for the Food Processing Sector for Storage, Preservation, Processing and Packaging and Allied Industrial Units for which an amount of Rs. 2.00 Lakhs is proposed for the Annual Plan 2009-2010.

6.3.15 **The broad schematic outlays proposal for the Eleventh Plan & Annual Plan 2009-10 are as follows:-**

(Rs. in Lakhs)							
Sl. No	Schemes	11 th Plan (2007-12)	Annual Plan 2007-08 (Appd)	Actual Expenditure 2007-08	Annual Plan 2008-09 (Appd)	Anticipated Expenditure 2008-09	Annual Plan 2009-10 (Proposed)
1	Equity Participation	1750.00	502.00	502.00	1002.00	1002.00	1303.00
2	Financial Operation	3650.00	200.00	200.00	398.00	398.00	517.40
3	Development of Industrial Areas	3750.00	91.22	51.22	10.00	10.00	13.00
4	Entrepreneurship Development Programme (EDP)	30.00	2.00	2.00	2.00	2.00	2.60
5	Man-Power Training Scheme	40.00	1.00	1.00	2.00	2.00	1.50
6	Preparation of Project Feasibility Reports	80.00	11.00	11.00	5.00	5.00	6.50
7	Industrial Growth Centre	500.00	5.00	-	5.00	5.00	6.50
8	Package Scheme Of Incentives	5000.00	932.78	932.00	775.00	775.00	1007.50
9	Publication and Publicity	250.00	45.00	45.00	45.00	45.00	58.50
10	Export Promotion Industrial Park (EPIP)	300.00	10.00	10.00	5.00	5.00	6.50
11	Food Park	50.00	-	-	1.00	1.00	2.00
	Total	15400.00	1800.00	1754.22	2250.00	2250.00	2925.00

6.4 MINING AND GEOLOGY

6.4.1. An outlay of Rs. 2350.00 Lakhs is projected for the Eleventh Plan (2007-2012) and during the Annual Plan 2007-2008, an amount of Rs. 200.00 Lakhs is approved for which the Actual Expenditure is Rs.231.90 Lakhs. During 2008-09, the amount of Rs. 250.00 Lakhs is approved for this sector which is expected to be fully utilized. **The proposed outlay for 2009-10 is Rs. 300.00 lakhs.**

6.4.2 The Tenth Plan approved outlay for Mining and Geology sector was **Rs. 800.00 Lakhs against which total actual expenditure was Rs. 827.01 Lakhs.** The State is well-known for the occurrences of a number of valuable minerals like limestone, coal, clay, glass sand, kaolin, quartz, sillimanite, iron stone and granite. The total coal reserves have been estimated at 560 million tones, limestone reserves at 12000 million tones and deposit of industrial clay is about 71 million tones. While the deposits of limestone and coal have been explored extensively all over the State and sizeable reserves of these minerals have already been established, prospect

of other minerals found in the State are yet to be fully ascertained. The potentiality of such deposits needs to be proved by detailed survey and drilling for preparation of geological report/feasibility reports with a view to set up of mineral-based industries. Such geological data have helped in the growth of several mining activities in the State. In addition, exploration of ground water is also taken up for providing drinking and irrigation purposes. It will also continue geo-technical studies on landslide and stability of foundation for construction of dams and bridges.

In the absent of a proper Mining Policy of the State, unscientific mining activities is still continuing by individual mine owners which have resulted in massive environmental degradation like pollution of the streams and rivers and has also adversely affected the ecology and environment in and around the mining areas and a cause of concern for the safety of miners and health hazards of the people living near the mining areas. These issues have now been seriously considered and the Government is taking steps to formulate the Mining Policy for the State so that these problems can be properly identified and addressed to.

6.4.3 Programmes for Annual Plan 2009-10 - The on-going schemes are proposed to be continued keeping in view the national priorities such as employment generation, strengthening of infrastructure facilities, effective decentralization and resource mobilization, some which are briefly given as below:

6.4.5 Training:- Under this scheme, local students are granted scholarship for prosecuting higher studies in Earth Sciences and also for providing Training facilities to the technical in-service employees. For training the local miners on systematic and safe mining practices it is proposed to set up two Training – cum – Demonstration Centres one each in Garo and Jaintia Hills Districts and an amount of Rs.0.20 lakhs is proposed for the Annual Plan 2009-10.

6.4.6 Research & Development:- Chemical analysis and petrological studies of the rocks, minerals, water samples etc. are carried out through this scheme, for assessing the quality of minerals from various deposits for their possible utilization. This activity will continue by creating additional infrastructure on man-power and sophisticated machineries. For the Annual Plan 2009-10 an amount of Rs. 20.00 lakhs is proposed for the purpose.

6.4.7 Survey & Mapping:- Survey and mapping of various minerals deposits will be continued by creating additional infrastructure on man-power and machineries. Evaluation of potential minerals within the State by remote sensing technique through consultancy services is also proposed. An amount of Rs.27.00 lakhs is proposed for the Annual Plan 2009-10,

6.4.8 Mineral Exploration:- The main objectives of this scheme are- (a) Intensive Mineral Investigation, (b) Preparation of Feasibility Reports on mineral based Industries, (c) Development of Mining Industries, (d) Intensive Ground Water Investigation and (e) Geo-technical studies. These activities will be continued by creating additional infrastructure on man-power and machineries. More emphasis will be given to intensify the investigation programme to bring the existing probable/possible reserve of minerals into proved category. Emphasis also will be given on Granite Investigation as dimensional stone and investigation on Ground water for irrigation and drinking purposes. Providing technical assistance on investigation of isolated small deposits of coal in the coal mines operated by coal miners is also proposed. Grant-In-aid for development of Mining Industries to the Meghalaya Mineral Development Corporation (MMDC) will continue to be provided against their proposed project on limestone, coal, clay etc. An amount of Rs.90.80 lakhs is proposed for the Annual Plan 2009-10.

6.4.9 **Construction of Residential Building:-** During the Eleventh Plan period, 2 (two) units of Officer quarters and 6 (six) units of Staff quarters are proposed to be constructed at the D.M.R. Office at Tura and also to complete fencing of the D.M.R. land at Williamnagar. Further, it is proposed to purchase land for the D.M.O. and Demonstration -cum-Training Centre at Jowai and land for installation of Weighbridge. A provision of Rs.2.00 lakhs is proposed during the Annual Plan 2009-2010.

6.4.10 **Capital Outlay on Public Works :** An amount of Rs.8.00 lakhs is proposed for this scheme during the Annual Plan 2009-2010 for construction of office building for the branch office at Tura.

6.4.11 **The broad schematic outlays proposal for the Eleventh Plan and Annual Plan 2009-10 are as follows:-**

(Rs. in Lakhs)

Sl.No	Schemes	11 th Plan (2007-12)	Annual Plan 2007-08 (Appd)	Actual Expenditure 2007-08	Annual Plan 2008-09 (Appd)	Anticipated Expenditure 2008-09	Annual Plan 2009-10 (Proposed)
1.	Direction & Administration	800.00	113.40	111.21	147.70	147.70	152.00
2.	Training	50.00	-	0.06	0.30	0.30	0.20
3.	Research & Development	160.00	15.30	15.23	17.00	17.00	20.00
4.	Survey & Mapping	160.00	21.00	21.16	24.00	24.00	27.00
5.	Mineral Exploration	600.00	44.00	84.24	48.00	48.00	90.80
6	Construction of Residential Building	200.00	2.30	-	7.00	7.00	2.00
7.	Investment in Public Sectors	205.00	-	-	1.00	1.00	-
8.	Non-Residential Buildings	175.00	4.00	-	5.00	5.00	8.00
	Total	2350.00	200.00	231.90	250.00	250.00	300.00