



GOVERNMENT OF KERALA

ANNUAL PLAN PROPOSALS

1982 - 83

STATE PLANNING BOARD

TRIVANDRUM

NOVEMBER 1981

ANNUAL PLAN PROPOSALS 1982-83

STATE PLANNING BOARD
TRIVANDRUM
November 1981

PRINTED BY THE S. G. P. AT THE GOVERNMENT PRESS,
TRIVANDRUM, 1981.

NIEPA DC



D00225

Sub. : Information Systems Unit
National Institute of Educational
Planning and Administration
17-B, SriAurobindo Marg, New Delhi-110014
DOC. No.....225.....
Date.....15/6/82.....

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PART I

I. INTRODUCTION

The development programmes for the different sectors as visualised in the Annual Plan proposals for 1982-83 are essentially aimed at consolidating the ongoing schemes and projects and initiating a few new starts within the overall framework of priorities and objectives as laid down in the Five Year Plan, 1980-85. The Annual Plan 1982-83 has a special significance in that it is the plan for the mid-year of the Sixth Plan. A total State sector outlay of Rs. 331 crores has been proposed for the Annual Plan.

2. The main programme thrust in the field of agricultural development is on augmenting the productivity of both the food crops and commercial crops through appropriate changes in the cropping pattern, adoption of improved agricultural practices, plant protection measures and extension and training. The strategy is based on an area approach rather than crop oriented approach and the system of extension is aimed at achieving this objective. In addition to the emphasis laid on the effective utilisation of inputs like fertilisers, improved varieties of seeds and pesticides, the need for speedy execution of the ongoing major and medium irrigation projects as well as maximum exploitation of minor irrigation potential has also been kept in view.

3. Since the implementation of agricultural development programmes depends critically on the availability of institutional finance from national and international financial agencies, the need for providing adequate seed money by the State for projects taken up in collaboration with such financial institutions has been taken note of while making plan allocation under agricultural credit. This apart, adequate provision has also been made for widening the capital base of the co-operatives designed to promote agricultural development. The World Bank assisted Kerala Agricultural Development Project for the expansion and modernisation of cultivation of tree crops is expected to pick up greater momentum during the 1982-83 Annual Plan period. The organisational structure of the Agricultural Department is being strengthened by implementing the Kerala Agricultural Extension Project based on the Training and Visit System of extension.

4. Land reforms and allied measures in the successive Plans in the State have been designed to achieve distributive justice, increase agricultural production and productivity, raise the employment opportunities in the farm sector and improve the socio-economic conditions of the peasants and agricultural labourers. These objectives were sought to be achieved through a series of enactments and supporting measures such as conferment on kudikidappukars the right to purchase limited extent of land in and around their hutments at concessional rates, abolition of intermediaries and assignment of property rights to cultivating tenants, imposition of land ceiling and take over and distribution of excess land to deserving landless and poor agricultural labourers and distribution of Government poramboke lands and forest land to the landless.

These measures have made considerable headway. More than two lakh cultivating tenants have become owner cultivators as a result of the tenancy reforms in the State. The beneficiaries, especially surplus land assignees and kudikidappukars, have to be supported by providing adequate credit and other farm inputs. In the Annual Plan for 1982-83 emphasis will be laid on the rehabilitation and settlement of these land reform beneficiaries. The scheme for the resurvey of the State and preparation of record of rights will be further accelerated during the year.

5. The programmes under Animal Husbandry and Dairying are intended not only for increasing production of milk and other animal products, but also for raising the nutrition levels of the population in the low income brackets through a deliberate development strategy aimed at increasing employment and income. These objectives are proposed to be achieved through the programmes in the Annual Plan for improving the genetic quality of cattle breed, popularising goat rearing and poultry keeping and promoting fodder development, all with a bias in favour of the weaker sections of the population. These development programmes will be effectively supported by streamlining the existing marketing system. The Kerala Livestock Development and Milk Marketing Board which was registered in 1975 is assigned the crucial role of development of milk production and marketing in the State.

6. The fisheries sector assumes special significance in Kerala not only because of its productive employment and export-earning potential but also because of its crucial linkage with the nutrition programme in the State. The development efforts in the past plans have been largely confined to export-oriented and capital intensive off-shore and mechanised fishing to the neglect of the traditional fishing sector which employs about 90 per cent of the total sea-going fishermen in the State. Taking note of this situation the basic approach to fisheries development in the 1980-85 Five Year Plan has been so designed as to increase substantially fish production and to achieve a judicious balance between export and domestic consumption. This increase in production will be effected through an investment strategy and technological mix appropriate to the traditional and modern segments of fishing. In pursuance of this objective, an integrated programme consisting of modernising the traditional fishing sector, expansion of the fleet of off-shore and deep sea fishing vessels, development of major and minor fishing harbours and provision of other supporting facilities for storage, processing, transportation and marketing has been drawn up in the 1980-85 Plan. The various schemes under fisheries incorporated in the Annual Plan for 1982-83 reflect this approach of fishery development.

7. The need for an integrated and balanced approach to development of the forestry sector combining development, exploitation and utilisation of the forest produce has been taken into consideration in

making Plan allocations and in drawing up action programmes. The area under forests is steadily declining. Hence existing forest area in the State will be maintained and managed on modern lines. The continuing programmes for effecting a switch-over from the conservation oriented forestry will be strengthened and the development of social and farm forestry will be accelerated. The forest development programmes are so conditioned as to provide employment to the poorer segments of the society by linking forest development with the economy of the people. Promotion of social forestry in order to increase the supply of fuelwood and small timber in rural areas constitutes a main plank of the forestry development programme. The entire forest development plan is proposed to be linked with an integrated programme for forest-based industries and an overall domestic fuelwood and fodder development programme. The Department of Forests, the Forest Research Institute and the Forest Development Corporation are the instruments for implementing these programmes.

8. The Community Development Blocks have been charged with the responsibility of implementing special target group oriented development programmes. There are at present 144 Community Development Blocks in the State. It is proposed to set up seven more Blocks through the bifurcation of some of the existing Blocks. The various development activities in these Blocks under agriculture, animal husbandry, minor irrigation, health and sanitation, education, rural manpower etc., are proposed to be continued during the Annual Plan period 1982-83. The Blocks have the major responsibility for implementing the Integrated Rural Development and National Rural Employment Programmes. The Integrated Rural Development Programme aims at increasing the income and employment levels of small and marginal farmers and agricultural labourers by providing full employment opportunities to the unemployed and underemployed in the rural areas. The integration of sectoral activities such as agriculture, animal husbandry, fishery, forestry, horticulture, village and cottage industries will be achieved through efficient co-ordination, monitoring and timely implementation of programmes. In order to make the rural development programme meaningful a built-in-bias in favour of the weaker sections of the society, especially small and marginal farmers, agricultural labourers, rural artisans, scheduled castes and scheduled tribes is introduced in the programme.

9. Power which is the most critical infrastructure for development, has been given high priority in the allocation of Plan resources. During 1982-83 it is proposed to complete Idukki Third Stage and Sabarigiri Augmentation Scheme and to bring Idamalayar Hydro Electric Scheme to near completion. It is expected that the Government of India will provide special assistance to complete Idukki Stage II scheme so that it can cater to the peaking demands of the Southern Region. The overall increase in the power generation capacity has to be effectively utilised by various consumer categories. In the past owing to greater emphasis on power generation schemes, adequate resources could not be directed to development of the transmission, and distribution system in the State. This has resulted in inadequate line capacity, frequent interruptions, low voltage and considerable

backlog of pending connections. This imbalance has been taken note of and in the Annual Plan for 1982-83 a higher allocation has been made for transmission and distribution.

10. The industrial backwardness of Kerala, calls for massive investments in this sector. One of the basic objectives of the Sixth Plan is the maximum exploitation of the natural resources available in the State. The share of the industries sector is 11.3 per cent of the total outlay for the 1982-83 Annual Plan. The proposals under medium and large industries sector include speedy implementation of the diversification/modernisation/expansion schemes of the existing enterprises and continuance of the incentive schemes drawn up by the State Government. The major institutions like Kerala State Industrial Development Corporation, Kerala State Electronics Development Corporation, Kerala State Textile Corporation, Kerala State Industrial Enterprises, Steel Industrials, Kerala etc., have already promoted a number of projects which are at different stages of implementation and require State assistance during 1982-83 Plan period for their speedy completion. The second phase of the Kerala Mineral Exploration and Development Project to be commenced from 1-1-1982, having U. N. assistance also requires State participation.

11. In view of the employment potential of the small scale and cottage industries sectors higher allocation is made for the development of these sectors. Schemes like seed capital to private entrepreneurs for setting up new units and provision of State investment subsidy will be continued on a more intensive scale during 1982-83. In the case of traditional industries like coir, handloom, cashew and handicrafts the emphasis will be on stabilising the existing employment rather than creating additional employment. Efforts will be made to bring more coir and handloom workers into the co-operative fold. The Khadi and Village Industries Board's scheme for providing additional employment to one lakh workers within a period of three years has made notable progress. This programme will be further accelerated through greater State participation.

12. The Plan programmes under transport and communications suggested for the period 1982-83 are aimed at improving the communication facilities further. Under road development, improvement of State highways and major district roads has been given emphasis. This is essential in view of the growing density of motor vehicles in the State. Stress is also laid on the development of district and village roads and the works proposed are so chosen as to get wide dispersal over the entire State. In the construction of village roads priority is assigned to roads in backward hilly regions, tribal areas and scheduled caste settlements.

13. The Plan provision for the Kerala State Road Transport Corporation is mainly intended for replacement of old and depreciated buses. The requirements of additional services in the existing routes to meet growth in traffic will be met by rescheduling services and reducing cancellations. The major share of the outlay for water transport is for completion and improvement of existing and a few new canal schemes and for acquisition of boats for the operation of the

State Water Transport Department. Adequate provision is also earmarked for the Cochin based Kerala Inland Navigation Corporation. This Corporation has plans to acquire vessels for enlarging its water cargo transport and passenger services. Construction of a dry dock to carry out the repairs of the barges is also contemplated. Construction of breakwaters for the development of Beypore Cargo Harbour and provision of basic infrastructure facilities in selected ports will be given high priority with a view to reviving the activities in the minor and intermediate ports of Kerala.

14. In the Annual Plan for 1982-83 it is proposed to strengthen tourist facilities and tourist organisation in the State. The strategy of tourist development revolves round the concept of travel circuits connecting important tourist centres catering to varied tourist interests. In the State two primary and a few secondary travel circuits are proposed to be developed. Schemes for the provision of better accommodation facilities are being implemented by the Kerala Tourism Development Corporation. The major share of the 1982-83 Annual Plan provision for tourism development is earmarked for strengthening the capital base of this Corporation.

15. Kerala has all along been laying special emphasis on the development of social infrastructure and provision of welfare measures for the weaker sections of the society. It is proposed to continue this policy during the year 1982-83 also by providing higher outlays and laying greater stress on the qualitative improvement in education, health, social welfare, water supply, housing, urban development, labour welfare, welfare of Scheduled Castes and Scheduled Tribes, nutrition and minimum needs programme. Under education, emphasis will be laid on strengthening education administration at all levels. Qualitative improvement and diversification of courses will be given greater stress under technical education. Under medical and public health a shift has occurred in favour of prevention of diseases and extension of health care facilities to the villages. In 1982-83 steps will be taken to provide more beds in taluk, district and medical

college hospitals. Programmes for various systems of medicine have also been included in the Plan for 1982-83.

16. In recognition of the crucial role of science and technology in the socio-economic transformation, the State Government has been sponsoring and promoting a number of centres of excellence in Science and Technology. These centres include such institutions like Lal Bahadur Sastri Engineering Research and Consultancy Centre, Sree Chitra Thirunal Institute for Medical Sciences and Technology, Electronic Research and Development Centre, Kerala Forest Research Institute, Centre for Water Resources Development and Management, Centre for Development Studies, Centre for Earth Science Studies, National Transportation Planning and Research Centre, Centre for Environmental and Ecological Studies, Tropical Botanical Garden and Research Institute and Indian Institute for Regional Development Studies. The State Committee on Science and Technology set up in 1971, and reconstituted in 1981, co-ordinates the research activities of the various scientific and research institutions in the State. Special emphasis will be laid on the activities of the Kerala Forest Research Institute, Centre for Water Resources Development and the Centre for Earth Science Studies during the year 1982-83. It is also proposed to institute a Kerala State Science and Technology prize for the best research effort during the year.

17. The Annual Plan also recognises the need for evolving special programmes for the development of Scheduled Castes and Scheduled Tribes. The plan contains separate schemes for this category. A Special Component Plan for Scheduled Castes and a Sub Plan for the tribals in regions of tribal concentration are being separately prepared for the year 1982-83. The programmes and schemes in the Special Component Plan will be so formulated as to extend effectively the development benefits to different categories of Scheduled Castes viz., agricultural labourers, marginal and small farmers, fishermen, weavers and those engaged in cottage industries.

STATEMENT—GNI

II. SUMMARY STATEMENT OF PLAN OUTLAYS AND EXPENDITURE

(Rs. lakhs)

Sl. No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I. Agriculture and Allied Sectors							
1.	Research and Education	1300.00	110.00	180.00	250.00	216.00	90.00
2.	Crop Husbandry	8694.00	1050.24	1169.90	1460.28	1415.85	308.99
3.	Land Reforms	3070.00	519.50	600.00	611.00	720.00	3.00
4.	Minor Irrigation	4000.00	613.47	665.00	660.00	798.00	773.00
5.	Soil and Water Conservation	1029.00	176.69	180.00	209.50	216.00	15.50
6.	Command Area Development	725.00	19.28	120.00	7.71	111.50	78.00
7.	Food	500.00	13.00	25.00	25.00	30.01	0.01
8.	Animal Husbandry	1517.00	281.52	310.00	310.00	372.00	56.50
9.	Dairy Development	721.00	114.84	180.00	180.00	216.00	91.50
10.	Fisheries	2000.00	406.20	463.10	463.10	555.00	359.50
11.	Forests	1862.00	285.75	284.999	284.502	342.00	240.00
12.	Investment in Agricultural Financial Institutions	1100.00	150.00	150.00	150.00	180.00	..
13.	Marketing	125.00	8.75	13.00	9.81	11.15	..
14.	Storage and Warehousing	70.00	12.00	15.00	15.00	10.00	10.00
15.	Community Development and Panchayats	4140.00	1287.00	920.00	2105.45	1104.00	130.00
16.	Special Programme for Rural Development	2510.00	301.34	430.00	447.00	605.00	..
17.	Development of Backward Areas including Hill Areas	250.00	50.00	50.00	50.00	90.00	..
TOTAL I—AGRICULTURE AND ALLIED SERVICES		33613.00	5389.381	5756.001	7238.352	6992.51	2156.00
II. Co-operation							
1.	Credit Co-operatives	892.95	763.38	163.00	705.00	156.50	53.00
2.	Marketing	320.00	79.10	66.00	68.00	90.30	38.00
3.	Processing Co-operatives	60.00	3.00	15.00	15.00	15.00	15.00
4.	Consumer Co-operatives	295.35	58.30	45.00	49.00	62.00	28.50
5.	Others	631.70	91.63	115.967	125.00	162.20	28.95
TOTAL II—CO-OPERATION		2200.00	995.41	404.967	962.00	486.00	163.45
III. Irrigation, Flood Control and Power							
1. Irrigation							
(a)	Water Development (Survey, Investigation and Research)	355.00	28.93	40.00	40.00	85.00	..
(b)	Irrigation Projects	25250.00	4151.70	4460.00	4460.00	5315.00	5315.00
Sub Total (a+b)		25605.00	4180.63	4500.00	4500.00	5400.00	5315.00

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2.	<i>Flood Control and Anti-Sea Erosion Projects</i>	2500.00	331.34	250.00	250.00	450.00	450.00
3.	<i>Power</i>						
	(a) Power Development (Survey, Investigation and Research)	435.00	92.00	75.00	40.00	80.00	..
	(b) Power Projects (Generation)	9166.00	1278.00	1253.00	2603.00	1750.00	1740.00
	(c) Transmission	8000.00	1310.00	1500.00	1300.00	1900.00	1900.00
	(d) General (Including Distribution and Rural Electrification)	13672.00	4260.00	2172.00	2467.00	2270.00	2270.00
	Sub Total (a+b+c+d)	31273.00	6940.00	5000.00	6410.00	6000.00	5910.00
	TOTAL III—IRRIGATION, FLOOD CONTROL, ANTI SEA EROSION AND POWER	59378.00	11451.97	9750.00	11160.00	11850.00	11675.00
IV.	<i>Industry and Minerals</i>						
1.	Village and Small Industries	4980.00	865.51	850.016	1348.387	1171.00	342.80
2.	Medium and Large Industries	10820.50	2225.00	2360.02	2360.00	2534.00	2485.00
3.	Mining	150.00	21.70	30.00	33.65	45.00	15.00
	TOTAL IV—INDUSTRY AND MINERALS	15950.50	3112.21	3240.036	3742.037	3750.00	2842.80
V.	<i>Transport and Communications</i>						
1.	Ports, Light Houses and Shipping	825.00	130.44	100.00	346.75	150.00	138.07
2.	Roads and Bridges	6600.00	1347.00	1350.00	1485.00	1620.00	1589.00
3.	Road Transport	2000.00	250.00	250.00	..	350.00	350.00
4.	Water Transport	575.00	68.00	80.00	149.57	99.00	99.00
5.	Tourism	675.00	99.36	125.00	207.94	180.00	164.00
	TOTAL V—TRANSPORT AND COMMUNICATIONS	10675.00	1894.80	1905.00	2189.26	2399.00	2340.07
VII.	<i>Social and Community Services</i>						
1.	<i>Education:</i>						
	(a) General Education	4120.00	877.11	900.00	944.50	1080.00	307.50
	(b) Art and Culture	200.00	45.00	45.00	54.00	54.00	14.00
	(c) Technical Education	700.00	187.07	190.00	156.65	228.00	38.50
	Sub Total (a+b+c)	5020.00	1109.18	1135.00	1155.15	1362.00	360.00
2.	Scientific Services and Research	1200.00	340.00	340.00	339.00	380.00	175.00
3.	Medical, Public Health and Sanitation (excluding ESI)	3625.00	672.40	745.70	825.70	894.79	350.00
4.	Employees State Insurance Scheme	30.00	3.38	4.30	4.30	5.21	..
5.	Sewerage and Water Supply	9050.00	1290.14	1450.00	1345.00	1740.00	1087.51
6.	Housing (excluding Police Housing)	4650.00	1299.01	975.00	1197.50	1177.00	757.00
7.	Police Housing	150.00	50.00	40.00	40.00	40.00	26.00
8.	Urban Development	1900.00	297.002	300.00	300.00	360.00	204.10
9.	Information and Publicity	90.00	16.00	13.00	56.20	16.00	1.00
10.	Labour and Labour Welfare	297.00	652.004	100.005	100.005	120.00	38.25
11.	Welfare of Scheduled Castes/Scheduled Tribes and Other Backward Classes	2500.00	486.862	435.005	420.855	522.00	101.38
12.	Social Welfare	467.00	75.842	75.00	123.16	90.00	11.50
13.	Nutrition	1700.00	340.00	339.999	340.00	408.00	1.50
	TOTAL VI—SOCIAL AND COMMUNITY SERVICES	30679.00	6631.82	5953.009	6246.87	7115.00	3113.24

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
VII. Economic Services							
1.	General Economic Services	309.00	56.65	60.00	53.70	81.70	..
2.	Economic Advice and Statistics	266.00	47.21	50.00	55.49	59.30	..
3.	Other General Economic Services (Regulation of Weights and Measures)	50.00	6.00	10.00	10.00	12.00	..
TOTAL VII—ECONOMIC SERVICES		625.00	109.86	120.00	119.19	153.00	..
VIII. General Services							
	Stationery and Printing	400.00	10.83	65.00	53.75	70.00	60.00
	Public Works	1520.00	310.00	300.00	300.00	305.00	305.00
TOTAL VIII—GENERAL SERVICES		1920.00	320.83	365.00	353.75	375.00	365.00
GRAND TOTAL		155040.50	29906.481	27494.012	32011.459	33120.51	22661.56

**SECTORAL PROGRAMMES
AND
STATEMENT GN2**

STATEMENT GN-2

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I. Agriculture and Allied Services							
<i>Agriculture</i>							
1. <i>Direction and Administration</i>							
IAGR-001	Reorganisation and Strengthening of Agriculture Administration	1350.00	26.20	201.19	108.29	296.11	50.00
2. <i>Multiplication and Distribution of Quality Seeds</i>							
(i) ,, 002	Production and Distribution of Quality Seeds	22.00	0.08	3.62	3.62	4.00	..
(ii) ,, 006	Inspection, Certification and Establishment of Seed Testing Laboratory	4.17	0.04	0.25	2.45	0.30	..
(iii) ,, 007	Development of Existing Seed Farms	65.00	6.82	10.85	10.01	10.00	1.00
(iv) ,, 008	Seed Multiplication in Kayal Lands (Government Farm, Chulatheruvu)	25.00	20.36	0.73	22.40	8.00	..
<i>Total: Multiplication and Distribution of Quality Seeds</i>		116.17	27.30	15.45	38.48	22.30	1.00
3. <i>Agricultural Farms</i>							
IAGR-009	District Agricultural Farms	150.00	16.73	8.65	26.30	10.00	3.00
4. <i>Manures and Fertilisers:</i>							
(i) IAGR-013	Procurement and Distribution of Green Manure Seeds	12.50	1.62	2.17	2.17	3.00	..
(ii) ,, 014	Soil Testing Service	120.00	10.85	7.96	13.30	17.47	..
(iii) ,, 017	Supply of Soil Ameliorants at Subsidised Rate	45.00	5.34	7.23	7.23	5.00	..
(iv) ,, 015	Quality Control of Fertilisers and Pesticides	31.50	8.46	4.34	5.20	5.00	..
<i>Total: Manures and Fertilizers</i>		209.00	26.27	21.70	27.90	30.47	..
5. <i>Plant Protection</i>							
(i) IAGR-021	State Share for the Control of Brown Hopper in Endemic Areas	25.00	4.09	5.25	5.00	5.00	..
(ii) ,, 023	Plant Protection Service	125.00	14.90	11.20	14.00	12.00	..
(iii) ,, 027	Weed Control	25.00	2.26	3.00	..	2.00	..
(iv) ,, 028	Agricultural Meteorological Service	5.60	1.42	0.50	1.59	2.00	..
(v) ,, 029	Operational Research for Integrated Pest Control	7.00	1.87	1.80	1.80	2.00	..
(vi) ,, 030	Supply of Metallic Storage Bins to Cultivators at Subsidised Rate	6.50	..	0.50	0.50	1.00	..
(vii) ,, 121	Contingency Plan to Tackle Sudden Pest Outbreak	10.00	2.00	..	..	0.25	..
<i>Total: Plant Protection</i>		204.10	26.54	22.25	22.89	24.25	..

STATEMENT GN-2

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

S No and Code N.	Name of the Schemes/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
6 Commercial Crops							
(i) Pulse							
(a) IAGR-02	Pulses Development Programme	50.00	4.85	6.90	6.49	7.50	..
(b) ,, 051	State Share for the Intensive Pulses Development Programme	24.81	1.70	5.64	2.94	3.91	..
(ii) Tuber Crops							
(a) IAGR-07	Development of Tuber Crops	15.70	0.01	0.70	0.70	0.70	..
(b) ,,	Tapioca Board	0.01	..	..	..	..	..
(iii) Sugarcane Development							
(a) IAGR-03	Comprehensive Sugarcane Development Programme	67.00	0.40	6.76	5.40	8.00	..
(iv) Oil Seed							
(a) IAGR-08	Groundnut Development Programme	60.00	7.71	6.76	7.00	7.00	..
(b) ,, 04	Sesamum Development Programme	15.00	0.14	1.50	1.50	1.50	..
Perennial Oil Seed Plants							
(c) Coconut Development							
* (i) IAGL-02	State's Share of the Centrally Sponsored Scheme for T x D Seedling Production	12.00	3.50	2.25	2.59	2.81	..
* (ii) ,, 03	State's Share of the Centrally Sponsored Scheme for Rejuvenation of Disease Affected and Unproductive Coconut Plantations	60.00	6.25	12.50	12.50	11.50	..
* (iii) ,, 03	State's Share of the Centrally Sponsored Scheme for Coconut Package Programme	84.07	27.87	17.50	17.53	18.30	..
£ (iv) ICAF-03	Production and Distribution of Quality Coconut Seedlings	375.00	95.38	50.00	126.47	60.00	..
£ (v) ,, 02	Spraying for the Control of Coconut Leaf Diseases	675.00	157.20	125.00	50.00	60.00	..
£ (vi) ,, 027	Comprehensive Coconut Development Programme	900.00	105.74	115.00	230.00	120.00	..
(d) IAGL-05	Development Programme for Oil Palm	9.64	2.15	0.70	2.40	0.01	..
(v) Spices Development							
(a) IAGL-03	Spices Nurseries	70.40	15.64	6.76	15.76	7.00	..
(b) ,, 04	Pepper Development Programme	147.19	12.64	30.00	35.16	27.35	..
(c) ,, 04	Development of Ginger, Turmeric and Garlic	15.70	0.50	0.70	0.70	0.70	..
(vi) Cashew Development							
* (a) IAGL-057	State's Share for Cashew Cultivation in Private Sector	30.50	7.96	10.00	10.00	11.00	..
* (b) ,, -059	State's Share for Cashew Demonstration	20.22	4.06	3.00	4.50	3.91	..
* (c) ,, 060	States' Share for Progeny Garden for Cashew	6.95	1.50	1.50	1.71	1.96	..

*Centrally Sponsored Schemes.

†These are Schemes proposed to be additionally included under Centrally Sponsored Schemes with 50% Central Assistance. The Outlay shown is only 50% State's Share.

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		198-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	of which Capital Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(d) IAGR-058	Adoption of Plant Protection Measures for Cashew	50.00	8.24	6.76	11.00	8.00	..
(e) ,, 062	Multi-State Cashew Development Project	165.71	9.41	30.61	71.00	56.96	31.00
(vii)	Cocoa Development						
(a) IAGR-054	Cocoa Development	13.50	2.79	2.00	1.80	2.00	..
(b) ,, 055	Seed Garden for Cocoa	4.70	0.56	0.70	0.76	0.80	..
(c) ,, 056	Share Capital Contribution, Loan and Grant to Cocoa Processing Unit	100.00	10.00	..	..	25.00	14.69
(viii) ,, 042	Tobacco Development	4.78	0.99	0.80	0.80	0.80	..
(ix) ,, 046	Cotton Development	20.00	..	1.36	2.36	2.00	..
	Total: Commercial Crops	2997.88	487.19	445.40	621.07	448.71	47.68
	7. Extension and Farmer's Training						
(i) IAGR 075	Farmer's Training Centre	42.78	9.32	3.61	10.00	6.00	1.00
(ii) ,, 082	Training Programme for Agricultural Demonstrators and Junior Agricultural Officers	2.51	0.42	0.36	0.36	0.18	..
(iii) ,, 085	Training to Senior Departmental Officers	4.89	0.36	0.36	0.50	0.30	..
(iv) ,, 087	Inservice Training to Mechanics		0.32	0.36	0.36	0.36	..
(v) ,, 084	Special Training Leading to Post Graduate Diploma	2.16	0.22	0.36	0.40	0.40	..
(vi) * ,, 078 } ,, 083 } ,, 086 }	Completed Schemes	6.61	8.50	..	..	..	..
	Total: Extension and Farmer's Training	58.95	19.14	5.05	11.62	7.24	1.00
	8. Agricultural Engineering						
(i) IAGR 080	Expansion of Agricultural Engineering Service	55.00	2.02	7.20	7.70	10.00	..
(ii) ,, 081	Agro-Industries Corporation—Share Capital Contribution	45.00	9.25	7.25	7.25	8.70	8.70
	Total: Agricultural Engineering	100.00	11.27	14.45	14.95	18.70	8.70
	9. Agricultural Education and Research—Kerala Agricultural University						
(i) IAGR 090	Development Grant	1150.00	..	..	198.00	162.00	50.00
(ii) ,, 094	State Share for ICAR Co-ordinated Projects	60.00	110.00	180.00	12.00	14.00	..
(iii) ,, —	Acquisition of Land	90.00	..	..	40.00	40.00	40.00
	Total: Agricultural Education and Research—K.A.U.	1300.00	110.00	180.00	250.00	216.00	90.00
	10. Storage and Warehousing						
IAGR 091	State Warehousing Corporation	70.00	12.00	15.00	15.00	10.00	10.00
	11. Agricultural Marketing						
(i) IAGR 094	Establishment of Regulated Markets	67.00	2.50	2.50	..	1.00	..
(ii) ,, 092	Establishment of Grading Laboratories in 7 Districts	16.45	1.53	2.89	3.39	3.50	..
(iii) ,, 096	Grading at Producers' Level	1.60	0.50	0.10	..	0.10	..
(iv) ,, 093	Market Extension	6.05	0.10	1.55	0.30	1.00	..

*Completed Schemes—Schemes which are not pursued further.

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)								
Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83		
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
(v)	IAGR-095	Re-organisation of Marketing Wing	24.20	4.12	4.51	5.57	5.00	..
(vi)	" 100	Market Investigation and Survey	6.70	..	0.70	0.25	0.25	..
(vii)	" 101	Training for Marketing Personnel	3.00	..	0.75	0.30	0.30	..
		Total: Agricultural Marketing	125.00	8.75	13.00	9.81	11.15	..
12. Others								
(i)	IAGR-065	Changing Cropping Pattern	38.81	5.03	3.60	3.60	4.00	..
(ii)	" 118	Project for Soil and Water Management	7.00	3.45	3.35	3.35	3.50	..
(iii)	" 114	Agricultural Development Programme for Scheduled Caste/Scheduled Tribes (Special Component Plan)						
(a)		Agricultural Development Programme for Scheduled Caste	738.20	54.87	72.40	72.40	105.50	..
(b)		Agricultural Development Programme for Scheduled Tribes	..	..	..	..	22.76	..
(iv)	" 119	Agricultural Development Programme for Weaker Sections	184.27	9.32	14.80	14.50	5.00	..
(v)	" 120	Agricultural Development Centres	25.00	2.00	10.85	1.19	7.00	..
(vi)	" 121	Contingency Plan to Meet Natural Calamities	36.48	2.67	3.60	3.60	2.00	..
(vii) Horticulture								
(a)	IAGR-108	Development of Banana, Pineapple and Other Horticultural Crops	21.19	1.83	1.40	1.40	1.40	..
(b)	" 103	Agri. Horticultural Societies	1.85	0.42	0.35	0.35	0.10	..
(c)	" 111	Vegetable Production Programme	47.00	5.00	7.60	5.00	8.00	..
(d)	" 107	Development of Fruit Crops in Selected Areas	33.50	..	3.50	2.00	4.00	..
		Total: Horticulture	103.54	7.25	12.85	8.75	13.50	..
(viii) Farm Information and Communication								
(a)	IAGR-067	Farm News Service	20.00	4.00	7.00	7.00	6.00	..
(b)	" 068	Establishment of Rural Exhibition Units	12.00	3.00	1.45	2.00	1.50	..
(c)	" 069	Production of Instructional Films	8.00	1.00	0.70	1.00	1.00	..
(d)	" 070	Construction of Photographic Studio and Block Making Units	3.00	2.00	0.70	..	1.00	..
(e)	" 072	Supply of Instructional Slides and Visual Aids to T & V Units, IPD Units and ICD Projects	3.00	0.50	0.35	..	0.50	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83		
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
(f)	IAGR-071	Farm Book Corners in Rural Libraries	5.00	0.50	0.35	1.19	1.20	..
(g)	" 073	Organising Kisan Melas	3.00	0.50	0.35	0.35	0.50	..
(h)	" 074	Farm News Service through Daily Newspapers	3.00	0.50	0.35	0.35	0.35	..
(i)	" 079	Farm Information Bureau	75.00	4.50	3.25	3.25	1.30	..
		Total: Farm Information and Communication	132.00	16.50	14.50	15.14	13.35	..
(ix)	IAGR-124	Establishing Departmental Sale Depots in City Corporations and Municipalities	18.60	..	3.60	2.00	3.70	..
(x)	" 125	Adoption of Cropping Pattern in Areas Covered Under Soil Conservation	25.00	..	1.45	1.00	0.50	..
(xi)	"	Project for Comprehensive Development of Kuttanad	400.00	..	—	..	1.00	..
(xii)	" 126	Crop Insurance	10.00	40.00	2.15	..	1.00	..
(xiii)		Control of Mahali Disease for Arecanut	..	..	..	..	2.50	..
(xiv)		Adaptive Research	..	..	..	..	2.96	..
(xv)		Rehabilitation of Existing Farm	..	..	..	..	4.00	..
(xvi)		Students Participation in Agricultural Programme	..	..	..	..	0.50	..
(xvii)		Establishment of Coconut Growers Co-operative Societies	..	..	..	..	1.00	..
(xviii)		Establishment of Agricultural Produce Export Cell in the State	..	..	..	..	1.00	..
(xix)	" 032	Coconut Development Corporation—Share Capital Contribution	148.00	25.00	34.05	45.00	48.00	48.00
(xx)	" 012	Kerala Land Development Corporation—Share Capital Contribution	590.00	120.00	72.40	247.40	90.00	90.00
(xxi)	" 112	Special Agricultural Development Projects						
(a)		Project Co-ordination	29.80	98.51	6.00	6.00	6.50	..
(b)		Project Evaluation Unit	5.10		1.00	1.00	1.10	..
(c)		Extension Service	657.88		106.00	75.00	123.42	..
(d)		Seed Garden	188.65		49.61	65.00	69.68	45.00
(e)		Research Grant to Kerala Agricultural University	44.57		13.00	13.00	10.00	..
		Total: Special Agricultural Development Project	926.00	98.51	175.61	160.00	210.70	45.00
(xxii)	IAGR-123	Oil Palm India Limited—Share Capital Contribution	125.00	15.00	10.85	10.85	14.60	14.60
		Total: Others	3507.90	399.60	435.76	588.78	558.07	197.60
		TOTAL: AGRICULTURE	10189.00	1170.99	1377.90	1735.09	1653.00	408.99

* Centrally Sponsored Schemes.

@ Completed Schemes—Schemes which are not pursued further

¶ Schemes proposed to be additionally included under Centrally Sponsored Schemes with 50 percent Central Assistance. The Outlay shown is only 50% State Share.

† New Schemes

STATEMENT GN-2

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
LAND REFORMS							
1. ILRS. 001	Implementation of Land Reforms Act.	55.00	13.00	13.00	13.00	10.00	..
2. „ 002	Land Board and Land Tribunals under the KLR Act.	30.00	8.00	8.00	8.00	8.00	..
3. „ 003	Payment of Compensation for the Lands in excess of ceiling under the KLR Act-1963	25.00	6.00	5.00	6.00	5.00	..
4. „ 004	Contribution to the Agriculturists Rehabilitation Fund	100.00	10.00	15.00	40.00	40.00	..
5. „ 005	(a) Contribution by Government to the Kudikidappukar's Benefit fund	500.00	50.00	50.00	50.00	70.00	..
	(b) do. Special Component Plan for SCs.	50.00	..	20.00	20.00	25.00	..
	(c) do. Tribal Sub Plan	..	..	..	..	5.00	..
6. „ 006	Payment of Compensation for vesting of interests of Land Lords under the KLR Act 1963	500.00	127.00	130.00	130.00	102.00	..
7. „ 008	(a) Assistance to assignees of surplus land	40.00	5.00	5.50	8.00	20.00	..
	(b) do. Special Component Plan for SCs	10.00	0.50	4.50	2.00	8.00	..
	(c) do. Tribal Sub Plan	..	..	..	..	2.00	..
8. „ 007	(a) Resurvey of State and preparation of Records of rights						
	(b) Translating the Resurvey Records into Revenue Records	1760.00	300.00	349.00	334.00	315.00	3.00
						110.00	
	Total: LAND REFORMS	3070.00	519.50	600.00	611.00	720.00	3.00

MINOR IRRIGATION

1. MIN 001	Investigation and development of Ground Water Resource and State share for Strengthening of Ground Water Organisation	500.00	53.47	75.00	70.00	90.00	80.00
2. „ 002	Construction and Deepening of Wells and Tanks	5.00	1.00	1.00	1.00	1.00	1.00
3. „ 004	Lift Irrigation Schemes	860.00	125.00	150.00	150.00	165.00	165.00
4. „ 004	Other M.I. Works						
„ 006	(a) M.I. Class I	750.00	120.00	150.00	150.00	175.00	175.00
„ 008	(b) M. I. Class II (P.W.D.)	100.00	16.50	25.00	25.00	10.00	10.00
„ 012	(c) M. I. Class II (People's participation)	435.00	75.00	75.00	75.00	30.00	30.00
„ 010	(d) I. P. D. (Yelah Development)	500.00	91.00	100.00	100.00	150.00	150.00
„ 007	(e) M. I. (Special Component Plan)	300.00	20.00	30.00	30.00	55.00	55.00
	(f) M. I. (Tribal Sub Plan)	..	..	..	..	10.00	10.00
„ 013	(g) Irrigation facilities to drought prone areas	..	..	..	..	..	..
„ 009	(h) Repairs to Damages caused to M. I. Structures	250.00	23.50	24.00	24.00	74.00	74.00
„ 011	(i) Special Repairs to rectify flood/cyclone damage						

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5. Others							
MIN 005	(a) Investigation (M.I. Schemes)	100.00	2.00	10.00	10.00	10.00	..
„ 019	(b) Subsidy to Small and Marginal farmers for purchase of Pumpsets in Non-S.F.D.A. and I.R.D.P. Areas	..	60.00	..	..	..	..
„ 014	(c) Supply of Pumpsets to Panchayats	200.00	10.00	8.00	..	8.00	8.00
„ 016	(d) (i) Punja De-Watering	..	15.00	15.00	25.00	13.00	13.00
	(ii) Punja De-Watering—Special Component Plan	..	..	..	..	2.00	2.00
„ 017	(e) Tube Well Corporation	..	1.00	2.00	..	5.00	..
	Total: Minor Irrigation	4000.00	613.47	665.00	660.00	798.00	773.00
Soil and Water Conservation							
1. ISWC 001	Direction and Administration	25.00	4.00	5.50	5.50	6.60	..
2.	<i>Soil Survey and Testing</i>						
	<i>Ongoing Schemes</i>						
ISWC 002	(i) Soil Survey in Command Areas and Problem Areas	17.00	3.20	3.20	3.20	3.84	..
„ 003	(ii) Soil Survey in Government Lands and Forest Lands	13.00	2.30	2.30	2.30	2.76	..
„ 004	(iii) Strengthening of Soil Survey Organisation	25.00	4.60	4.60	4.35	5.22	..
„ 005	(iv) Reconnaissance Soil Survey	15.00	2.75	2.75	2.00	2.40	..
„ 006	(v) Soil Survey in Soil Conservation Areas	6.00	1.10	1.10	1.10	1.32	..
„ 007	(vi) Soil Survey Follow-up Activities	5.00	1.00	1.00	0.50	0.60	..
„ 008	(vii) Identification of Bench Mark Study of Soil	3.00	0.55	0.55	0.55	0.66	..
„ 009	(viii) Land Use Demonstration	8.00	1.00	1.00	2.00	2.40	..
	<i>New Schemes</i>						
ISWC 010	(ix) Establishment of Regional Soil Analytical Laboratory and Strengthening of Existing Laboratory at Konni	5.00	..	..	0.50	0.60	..
3.	Research Education and Training in Soil Conservation	25.00	5.50	5.50	5.50	6.60	..
4.	<i>Soil Conservation Schemes</i>						
ISWC 011	(i) Soil and Water Conservation in Arable Land	240.00	63.50	63.50	63.50	75.60	..
„ 012	(ii) Reclamation of Waterlogged Areas	10.00	2.20	2.20	2.20	2.64	..
„ 013	(iii) Soil Conservation and Integrated Development of Land on Watershed Basis Availing Institutional Finance	25.00	5.50	5.50	5.50	6.60	..
„ 015	(iv) Pilot Scheme for River Training and Control of Stream Bank Erosion	10.00	2.20	2.20	2.20	2.64	..
„ 016	(v) Soil and Water Conservation in the catchment River Valley Project	10.00	2.20	2.20	2.20	3.24	..
„ 017	(vi) Soil Conservation in the lands belonging to Harijans and Girijans	150.00	33.00	33.00	33.00	20.60	..
	(a) Special Component Plan						
	(b) Tribal Sub Plan						

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ISWC 018	(vii) Soil Conservation in Irrigated land	15.00	4.40	4.40	4.40	4.08	..
„ 019	(viii) Soil Conservation Survey	10.00	2.50	2.50	2.50	1.20	..
„ 014	(ix) State share for Soil Conservation in the Catchment of River Valley Project, Kundah	125.00	15.00	15.00	24.00	30.00	..
	<i>New Schemes</i>						
	(x) Soil Conservation in Government Lands and Forest Lands to be assigned to Scheduled Caste/Scheduled Tribes Evictees, Repartriates etc.	9.00	..	..	..	..	..
	(xi) Strengthening and Reorgansation of Soil Conservation Organisation	10.00	..	..	..	..	..
	(xii) Maintenance and Follow-up Activities for completed Soil Conservation Schemes	5.00	..	..	..	..	..
	(xiii) Soil Conservation in the lands of Scheduled Castes/Scheduled Tribes included in the Schemes Processed as per KLD Act	10.00	..	..	..	..	..
	(xiv) Scheme for Providing Subsidy and Establishment charges of Integrated Project for Soil Conservation and Optimum Land use in Kottarakkara and Kunnathur Taluks	5.00	..	..	..	..	..
	(xv) State Share of the New (Centrally Sponsored) Scheme for Propagation of Water Conservation/Harvesting Technology in the Rainfed Dry Land Areas in Palghat District	..	..	..	2.50	3.00	..
	5. <i>Other Schemes</i>						
ISWC 020	(i) Thanneermukkom Project	200.00	8.00	7.00	25.00	10.50	10.50
„ 021	(ii) Kattampally Project	10.00	2.19	5.00	5.00	5.00	5.00
„ 022	(iii) Land Use Board	38.00	10.00	10.00	10.00	10.90	..
	Total: Soil and Water Conservation	1029.00	176.69	180.00	209.50	216.00	15.50
SPECIAL AREA PROGRAMME FOR RURAL DEVELOPMENT							
1.	ISAR 001 (a) Command Area Development—State Share	725.00	19.28	120.00	7.71	98.00	78.00
	(b) do. Special Component Plan		..	..	..	11.50	..
	(c) do. Tribal Sub Plan		..	..	..	2.00	..
2.	„ 002 (a) Development of Backward Areas	250.00	50.00	50.00	50.00	45.00	..
	(b) do. Special Component Plan		..	..	..	18.00	..
	(c) do. Tribal Sub Plan		..	..	..	27.00	..
3.	„ 004 (a) IRDP State Share	2450.00	150.00	424.999	432.00	364.00	..
	(b) do. Special Component Plan		..	..	..	225.00	..
	(c) do. Tribal Sub Plan		..	..	..	15.00	..
4.	„ 006 Scheme for Social Input in Area Development (UNICEF assisted Programme)—Advance Action	10.00	4.34	5.00	15.00	1.00	..
5.	„ 003 Completed Schemes	50.00	147.00	..	..	..	..
6.	„ 005 Other Schemes & 007	..	..	0.002	..	..	..
	Total: Special Area Programme for Rural Development	3485.00	370.62	600.001	504.71	806.50	78.00

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>Food</i>							
1.	IFOD 001 Implementation of Price Support Scheme for Paddy & Tapioca	250.00	13.00	25.00	25.00	30.00	..
2.	„ 002 Scheme for Strengthening Public Distribution System—Share Capital Contribution to Kerala State Civil Supplies Corporation	250.00	0.001	0.001	..	0.01	0.01
Total: Food		500.00	13.001	25.001	25.00	30.01	0.01
<i>ANIMAL HUSBANDRY</i>							
<i>1. Administration and Training</i>							
(ii)	IAHY 001 Administration and Co-ordination	34.00	3.01	6.00	6.00	7.00	..
(iii)	„ 002 (a) Training Programme	17.50	4.11	3.40	3.50	3.65	..
	(b) Special Component Plan	..	..	0.10	..	0.35	..
Total: Administration and Training		51.50	7.12	9.50	9.50	11.00	..
<i>2. Veterinary Services and Animal Health</i>							
(i)	IAHY 004 Biological Production Complex	55.00	14.21	15.00	15.00	15.00	5.00
(ii)	„ 005 (a) Strengthening and Reorganisation of Veterinary Hospitals	220.00	45.10	39.00	42.50	47.50	6.50
	(b) Special Component Plan			1.00	..	..	..
	(c) Tribal Sub Plan			2.50
(iii)	„ 007 Disease Investigation Laboratory	32.00	7.51	8.00	8.00	10.00	7.00
(iv)	„ 009 (a) Control of Foot and Mouth Disease (State's Share)	20.75	5.96	3.84	4.25	4.50	..
	(b) Special Component Plan			0.27	..	0.40	..
	(c) Tribal Sub Plan			0.14	..	0.10	..
(v)	„ 010 AICRP on Epidemiological Studies of Foot and Mouth Disease (State's share)	1.15	0.17	0.20	0.20	0.25	..
(vi)	„ 011 (a) Control of Foot and Mouth Disease	7.75	2.45	0.90	1.00	0.50	..
	(b) Special Component Plan			0.05	..	..	..
	(c) Tribal Sub Plan			0.05	..	..	..
(vii)	„ 012 Control of Avian Disease	16.00	0.83	4.00	4.00	3.50	1.50
(viii)	„ 014 (a) Mobile Farm Aid Units	80.00	14.87	9.00	7.50	12.50	..
	(b) Special Component Plan			0.50	..	1.00	..
	(c) Tribal Sub Plan			0.50	..	1.50	..
(ix)	„ 015 Organising Infertility Camps	4.20	0.82	1.00	1.00	1.00	..
(x)	„ 016 Rabies Control	17.00	3.99	3.50	3.50	4.00	..
(xi)	„ 017 Mastitis Control	4.10	0.28	1.00	1.00	1.00	..
(xii)	„ 018 Disease Free Zone	15.50	2.01	3.50	3.50	4.00	1.00
(xiii)	„ 019 Rinder Pest Eradication (State's Share)	5.20	0.65	0.80	0.80	1.00	..
(xiv)	„ 020 (a) Cattle Insurance	36.50	17.38	4.00	5.00	8.00	..
	(b) Special Component Plan			0.80	..	1.50	..
	(c) Tribal Sub Plan			0.20	..	0.50	..
(xv)	„ 021 Expansion of Central Veterinary Stores	15.00	..	3.50	3.50	4.50	1.00
Sub Total: Veterinary Services and Animal Health		530.15	116.23	100.75	100.75	124.75	22.50

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3. Investigation and Statistics							
(i)	IAHY 022 Planning and Monitoring Cell	3.75	0.52	0.75	0.75	0.75	..
(ii)	„ 023 Animal Husbandry Statistics and Sample Surveys	24.75	4.69	4.75	4.75	5.00	..
(iii)	„ 024 Livestock Census	18.40	..	1.00	1.00	15.00	..
Sub Total: Investigation and Statistics		46.90	5.21	6.50	6.50	20.75	..
4. Cattle Development							
(i)	IAHY 025 Jersey Breeding-cum-Cross Breed Farm	125.00	35.24	25.00	25.00	30.00	15.00
(ii)	„ 027 (a) Establishment of Intensive Cattle Development Projects	82.00	13.10	12.50	14.00	16.00	3.00
	(b) Special Component Plan		..	0.75	..	0.50	..
	(c) Tribal Sub Plan		..	0.75	..	1.50	..
(iii)	„ 028 (a) Distribution of Crossbred Heifers and Assistance to Economically Weaker Sections to take up Cattle Rearing	62.40	8.40	9.00	18.00	4.50	..
	(b) Special Component Plan		..	8.50	..	10.50	..
	(c) Tribal Sub Plan		..	0.50	..	..	..
(iv)	„ 050 (a) Calf Feed Subsidy Programme	195.75	15.86	37.00	35.00	36.00	..
	(b) Special Component Plan		..	3.00	..	3.00	..
(v)	„ 029 Expansion of Livestock Farm	11.00	..	2.50	2.50	4.00	1.00
(vi)	„ Progeny Testing Programme	..	..	..	..	0.50	..
Total: Cattle Development		476.15	72.60	99.50	94.50	106.50	19.00
5. Poultry Development							
(i)	IAHY 030 Poultry Farms and Central Hatchery	46.00	10.57	12.00	12.00	10.00	3.00
(ii)	„ 032 Poultry Training Institute	9.00	0.66	2.50	2.50	2.50	1.50
(iii)	„ 037 Chick Sexing School	5.25	0.53	1.25	1.25	1.00	..
(iv)	„ 038 (a) Distribution of Poultry to Economically Weaker Sections	26.00	9.25	2.25	4.50	2.50	..
	(b) Special Component Plan		..	1.75	..	2.50	..
	(c) Tribal Sub Plan		..	0.50	..	..	..
(v)	„ 034 Duck Farm	12.25	1.27	2.00	2.00	3.00	1.50
(vi)	„ 035 Broiler Production	28.00	4.55	6.50	6.50	8.00	2.00
(vii)	„ 036 Poultry Clubs in Schools	9.00	1.56	1.50	1.50	4.00	..
(viii)	„ 031 Poultry Development Through Farmers Organisations	32.00	1.88	4.00	4.00	5.00	..
(ix)	„ Broiler Project at Pallithode	..	..	..	5.00	..	..
Total: Poultry Development		167.50	30.27	34.25	39.25	38.50	8.00
6. Pig Development							
(i)	IAHY 039 Pig Breeding Farm	24.70	6.79	4.50	4.50	6.00	3.00
(ii)	„ 040 Intensive Pig Development Programme	12.50	2.51	2.50	2.50	3.00	..
(iii)	„ 041 Assistance to Meat Products of India for Pig Development	5.00	..	5.00	5.00	1.00	..
Total: Pig Development		42.20	9.30	12.00	12.00	10.00	3.00

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (preliminary)	1982-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
7. Goat Development							
(ii) IAHY 042	(a) Expansion of Goat Farms	18.50	2.90	4.00	5.00	2.50	1.25
	(b) Tribal Sub Plan		..	1.00	..	1.50	0.75
(i) ,, 043	Goat Villages	12.60	..	2.00	3.00	3.00	..
	(a) Special Component Plan		..	1.00	..	1.00	..
	(b) Tribal Sub Plan						
Total: Goat Development		31.10	2.90	8.00	8.00	8.00	2.00
8. Fodder Development							
(i) IAHY 044	Fodder Development	4.00	..	1.00	1.00	1.00	..
Total: Fodder Development		4.00	..	1.00	1.00	1.00	..
9. Other Livestock Development							
(i) IAHY 045	Modernisation of Slaughter Houses and Establishment of Meat Board	5.00	..	2.00	2.00	4.00	2.00
(ii) ,, 046	Tribal Area Sub Plan	36.00	12.04	5.50	5.50	6.00	..
(iii) ,, 047	Karshika Vignan]	5.50	0.98	1.00	1.00	1.00	..
(iv) ,, 049	(a) Special Livestock Production Programme (State's share)	121.00	24.87	27.90	30.00	36.00	..
	(b) Special Component Plan*			..	2.10	..	4.00
(v) ,,	Establishment of Cattle Shandies	..	..	..	..	0.50	..
Total: Other Livestock Development		167.50	37.89	38.50	38.50	51.50	2.00
Total: ANIMAL HUSBANDRY		1517.00	281.52	310.00	310.00	372.00	56.50
DAIRY DEVELOPMENT							
1. Direction and Administration							
IDDT 001	Dairy Development Staff	15.00	0.90	4.00	2.65	5.00	..
Total: Direction and Administration		15.00	0.90	4.00	2.65	5.00	..
2. Dairy Development							
(i) IDDT 002	(a) Rural Dairy Extension and Advisory Service and Scheme for Improving Milk Production Potential of Cows and Augmenting [Milk Production	45.00	9.06	12.60	12.60	14.00	2.50
	(b) Special Component Plan	5.00	..	1.40	1.00	1.50	..
	(c) Tribal Sub Plan	..	..	..	0.40	0.50	..
(ii) ,, 004	Operation Flood II and Project for Milk Production and Marketing with Assistance from Indian Dairy Corporation (State's Share)	60.00	..	20.00	30.00	30.00	30.00
(iii) ,, 005	Production and Supply of Inputs for Cattle Breeding Programme of the KLD & MM Board	278.00	47.34	55.00	59.00	60.00	10.00
(iv) ,, 018	State Government Contribution towards Swiss Assisted Dairy Projects in Northern Districts	1.00	..	1.00	..	1.00	1.00
(v) ,, 008	Production of Buffalo Frozen Semen	6.00	0.85	2.00	2.00	1.00	1.00
(vi) ,, 006	Herd Book Organisation	10.00	..	2.00	1.00	2.00	1.00
(vii) ,, 007	Quality Control Programme	5.00	..	8.00	5.00	5.00	2.00
Total: Dairy Development		410.00	57.25	102.00	111.00	115.00	47.50

* New Scheme

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3. Fluid Milk Plants							
	IDDT 012, 013 Milk Supply Schemes—Calicut, Can- & 014 nore and Kottayam ;	20.00	16.61	2.30	3.65	2.00	2.00
	Total: Fluid Milk Plants	20.00	16.61	2.30	3.65	2.00	2.00
4. Education and Training							
(i)	IDDT 009 Training of Personnel	10.00	0.67	2.00	0.60	1.00	..
(ii)	" 010 Dairy Training Centre	10.00	..	5.50	0.10	4.00	3.00
(iii)	" 011 Training to Scheduled Castes in Dairy- ing (Special Component Plan)	1.50	..	0.20	..	0.25	..
	Total: Education and Training	21.50	0.67	7.70	0.70	5.25	3.00
5. Feeds and Fodder Development							
(i)	IDDT 015 Improvement to Sewage Farm, Valia- thura	10.00	2.39	3.00	3.00	3.00	3.00
(ii)	" 016 (a) Inter Cropping of Fodder in Co- conut Gardens—Cultivation of Catch Crops in Rice Fallows— Cultivation of Grass Legume Mixture and Quick Maturing Fodder Crops in Crop Rotation	45.50	4.38	6.30	6.30	12.00	..
	(b) Special Component Plan	..	..	0.70	..	..	..
(iii)	" 021 (a) Fodder Seed Farm and Certified Seed Production	30.00	2.51	6.30	6.30	5.00	..
	(b) Special Component Plan	3.00	..	0.70	0.70	0.80	..
(iv)	" 019 Scheme for Conservation of Fodder on Silage, Hay Making in Forest Grass Lands and Fortification of Paddy Straw using Starch, Urea, Starch and Molasses	9.00	..	2.00	2.00	2.15	..
(v)	" — Fodder Banks	8.50	..	1.50	1.50	2.00	..
(vi)	" 022 Organisational and Administrative set up for Fodder Development (Seed Production, Promotion and Extension) in KLD & MM Board and Dairy Development Department	27.00	2.54	5.00	3.00	6.00	..
	Total: Feeds and Fodder Development	133.00	11.82	25.50	22.80	30.95	3.00
6. Others							
(i)	IDDT 023 (a) Tribal Area Sub Plan—Scheme for Free Distribution of Milch Cows	5.00	2.84	2.00	2.00	2.20	..
	024 (b) Training of Tribals in Diary Pro- duction—(Tribal Sub Plan)	2.50	..	0.50	0.50	0.60	..
(ii)	" 025 (a) Assistance to Dairy Co-operatives	53.00	6.51	9.00	9.00	8.00	..
	(b) Special Component Plan	6.00	..	1.00	1.00	1.50	..
	(c) Tribal Sub Plan	..	..	..	..	0.50	..
(iii)	" 026 Investment and Loans to KLD & MM Board	30.00	17.89	20.00	20.00	36.00	36.00
(iv)	" 027 (a) Inter Cropping of Fodder in Co- conut Gardens etc. (Special Component Plan)	10.00	0.35	1.00	1.70	2.00	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
DDT 028(a)	Assistance to Scheduled Castes for Taking Shares in Dairy Co-operatives (Special Component Plan)	5.00	..	1.00	1.00	1.50	..
(v) ,, 029(a)	Scheme for Free Distribution of Cross Bred Cows and Construction of Cattle Sheds—(Special Component Plan)	10.00	..	4.00	3.00	4.00	..
,, (b)	Tribal Sub Plan	..	..		1.00	1.50	..
	Total: Others	121.50	27.59	38.50	39.20	57.80	36.00
	TOTAL: DAIRY DEVELOPMENT	721.00	114.84	180.00	180.00	216.00	91.50
FISHERIES							
1. Direction And Administration							
IPSH 001	Strengthening on Administration including Planning and Statistical Cell	20.00	2.87	3.00	3.00	3.00	..
	Total: Direction and Administration	20.00	2.87	3.00	3.00	3.00	..
2. Extension							
IFSH 002	Extension	10.00	2.08	3.00	3.00	2.50	..
	TOTAL: Extension	10.00	2.08	3.00	3.00	2.50	..
3. Fish Farms							
(i) IFSH 005	Fish Seed Farms	50.00	5.37	10.00	10.00	10.00	8.00
(ii) ,, 017	(a) Composite Fish Culture	15.00	9.85	3.60	4.00	3.00	..
	(b) Special Component Plan	..	..	0.40	..	..	..
(iii) ,, 006	Brackish Water Fish/Prawn culture (including Survey of Inland/Brackish Water Resources)	31.50	9.47	7.00	7.00	10.00	6.00
(iv) ,, 016	Fish Farmers' Development Agencies	15.00	2.93	3.00	3.00	3.00	..
	TOTAL: Fish Farms	111.50	27.62	24.00	24.00	26.00	14.00
4. Hatcheries							
IFSH 008	Fish Seed Production	10.00	..	3.00	3.00	3.00	2.00
	Total: Hatcheries	10.00	..	3.00	3.00	3.00	2.00
5. Research							
(i) IFSH 012	Assistance to Kerala Agricultural University for Inland Fisheries Research including Setting up of a Fisheries College	5.00	2.00	2.00	2.00	..	..
(ii) ,, 011	Establishment of Market Research Unit	5.00	0.50	0.50	0.50	..	..
	Total: Research	10.00	2.50	2.50	2.50	..	..
6. Education and Training							
(i) IFSH 013	(a) Strengthening of Fishermen Training Centres and Establishment of Regional Fisheries Technical High Schools	45.00	8.30	18.00	18.00	25.00	20.00
	(b) Special Component Plan	5.00	0.70	2.00	2.00	..	..
(ii) ,, 014	Training to Pisciculturists	2.00	..	0.50	0.50	..	..
(iii) ,, 018	(a) Inservice Course for Fishery Personnel	5.00	0.40	0.90	1.00	..	..
	(b) Special Component Plan	0.10
	Total: Education and Training	57.00	9.40	21.50	21.50	25.00	20.00

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>7. Inland Fisheries</i>							
(i)	IFSH 019 (a) Development of Reservoir Fisheries	15.00	5.24	5.00	4.00	3.00	0.75
	(b) Tribal Sub Plan	5.00	..	..	1.00	1.00	0.25
(ii)	007 Partrolling in Backwaters and Development of Small Water Areas	6.50	2.59	2.50	2.50	0.50	0.50
(iii)	020 Mariculture of Mussels and Pearls	20.00	3.39	4.00	4.00	0.01	..
(iv)	021 Inland Fisheries Corporation Integrated Fishing/Duck-Farming* with Hungarian Collaboration	20.00	5.00	5.00	5.00	8.00	8.00
		..	..	..	..	32.00	28.00
	Total: Inland Fisheries	66.50	16.22	16.50	16.50	44.51	37.50
<i>8. Fishing Harbours and Landing Facilities</i>							
(i)	IFSH 035 Engineering Wing	2.50	0.03	0.50	0.50	0.25	..
(ii)	043 Development of Vizhinjam Fishing Harbour	307.00	72.00	72.00	72.00	50.00	50.00
(iii)	044 Development of Neendakara Fishing Harbour	185.00	20.00	25.00	25.00	50.00	40.00
(iv)	046 Fisheries Terminal Organisation	5.00	..	1.50	1.50	1.14	..
(v)	042 Development of Fish Landing Centres	50.00	7.00	8.00	8.00	8.00	8.00
	Total: Fishing Harbours and Landing Facilities	549.50	99.03	107.00	107.00	109.39	98.00
<i>9. Off-Shore Fisheries</i>							
	IFSH 009 Off-Shore Fishing	40.00	..	5.00	5.00	7.00	..
	Total: Off-Shore Fisheries	40.00	..	5.00	5.00	7.00	..
<i>10. Deep Sea Fisheries</i>							
	IFSH 004 Deep Sea Fishing and Tuna Fishing	10.00	..	5.00	5.00	40.00	40.00
	Total: Deep Sea Fisheries	10.00	..	5.00	5.00	40.00	40.00
<i>11. Processing, Preservation and Marketing</i>							
(i)	IFSH 022 Storage, Processing and Marketing including Cold Chain and Establishment of Large Fish Markets	42.00	5.00	8.00	8.00	8.00	4.00
(ii)	024 Village Infrastructure Facilities including Link Roads and Guide lights	200.00	29.96	59.999	60.00	50.00	40.00
(iii)	023 Organisation of Regulated Markets	5.00	0.50	1.00	1.00	0.10	..
	Total: Processing, Preservation and Marketing	247.00	35.46	68.999	69.00	58.10	44.00
<i>12. Mechanisation and Improvement of Fishing Crafts</i>							
	IFSH 025 Small Boat Mechanisation	100.00	34.00	25.00	25.00	35.00	30.00
	Total: Mechanisation and Improvement of Fishing Crafts	100.00	34.00	25.00	25.00	35.00	30.00

* New Scheme

STATEMENT GN-2

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1982-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Count
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
13. Others							
(i)	IFSH 026 (a) Assistance to Traditional Fisheries (Supply of Catamarans and Canoes, Engines and Fibre Glass Fishing Crafts)	60.00	5.00	18.00	15.00	12.50	2.50
	(b) Special Component Plan	15.00	0.90	2.00	5.00	12.50	2.00
(ii)	„ 027 Repair and Refitting Facilities	5.00	1.00	0.50	0.50	0.50	
(iii)	„ 029 (a) Housing including Rehabilitation of Fishermen Families at Vizhinjam and Subsidised Housing Programme	248.00	109.15	104.60	104.60	97.49	39.90
	(b) Special Component Plan	2.00	0.10	0.40	0.40	2.50	0.10
(iv)	„ 034 Dispensaries	30.00	5.00	10.00	10.00	15.00	14.00
(v)	„ 028 Assistance to Fishermen Co-operative Societies	3.00	2.00	1.00	1.00	1.00	..
(vi)	„ 045(a) Fishermen Welfare Societies	65.00	2.00	9.00	10.00	35.00	..
	(b) Special Component Plan	..	..	1.00	..	..	..
(vii)	„ 033 (a) Fishermen's Welfare Fund (Relief Measures, Financial Assistance for Marketing of Fish, Insurance and Debt Relief)	234.00	33.60	13.50	13.50	9.00	..
	(b) Special Component Plan	16.00	0.40	1.50	1.50	1.00	..
(viii)	„ 030 Assistance to Kerala Fisheries Corporation	35.00	7.00	7.00	7.00	10.00	10.00
(ix)	„ 031 Assistance to Kerala Fishermen's Welfare Corporation	50.00	8.00	10.00	10.00	5.00	4.00
(x)	„ 032 Land Acquisition Charges for the Rehabilitation of Displaced Families from the Cochin Fishing Harbour Area	0.50	2.77	0.001	0.001	0.00	0.01
(xi)	„ 047 Establishment of Aquarium at Cochin	5.00	0.10	0.10	0.10		..
Total: Others		768.50	177.02	178.601	178.601	201.50	74.01
Total: FISHERIES		2000.00	406.20	463.10	463.10	555.00	359.50
FORESTS							
1. Research, Education and Training							
(i)	IFOR 001 Forest Research	40.00	8.00	7.996	8.00	12.00	8.00
(ii)	„ 002 Education and Training of personnel	45.00	7.00	7.00	7.00	5.00	1.00
Total: Research, Education and Training		85.00	15.00	14.996	15.00	17.00	9.00
2. Inventory, Planning and Resources Development							
(i)	IFOR 004 Survey, Demarcation and Settlement of Forest Areas	45.00	7.00	5.00	5.00	10.00	10.00
(ii)	„ 037 Forest Resources Survey	15.00	1.50	2.00	2.00	2.00	0.50
(iii)	„ 038 Working Plans	5.00	0.50	1.00	1.00	0.50	0.50
(iv)	„ 034 (a) Cultural Operations	55.00	8.00	6.00	6.00	13.80	13.80
	(b) Tribal Sub-Plan	..	2.00	1.00	1.00	1.20	1.20
Total: Inventory, Planning and Resources Development		120.00	19.00	15.00	15.00	27.50	26.00

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Schemes/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3. Organisation and Institutions							
(i)	IFOR 039 Intensification of Management	32.00	4.00	4.00	4.00	4.00	2.00
(ii)	„ 007 Kerala Forest Development Corporation Transfer of Technology through Bilateral Agreement*	5.00	1.00	1.00	1.00	1.00	1.00
		..	..	..	..	1.00	..
	Total: Organisation and Management	37.00	5.00	5.00	5.00	6.00	3.00
4. Infrastructural Development							
(i)	IFOR 025 (a) Communications	..	28.00	30.00	20.00	12.00	12.00
	(b) Tribal Sub Plan	200.00	..		10.00	13.00	13.00
(ii)	„ 026 Buildings	150.00	27.00	28.00	28.00	16.00	16.00
(iii)	„ 027 Engineering Wing	50.00	7.50	4.50	4.50	10.00	2.00
	Total: Infrastructural Development	400.00	62.50	62.50	62.50	51.00	43.00
5. Production Forestry							
(i)	IFOR 009 (a) Plantation of Quick Growing Species	59.00	7.20	7.00	7.00	16.00	16.00
	(b) Special Component Plan	..	0.80	..	0.50	1.00	1.00
	(c) Tribal Sub Plan	..	..	1.00	0.50	1.00	1.00
(ii)	„ 008 Plantations of Economic and Industrial Uses						
	Teakwood	208.00	36.50	37.00	37.00	35.00	22.00
	Softwood	62.00					
	Rosewood	5.00					
	Balsa	3.00					
	Bamboos	3.00					
	Miscellaneous Species	19.00					
	(b) Special Component Plan	..	7.00	..	2.00	3.00	2.00
	(c) Tribal Sub Plan	..	..	7.00	5.00	6.00	4.00
(iii)	„ 014 Sandalwood Plantations	12.00	1.00	1.00	1.00	0.50	0.50
(iv)	„ 015 Wattle Plantations	15.00	1.50	2.00	2.00	1.50	1.50
(v)	„ 031 Regeneration and Improvement of Evergreen Forests	44.00	4.00	4.00	4.00	10.00	10.00
(vi)	„ 010 Plantation Crops in Forest Areas Cashew	24.00	2.00	2.00	2.00	4.00	4.00
(vii)	„ 024 Package Programme for Cashew Plantation	49.00	5.00	6.00	6.00	6.00	6.00
(viii)	„ 016 Supplemental Crops (Vanalekshmy)	30.00	16.00	11.00	11.00	3.00	3.00
	Total: Production Forestry	533.00	81.001	78.001	78.00	87.00	71.00
6. Social Forestry							
(i)	IFOR 021 (a) Farm Forestry	66.00	11.70	13.00	5.00	4.00	4.00
	(b) Farm Forestry-cum-Fuelwood Plantation—Special Component Plan	..	1.30	1.50	1.50	..	..
	(c) Tribal Sub Plan	..	..	..	..	2.00	2.00
7.	„ 012 Soil invertbrates and brack down of litter in the tropical wet evergreen moist deciduous forests—State's Share	..	0.001	0.001	..	..	..
8.	„ 013 Field studies on Neelgiri Langur—State's Share	..	0.001	0.001	..	..	..
(ii)	„ 006 Extension Forestry—Raising of Mixed Plantation in Waste Lands, Panchayat Lands etc.	37.00	4.00	4.00	4.00	2.00	2.00

* New Scheme

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(iii)	IFOR 005 Reforestation of Degraded Forests	13.00	3.00	3.00	3.00	3.00	3.00
(iv)	„ 017 Recreation Forestry	10.00	2.00	1.00	1.00	2.00	2.00
(v)	„ 022 Extension Forestry Organisation	20.00	4.00	4.00	4.00	5.00	2.00
(vi)	„ 021 Fuelwood Plantations	84.00	..	..	8.00	7.00	7.00
	Total Social Forestry	230.00	26.00	26.50	26.50	25.00	22.00
9. Wild Life and Environmental Conservation							
(i)	IFOR 018 Afforestation of Special Sites	7.00	0.50	1.00	1.00	0.50	0.50
(ii)	„ 028 Wild Life Management and Conservation	100.00	20.75	23.00	23.00	18.00	12.00
(iii)	„ 003 Protection of Forests—Forest Protection	100.00	10.00	10.00	10.00	20.00	2.00
(iv)	„ 030 (a) Fire Protection	110.00	19.00	19.00	19.00	28.00	3.00
	(b) Tribal Sub Plan	..	1.00	1.00	1.00	2.00	..
	Total: Wild Life and Environmental Conservation	317.00	51.25	54.00	54.00	68.50	17.50
10. Resources Development and Utilisation							
(i)	IFOR 036 Mechanised Logging, Extraction and Marketing of Timber	3.50	0.50	0.50	0.50	0.50	..
(ii)	„ 019 Development of Forest Based Industries	3.50	0.50	2.50	2.50	40.00	40.00
(iii)	„ 023 (a) Development of Minor Forestry Produce	20.00	1.00	..	2.00	0.50	..
	(b) Tribal Sub Plan	..	..	3.00	1.00	1.50	..
	Total: Resources Development and Utilisation	27.00	2.00	6.00	6.00	42.50	40.00
11. Others							
(i)	IFOR 032 Forest Publicity	30.00	6.00	6.00	6.00	5.00	1.00
(ii)	„ 029 Planning and Statistical Cell	24.00	4.50	4.00	4.00	4.50	..
(iii)	„ 033 Amenities to Labour and Tribal Welfare (Tribal Sub Plan)	50.00	10.00	10.00	10.00	7.00	7.00
(iv)	„ 035 Tribal Cooperative Societies for Collection of M.F. P.—Grant-in-aid (Tribal Sub Plan)	8.00	2.50	3.00	3.00	1.00	0.50
(v)	„ 040 Elimination of Private Contract in the Forest Department	0.50	..	0.001	0.001	..	..
(vi)	„ 041 Constitution of Vested Forest Development Authority	0.50	..	0.001	0.001	..	..
(vii)	Teak Museum	..	1.00	..	..	..	..
	Total: Others	113.00	24.00	23.002	23.002	17.50	8.50
	Total: FORESTS	1862.00	285.751	284.999	284.502	342.00	240.00
Investments in Agricultural Financial Institutions							
IIA1 001	S3 Kerala Co-operative Central Land Mortgage Bank—Purchase of Debentures	1100.00	150.00	150.00	150.00	180.00	..
	Total: INVESTMENTS IN AGRICULTURAL FINANCIAL INSTITUTIONS	1100.00	150.00	150.00	150.00	180.00	..

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III. SECTORAL PROGRAMME—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
COMMUNITY DEVELOPMENT AND PANGHAYATH							
A. Community Development							
1 C. D. Programmes							
(i)	ICDI 009 (a) Agriculture	25.00	4.50	4.50	4.50	4.75	..
	(b) Special Component Plan for SCs	2.50	0.50	0.50	0.50	0.50	..
	(c) Tribal Sub Plan	—	—	—	..	0.25	—
(ii)	„ 010 (a) Minor Irrigation	25.00	5.67	5.67	5.67	5.00	..
	(b) Special Component Plan for SCs	3.00	0.63	0.63	0.63	0.50	—
	(c) Tribal Sub Plan	—	—	..	..	0.13	—
(iii)	„ 011 (a) Animal Husbandry	20.00	4.00	4.00	4.00	4.25	—
	(b) Special Component Plan for SCs	2.50	0.50	0.50	0.50	0.50	—
	(c) Tribal Sub Plan	—	—	—	..	0.25	—
(iv)	„ 014 (a) Industries	4.50	0.90	0.90	0.90	0.90	—
	(b) Special Component Plan for SCs	0.50	0.10	0.10	0.10	0.10	..
	(c) Tribal Sub Plan	—	—	—	—	0.10	—
(v)	„ 008 Education	60.00	12.00	11.70	12.50	12.00	..
(vi)	„ 012 (a) Health and Sanitation	2.00	0.40	0.40	0.40	0.40	..
	„ 013 (b) Environmental Sanitation—Special Component Plan for SCs.	2.00	0.40	0.60	0.60	0.40	..
	(c) Tribal Sub Plan	..	—	..	..	0.20	—
(vii)	„ 015 (a) Roads—Special Component Plan for SCs.	5.00	1.00	1.00	1.00	0.75	..
	(b) Tribal Sub Plan	..	..	..	..	0.25	..
(viii)	„ 007 Strengthening of Block Administration	35.00	16.50	6.50	20.00	9.20	..
2.	„ 016 Extension—Strengthening of Supervisory Machinery for Women Workers	3.00	0.50	0.50	0.50	0.62	..
3.	„ 017 Demonstration and Training	12.00	2.00	2.50	11.00	3.00	..
4.	„ 005 Publication of Monthly Journal—'Gramabhoomi'	5.00	0.40	1.00	2.65	1.20	..
5.	„ 019 (a) National Rural Employment Programme—State's share	2400.00	811.50	600.00	820.00	560.00	..
	(b) „ Special Component Plan for SCs.	..	..	..	..	144.00	..
	(c) „ Tribal Sub Plan	..	..	..	..	20.00	..
6.	UNICEF aided Schemes						
	(i) Assistance to Mahilasamajams and Youth Clubs for Production Programme	30.00	..	..	..	..	..
	(ii) Training Programmes	5.00	..	..	..	..	..
	(iii) Awards to Mahilamandals	4.00	..	..	..	..	..
	(iv) Purchase and Supply of Garden Tools	7.50	..	..	..	..	..
	(v) Purchase and Supply of Seeds, Seedlings and Fertilizers	7.50
Total: A		2661.00	861.50	641.00	885.45	769.25	—

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83		
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
B. Panchayats								
1. 001	Training Institutions in Local Administration	25.00	4.00	6.00	2.00	12.00	10.00	
2. 004	Publication of Panchayat Raj Journal	10.00	1.00	3.00	3.00	3.00	..	
3. 002	Assistance to Panchayat Raj Institutions—Loans	500.00	260.00	115.00	15.00	24.75	..	
	— Grants	..	..	..	1000.00	120.00	..
4. 022	(a) Environmental Amenities to the Poor	} 444.00	} 100.00	} 55.00	..	20.00	..	
	(b) Special Component Plan for S.Cs				..	100.00	30.00	..
	(c) Tribal Sub Plan				5.00	..
	Total: B	979.00	365.00	179.00	1120.00	214.75	10.00	
C. Rural Development Board								
003	Remunerative Development Schemes	500.00	60.50	100.00	100.00	120.00	120.00	
	Total: Community Development and Panchayat	4140.00	1287.00	920.00	2105.45	1104.00	130.00	
	Total: I—AGRICULTURE AND ALLIED SERVICES	33613.00	5389.581	5756.001	7238.352	6992.51	2156.00	
II. Co-OPERATION								
1. Direction and Administration								
	COP-002 Reorganisation of the Co-operative Department	195.00	2.00	25.00	25.00	55.00	..	
2. Credit Co-operatives								
(i)	2COP-003 LTD Financial Schemes—Share Capital Contribution to Credit Co-operatives	330.00	145.00	40.00	50.00	53.00	33.00	
(ii)	004 Managerial Subsidy and Other Support Programmes	100.00	1.20	25.00	15.00	10.00	..	
(iii)	005 Interest Subsidy on Loans	210.00	593.38	25.00	250.00	36.00	..	
(iv)	(a) Interest Free Loans to Harijan and Interest Subsidy to Small Farmers	..	..	..	..	..	..
	(b) — Special Component Plan for Scheduled Castes & Scheduled Tribes	100.00	..	15.00	350.00	20.00	..	
	(c) — Tribal Sub Plan	..	..	5.00	..	5.00	..
(v)	006 Outright Grant for Special Bad Debt Reserve Fund/Risk Fund	40.00	3.00	15.00	15.00	7.00	..	
(vi)	007 Incentive Grant for Deposit Mobilisation and Deposit Guarantee Scheme	90.95	20.80	33.00	20.00	20.00	..	
(vii)	008 Agricultural Credit Stabilisation Fund	2.00	..	..	..	0.50	..
(viii)	009 Urban Co-operative Banks—Subsidy for Construction of Buildings	20.00	..	5.00	5.00	5.00	..	
	Total: Credit Cooperatives	892.95	763.38	163.00	705.00	156.50	53.00	

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3.	2COP-010 Housing Co-operatives—Managerial Subsidy	30.00	2.82	5.45	3.50	4.00	..
4.	<i>Labour Contract Co-operative</i>						
	(i) 2COP-011 Managerial Subsidy	5.50	0.30	1.00	1.00	1.00	..
	(ii) „ 012 Share Capital Contribution	2.00	0.30	0.50	0.50	0.60	0.60
	Total	7.50	0.60	1.50	1.50	1.60	0.60
5.	<i>Farming Cooperatives</i>						
	2COP-013 Financial Assistance to Farming Co-operative Societies—Managerial Subsidy, Share Capital Contribution and Loan-cum Subsidy	29.20	1.30	5.003	5.00	6.10	3.60
6.	<i>Storage, Warehousing and Marketing Co-operatives</i>						
	(i) 2COP-014 Subsidy for Construction of Godowns	55.00	5.00	10.00	10.00	12.00	..
	(ii) „ 015 Share Capital Contribution to Marking/Processing Co-operatives	220.00	12.00	50.00	50.00	50.00	38.00
	(iii) „ 016 Price Fluctuation Fund	10.00	0.10	2.00	2.00	10.00	..
	(iv) „ 017 Managerial Subsidy to Primary Marketing/Processing Co-operatives	35.00	2.00	4.00	6.00	18.30	..
	(v) „ 018 Loans to Kerala State Coir Marketing Federation	..	60.00	..	..	..	..
	Total	320.00	79.10	66.00	68.00	90.30	38.00
7.	„ 019 Processing Cooperatives—Share Capital Contribution	60.00	3.00	15.00	15.00	15.00	15.00
8.	<i>Consumer Co-operatives</i>						
	(i) 2COP-020 Reorganisation of Co-operative Consumer Activities	206.00	42.05	35.002	35.00	50.00	22.50
	(ii) „ 021 Student's Stores	54.35	12.75	6.00	10.00	8.00	3.00
	(iii) „ 022 Loan cum Subsidy to Lead Societies under Rural Consumer Schemes for Office cum Godowns	35.00	3.50	4.00	4.00	4.00	3.00
	Total	295.35	58.30	45.002	49.00	62.00	28.50
9.	<i>Audit of Co-operatives</i>						
	2COP-023 Publication of Co-operative Audit Manual, Revision of Audit Reports—Establishment and Contingent Expenses	5.00	..	1.00	1.00	1.00	..
10.	<i>Co-operative Education, Research and Training</i>						
	(i) 2COP-024 Expansion of Co-operative Training College.	10.00	5.00	1.00	1.00	2.00	..
	(ii) „ 025 Grant to Circle Co-operative Union	8.00	1.00	3.00	1.00	1.50	..
	(iii) „ 026 Non-official Education, Seminars, Study-Tours and Orientation Courses	19.00	2.25	5.00	5.00	5.00	..
	(iv) „ 027 } Research and Training in Co-	23.00	4.85	5.00	5.00	5.00	..
	„ 028 } operation						
	„ 029 }						
	Total	60.00	13.10	14.00	12.00	13.50	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
11. Information and Publicity							
2COP-001	Publication of Co-operative Journal-Capital and Revenue Expenses	5.00	0.10	1.00	1.00	1.00	..
12. Other Co-operatives							
(i) 2COP-030(a)	Harijan/Girijan Co-operatives	..	..	..	..	..	..
(b)	Special Component Plan to Scheduled Castes & Scheduled Tribes	173.00	30.70	33.50	41.50	35.50	2.00
(c)	Tribal Area Sub Plan	—	..	..	..	10.00	..
(ii) 2COP-031	Women's Co-operatives	5.00	0.65	3.00	3.00	2.00	..
(iii) ,, -032	Financial Assistance to Co-operative Hospitals/Dispensaries	65.00	25.71	11.002	15.00	15.00	7.25
(iv) ,, -033	Employees Co-operative Societies	8.00	2.20	1.50	1.50	2.00	1.50
(v) ,, -034	Assistance to Co-operative Undertaking-Minor Irrigation Works	10.00	..	4.00	—	0.50	—
(vi) ,, -035 to -042	Co-operatives Organised for Promotion of Employment	39.00	12.45	10.01	15.00	15.00	14.00
Sb Total		300.00	71.71	63.012	76.00	80.00	24.75
TOTAL-II CO-OPERATION		2200.00	995.41	404.967	962.00	486.00	163.45

III IRRIGATION, FLOOD CONTROL & POWER

Major and Medium Irrigation

1. Major Schemes

(A) On-going Schemes

(i) 3IRN-005	Kallada	14000.00	1095.75	2000.00	2000.00	2638.00	2638.00
(ii) ,, -004	Pamba	1500.00	333.47	400.00	400.00	400.00	400.00
(iii) ,, -015	Muvattupuzha	1320.00	363.88	290.00	290.00	300.00	300.00
(iv) ,, -003	Periyar Valley	1250.00	404.03	220.00	220.00	275.00	275.00
(v) ,, -013	Chimoni	660.00	91.14	140.00	140.00	140.00	140.00
(vi) ,, -007	Chitturpuzha & Moolathara	340.00	67.39	100.00	100.00	100.00	100.00
(vii) ,, -008	Kanhirapuzha	1510.00	415.92	350.00	350.00	350.00	350.00
(viii) ,, -006	Kuttiadi	680.00	342.81	160.00	160.00	177.00	177.00
(ix) ,, -009	Pazhassi	1850.00	615.79	450.00	450.00	500.00	500.00

(B) New Schemes

(x) 3IRN-012	Idamalayar	600.00	12.40	110.00	110.00	150.00	150.00
(xi) ,, -019	Kuriarkutty-Karappara	140.00	20.58	30.00	30.00	30.00	30.00
(xii) ,, -018	Beyporepuzha	75.00	3.56	10.00	10.00	15.00	15.00
(xiii) ,, -020	Kakkadavu	200.00	39.67	30.00	30.00	30.00	30.00

2. Medium Schemes

(A) On-going Schemes

(i) 3IRN-011	Attappady	375.00	100.34	55.00	55.00	65.00	65.00
(ii) ,, -010	Karapuzha	375.00	145.71	50.00	50.00	60.00	60.00

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

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				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>(B) New Schemes</i>							
(iii)	3IRN-017 Vamanapuram	55.00	2.47	10.00	10.00	20.00	20.00
(iv)	„ 014 Meenachil	45.00	1.19	10.00	10.00	20.00	20.00
(v)	„ 021 Banasurasagar	75.00	60.00	5.00	5.00	5.00	5.00
3.	„ 016 Other Projects	200.00	35.60	40.00	40.00	40.00	40.00
4.	„ 001 Research, Survey & Investigation	355.00	28.93	40.00	40.00	85.00	..
TOTAL: MAJOR AND MEDIUM IRRIGATION		25605.00	4180.63	4500.00	4500.00	5400.00	5315.00
<i>Flood Control and Anti-Sea Erosion</i>							
1.	3FCA 001 (i) Flood Control	1000.00	113.587	75.00	75.00	150.00	150.00
2.	„ 002 (ii) Anti-Sea Erosion	1500.00	217.753	175.00	175.00	300.00	300.00
		3000.00*	350.00*	350.00*	350.00*	600.00*	600.00*
Total—Flood Control and Anti-Sea Erosion		2500.00	331.340	250.00	250.00	450.00	450.00
		3000.00*	350.00*	350.00*	350.00*	600.00*	600.00*
<i>Power Development</i>							
1. Generation							
<i>(A) On-going Schemes</i>							
(i)	3POW 001 Idamalayar	1267.00	782.00	400.00	1200.00	600.00	600.00
(ii)	„ 003 Idukki III Stage	303.00	135.00	133.00	133.00	108.00	108.00
(iii)	„ 004 Sabarigiri Augmentation	10.00	49.00	(-) 40.00	50.00	25.00	25.00
(iv)	„ 005 Sabarigiri VI Unit Replacement	86.00	38.00	..	..	..	..
(v)	„ 006 Kakkad	1500.00	193.00	440.00	340.00	625.00	625.00
(vi)	„ 004 Idukki II Stage *	3000.00	250.00	250.00	350.00	500.00*	500.00*
(vii)	„ 002 Silent Valley	..	31.00	..	10.00	10.00	10.00
<i>(B) New Schemes</i>							
(viii)	„ 007 Kallada					200.00	200.00
(ix)	„ Lower Periyar and Others					172.00	172.00
<i>(C) Advance Action on New Schemes</i>							
(x)	„ 011 Mananthavady, Pooyankutty, Kallada, Adirappally, Perinjankutty, Pandiyar-Punnappuzha etc.	3000.00	50.00	70.00	520.00	..	..
(xi)	Advance Action on Alternate Source of energy					10.00	..
TOTAL GENERATION		9166.00	1278.00	1253.00	2603.00	1750.00	1740.00
						500.00*	500.00*
2.	3POW 017. Survey and Investigation	435.00	92.00	75.00	40.00	80.00	..
3. „ 012 Transmission							
220 K.V. lines		8000.00	1310.00	1300.00	1300.00	1900.00	1900.00
110 K.V. lines, 66 K.V. lines							
220 K.V. Sub Stations							
110 K.V. and 66 K.V. Sub Stations							
TOTAL TRANSMISSION		8000.00	1310.00	1300.00	1300.00	1900.00	1900.00

*Special Central Assistance

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Distribution and Rural Electrification							
(i)	3POW 013	Distribution					
		Reduction of Losses				488.00	488.00
	016(a)	Rural Electrification-Normal				130.00	130.00
	(b)	Rural Electrification—Special Component Plan				32.00	32.00
	(c)	Do. Tribal Sub-Plan	13672.00	4260.00	2172.00	2467.00	1620.00
	015	Rural Electrification Corporation					
TOTAL: POWER DEVELOPMENT		31273.00	6940.00	5000.00	6410.00	6000.00 500.00*	5910.00 500.00*
TOTAL III—IRRIGATION, FLOOD CONTROL AND POWER		59378.00 3000.00*	11451.97 350.00*	9750.00 350.00*	11,160.00 350.00*	11850.00 1100.00*	11675.00 1100.00*

IV. INDUSTRY AND MINERALS

Village and Small Industries**A. Small Scale Industries****1.4 VSI**

012	Departmental Administration	95.00	7.726	16.00	21.00	36.00	..	
2	045	District Industries Centres (State Share)						
	(a)	(Including R.I.P. and other Projects and Construction of Buildings)	425.00	80.867	50.00	99.84	90.00 2.00	10.00
	(b)	Special Component Plan (Loan for Machinery, Seed Capital etc.)					0.80	
	(c)	Tribal Sub Plan						
3. Industrial Co-operatives								
(i)	008 (a)	Share Participation in District Mini. Industrial Estate Co-operative Society	7.00	..	0.001	..	..	..
	(b)	Special Component Plan	..	..	..	..	..	..
(ii)	009	Share Participation in District Industrial Co-operative Bank	30.00	..	..	..	..	..
(iii)	021 (a)	Managerial, Technical and Other Assistance to Industrial Co-operatives	10.00	1.311	4.00	4.00	0.90	..
	(b)	Special Component Plan	..	..	..	..	0.10	..
(iv)	026	Grant towards Contribution to Reserve Fund	2.00	..	0.50	0.50	0.50	..
(v)	027	Survey, Revitalisation and Monitoring of Viable and Potentially Viable Co-operative Societies	10.00	2.661	1.50	3.00	20.00	5.00
(vi)	060	Interest Subsidy to Industrial Co-operative Societies	10.00	0.021	2.00	2.00	1.00	..
(vii)	070	Share Participation in Small Scale Industrial Co-operative Societies	20.00	7.225	..	30.00	10.00	..
..	(viii)	Formation of an Apex Society for Small Scale Industrial Units	..	..	..	..	5.00	5.00
..	(ix)	Creation of a Cadre of Professional Managers for Industrial Co-operatives	..	..	..	..	1.00	..

* Special Central Assistance

STATEMENT GN-2

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1982-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Women's Industrial Programmes							
(i) 037	(a) Scheme for Women's Industries	50.00	15.065	3.00	12.00	4.50	..
	(b) Special Component Plan	..	..	..	..	0.50	..
(ii) 038	(a) Share Participation in Women's Industrial Societies	10.00	5.355	1.00	14.00	4.50	5.00
	(b) Special Component Plan	..	..	..	..	0.50	..
(iii) 049	Aid to Women Industrial Units for Participation in Exhibition	0.02	0.016	..	..	..	..
(iv) 048	Starting of Production-cum-Training Centre	1.50	..	..	..	..	..
5. Economic Investigation							
(i) 019	Industrial Information Centre	10.00	1.973	3.00	3.00	2.00	..
(ii) 028	Aid to Small Industries Association	5.00	0.689	2.00	2.00	1.00	..
(iii) 035	Setting up of a Documentation Centre	15.00	0.182	3.00	3.00	3.00	..
(iv) 040	Subsidy for Publication of Periodicals, Pamphlets etc., for Entrepreneurial Guidance	7.00	0.789	1.50	1.50	1.50	..
(v) 044	Study on Requirement and availability of Raw Materials for Small Scale Industrial Units	10.00	2.530	2.50	3.00	3.00	..
(vi) 047	Study on Linkage of DICs with other Agencies	0.50	0.150	..	..	..	..
6. Marketing Assistance and Publicity							
(i) 018	Trade Fairs and Exhibitions	20.00	1.771	5.90	8.50	5.00	..
(ii) 020	Quality Marking	2.00	0.025	..	..	..	..
(iii) 050	Measures for Export Promotion	10.00	1.778	5.00	5.00	3.00	..
(iv) 067	Organisation for District Level Marketing Depots	1.00	0.601	..	..	..	..
(v) 032	Subsidy for Publicity and Advertisement and Other Market Support for SSI Products	5.00	0.716	1.00	1.00	1.00	..
(vi) 033	Subsidy for Registration with Export Promotion Council and Indian Standard Institution	5.00	1.560	1.00	1.00	1.00	..
(vii) 051	Marketing Organisation for Small Industries	120.00	..	20.00	20.00	20.00	..
(viii) 014	Publicity -cum-Display Van	1.00	0.126	..	..	..	..
7. Technical Assistance and Training Programme							
(i) 058	(a) Subsidy for Project Report and Technical Know-how	30.00	0.410	1.00	1.00	1.80	..
	(b) Special Component Plan	..	..	..	..	0.20	..
(ii) 059	Development of Prototypes in Small Scale Industrial Units	5.00	0.794	1.00	1.00	1.00	..
(iii) 036	Entrepreneurial Development and Training Programme	15.00	1.178	3.00	5.00	5.00	..
(iv) 034	(a) Modernisation Subsidy	5.00	0.027	1.00	1.00	0.90	..
	(b) Special Component Plan	..	..	..	..	0.10	..
(v) 063	(a) Kasaragode Development	10.00	2.489	1.50	1.50	1.80	..
	(b) Special Component Plan	..	..	..	..	0.20	..
(vi) 057	Margin Money for New Industrial Complex in Municipal Areas and District Headquarters	3.00	..	0.001	0.001

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Schemes/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(vii) 042	(a) Training and Interest-free loan to young Entrepreneurs	150.00	..	50.00	50.00	36.00	..
	(b) Special Component Plan	..	..	..	..	4.00	..
(viii) 043	Industrial Academy	25.00	5.000	1.00	1.00	1.00	1.00
8. Assistance to SIDECO and KFC							
(i) 011	Expansion of Ceramic Service Centre	10.00	3.581	1.50	4.00	4.00	..
(ii) 024	Interest Subsidy to Kerala Financial Corporation	40.00	..	..	61.00	..	..
(iii) 062	Share Participation in Small Industries Development and Employment Corporation	30.00	10.000	14.00	14.00	10.00	10.00
(iv) 041	Industrial Complexes	9.00	..	2.00	2.00	2.00	2.00
9. Promotional Programmes							
(i) 013	(a) Seed Capital to Entrepreneurs to start Industries	300.00	31.271	18.00	85.20	21.00	15.00
	(b) Special Component Plan	..	..	2.00	..	2.20	..
(ii) 046	State Investment Subsidy	385.00	48.967	30.00	50.00	30.00	..
(iii) 061	Revitalisation of Sick Small Scale Units	100.00	0.050	15.00	75.00	50.00	..
10. Employment Promotion Programme							
(i) 015	Margin Money for Revitalisation of Engineering Co-operative Societies	0.02	..	..	..	..	..
(ii) 016	Refund of Share Value in Engineering Co-operative Societies of Unemployed Engineers	5.00	1.230	0.50	2.00	..	..
(iii) 069	Soft Loan to Engineering Co-operative Societies of Unemployed Engineers	1.00	0.647	..	..	..	..
(iv) 066	Loan to Engineering Co-operative Societies	2.00	2.000	..	..	..	..
11. Other Schemes							
(i) 031	(a) Subsidy for the Construction of Mini Industrial Estates	25.00	..	5.40	15.00	3.60	..
	(b) Special Component Plan	..	..	0.60	..	0.40	..
(ii) 031	Interest Subsidy to Small Scale Industrial Units	5.00	0.494	3.00	16.00	3.00	..
(iii) 054	(a) Educational Grant to Children of workers in Traditional Industries	3.00	..	..	..	..	..
	(b) Special Component Plan	..	..	..	..	..	..
(iv)	Central Tool Room at Palghat and Ernakulam	..	..	..	..	10.00	10.00
(v)	Field Testing Stations—Land and Buildings	12.96	..	..	..	3.00	3.00
(vi)	Nucleus Industrial Complex	..	..	..	..	15.00	10.00
(vii)	Interest-Free Sales Tax Loan to Small Scale Industrial Units	..	..	..	..	5.00	5.00
TOTAL—Small Scale Industries		2053.00	241.275	273.402	619.041	429.00	81.00
146	Cashew Industry	31.00	..	0.002
147	Bricks and Tiles Industry	2.00	..	0.10

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83		
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
B. Industrial Estate								
1.	001	Common Facility Service Centre, Changanacherry	5.00	0.811	1.00	1.00	1.00	..
2.	002	Functional Industrial Estate for Leather	5.00	..	1.00	1.00	1.00	1.00
3.	003	Rent Subsidy on Industrial Estate	2.00	..	0.50	0.50	0.50	—
4.	004	Providing Additional Facilities in the Existing Development Plots	50.00	0.264	9.00	9.00	10.00	10.00
5.	005	Harijan Development and Tribal Programmes (Special Component Plan)						
	(a)	Industrial Estate for Harijans	20.00	3.000	5.00	3.00	4.00	3.00
	(b)	Organisation for Collection and Distribution of Raw Materials	10.00	..	2.00	2.00	..	..
	(c)	Stipendary Training for SC/ST	5.00	0.583	0.50	0.65	1.00	..
	(d)	Tribal Arca Sub Plan	5.00	..	1.00	1.00	1.00	..
	(e)	Loan to Harijan Entrepreneurs	100.00	17.163	15.00	18.00	15.00	..
6.	006	Rural Industries Centre, Kadanad	5.00	..	0.001	..	..	..
7.	007	New Development Plots including those in the Backward Areas	175.00	2.454	5.00	8.00	15.00	15.00
8.		Functional Industrial Estate for Rubber at Malappuram	10.00	..	..	..	2.00	2.00
9.		Industrial Estate for Ceramics, Mangattuparamba, Cannanore	8.00	..	..	..	1.00	1.00
		TOTAL—Industrial Estates	400.00	24.275	40.001	44.15	51.50	32.00

Handloom Industry:

1	4VSI 080	Expansion and Organisation of Industrial (Factory type) Co-operatives—State Share	50.00	4.57	16.00	35.00	20.32	18.15
2	„ 081	Services of Departmental Personnel	2.50	0.17	0.50	0.50	0.60	..
3	„ 083	(a) Modernisation of Looms—State Share	10.00	5.00	4.00	3.50	3.50	3.50
		(b) Do. Special Component Plan for Scheduled Castes		2.36				
4	„ 084	Warehouse Loan to Primary Weavers Co-operative Societies	12.00	3.26	2.50	2.50	2.50	2.50
5	„ 086	Quality Control	1.00	..	0.20	0.20	0.25	..
6	„ 087	Share Capital Loan to Handloom Weavers—State share	5.00	1.00	0.50	0.50	0.60	..
7	„ 088	Construction of Worksheds/Godowns by Apex/Regional and Primary Weavers Societies—(NCDC Scheme)— State Share	40.00	8.06	10.00	10.00	10.00	10.00
8	„ 089	Expansion of Dye house and Establishment of New ones	3.00	0.88	1.00	1.00	1.00	1.00
9	„ 090	Training of Weavers	4.00	0.59	1.00	1.00	1.00	1.00
10	„ 091	Training of Employees of Weavers Co-operative Societies	1.50	..	0.05	0.05	0.05	0.05
11	„ 093	Handloom Houses	3.00	..	0.50	0.50	0.60	0.60
12	„ 094	Subsidy for Payment of Rebate on Sale of Handloom Cloth—State Share	200.00	91.41	90.00	130.00	106.00	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83						
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)					
13	095	Publicity and Propaganda	30.00	4.18	8.00	8.00	10.56	..				
14	096	Subsidy to Co-operative Bank Against Loss of Interest	25.00	10.17	6.00	6.00	8.00	..				
15	097	Pilot Centre for Reserve Bank of India Scheme	2.00	..	0.30	0.30	0.30	..				
16	098	Grant to State Handloom Weavers' Apex Co-operative Society	1.00	..	0.30	0.30	0.30	..				
17	099	Training of Departmental Personnel	0.50	0.08	0.15	0.15	0.20	..				
18	100	Subsidy for the Cost of Bank Inspectors	3.00	..	1.50	1.50	1.50	..				
19	101	Weavers' Common Facility Centre	4.00	..	1.00	1.00	1.00	—				
20	102	Share Contribution to Handloom Apex Society—State Share	40.00	7.00	7.00	7.00	9.50	6.05				
21	103	Intensive Development Project for Handloom	153.50	22.44	40.00	40.00	43.00	36.30				
22	104	Revitalisation of Languishing Weavers' Co-operative Societies	2.50	..	0.50	0.50	0.60	..				
23	105	(a) Government Participation in the Share Capital of Primary Weavers' Co-operative Societies—State Share	45.00	2.87	5.00	4.00	9.00	—				
		(b) Do. Special Component Plan for Scheduled Castes		1.00					..	1.00	2.00	—
24	106	Mobile Van and Trucks	8.00	..	5.001	5.001	6.00	6.00				
25	107	Kerala Handloom Development Corporation—State Share	30.00	7.00	7.00	7.00	7.00	5.00				
26	108	(a) Renovation of Weavers' Houses	8.00	2.52	2.17	1.67	2.25	—				
		(b) Do. Special Component Plan for Scheduled Castes		1.00					..	0.50	0.75	—
27	109	(a) Managerial Assistance to Primary Handloom Societies State Share	25.00	5.00	5.00	4.50	4.50	..				
		(b) Do. Special Component Plan for Scheduled Castes		1.55					..	0.50	0.50	..
28	110	Contributory Thrift Fund	4.00	0.57	1.00	1.00	1.00	..				
29	111	Strengthening of Staff in the Directorate and Sub Offices	7.00	2.00	2.00	2.00	2.00	..				
30	112	(a) Training of Scheduled Castes/Scheduled Tribes in Handloom Weaving—Special Component Plan for Scheduled Castes	12.00	1.89	5.00	4.50	5.05	..				
		(b) Do. Tribal Sub Plan		1.00					..	0.50	1.50	..
31	113	(a) Organisation of Handloom Weavers' Co-operative Societies for Scheduled Caste/Scheduled Tribes—Special Component Plan	30.00	3.00	7.00	7.00	7.00	5.00				
		(b) Do. Tribal Sub Plan		1.39					1.47	1.05
32	4VSI 120	Award of Scholarships to Children of Weavers	1.00	0.08	0.25	0.25	0.25	—				
33	122	Establishment of Market Research, Planning and Monitoring Wing.	6.00	0.53	1.57	1.57	2.00	—				
34	114	Grant to Write off Bad Debts/Loss of Weak Primary Weavers' Co-operative Societies Central Co-operatives	3.00	..	1.00	1.00	1.00	—				
35	117	(a) Purchase and Distribution of Looms to Loomless Weavers—State Share	15.00	0.20	2.00	1.50	2.00	1.50				
		(b) Do. Special Component Plan for Scheduled Castes		0.10					..	0.50	0.60	0.35
		(c) Do. Tribal Sub-Plan		0.05					0.25	0.15

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
36	Interest Subsidy to Keala State Handloom Development Corporation and Apex Society on Account of Special Credit Accommodation Working Capital Loan etc.	2.00	..	..	..	6.00	..
37	Establishment of an Institute of Textile Technology	2.00	..	..	..	1.00	1.00
38	4VSI S6 Establishment of Collective Weaving Centres	..	..	0.002	0.002	..	..
39	„ S8 Marketing Depot	0.50	..	0.01	0.01	..	..
40	„ S6 Assistance to Kerala State Handloom Weavers' Co-operative Societies and Handloom Development Corporation to Create Yarn Price Fluctuation Fund	3.00	..	0.001	0.001	..	..
41	4VSI 116 Creation of Welfare fund to Weavers	2.00	..	0.001	0.001	..	..
42	„ 119 Award of Prize for Handloom Fabrics	0.50	..	0.001	0.001	..	..
43	„ 118 State Outlay for Institutionally Sponsored Schemes	2.50	..	..	..	..	..
Total—Handloom Industry		800.00	192.92	235.006	294.006	285.00	99.70
D. Powerloom Industry:							
1	4VSI 074 Training in Powerloom Weaving	6.00	0.03	0.50	0.50	0.50	..
2	„ 075 Managerial Grant to Powerloom Weavers' Co-operative Societies	7.00	0.06	0.50	0.50	0.50	..
3	„ 076 Share Participation in the Powerloom Weavers' Co-operative Societies	7.00	1.15	1.50	1.50	1.50	..
4	„ 077 Organisation of Powerloom Weavers' Co-operative Societies	4.00	0.91	0.50	0.50	0.50	..
5	„ 078 Revival of Dormant Powerloom Weavers' Co-operative Societies	5.00	..	2.00	2.00	2.00	1.60
6	„ 079 Expansion of Warping and Sizing Industrial Co-operative Society	1.00	..	1.00	..	..	..
7	Establishment of Weavers' Service Centre for Powerlooms	..	..	..	..	1.00	1.00
Total—Powerloom Industry		30.00	2.15	6.00	5.00	6.00	2.60
E. Khadi & Village Industries:							
4VSI 144	(a) Khadi and Village Industries	500.00	30.00	50.00	50.00	56.00	} 30.00
	(b) Do. Special Component Plan for Scheduled Castes	..	..	..	..	12.00	
	(c) Do. Tribal Sub Plan	..	..	..	..	2.00	
Total—Khadi & Village Industries		500.00	30.00	50.00	50.00	70.00	30.00
F. Handicrafts							
1.	4VSI 123 Assistance to Handicrafts Co-operatives	45.00	5.43	3.001	10.00	4.00	..
2.	„ 124 Kerala State Handicraft Development Corporation	75.00	7.00	10.001	10.00	10.00	10.00
3.	„ 125 Artisans Development Corporation	5.00	0.12	0.501	0.82	5.50	5.50
4.	„ 126 Raw Material Depot for Ivory and Rosewood	10.00	..	1.00	1.00	1.00	..
5.	„ 127 (a) Training in Handicrafts	10.00	3.87	0.90	0.90	1.70	..
	(b) Special Component Plan	0.10	0.10	0.25	..
	(c) Do. Tribal Sub Plan	0.05	..

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HI, SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
6.	4V8I 128 (a) Mechanisation and Introduction of Modern Tools and Equipments to Craftsmen on Subsidised Basis	5.00	0.45	0.45	0.50	0.30	..
	(b) Do. Special Component plan	..	..	0.05	..	0.10	..
	(c) Do. Tribal Sub Plan	..	..	..	..	0.10	..
7.	.. 129 (a) Old Age Pension and Incentive to Craftsmen	5.00	0.71	0.63	0.82	0.70	..
	(b) Do. Special Component Plan for Scheduled Castes	..	..	0.07	..	0.25	..
	(c) Do. Tribal Sub Plan	..	..	..	..	0.05	..
8.	.. 130 Share Participation in Primary Handicrafts Societies	30.00	1.92	1.80	2.20	1.70	..
	Do. Special Component Plan for Scheduled Caste	..	..	0.20	..	0.25	..
	Do. Tribal Sub Plan	..	..	..	..	0.05	..
9.	.. 132 Kerala State Handicrafts Apex Co-operative Society	10.00	1.00	1.00	4.00	2.00	2.00
10.	.. 133 (a) Incentives to Artisans of Scheduled Castes/Scheduled Tribes/Purchase of tools and equipments	5.00	0.65	0.50	0.50	0.30	..
	(b) Special Component Plan for Scheduled Caste	..	..	..	..	..	..
	(c) Do. Tribal Sub Plan	..	..	..	..	0.20	..
11.	.. 134 Subsidy for raw materials sold through Raw Material Depots of Handicraft Co-operative and Handicrafts Apex Societies	50.00	3.72	4.00	6.00	6.00	..
12.	.. 135 Craft Museum	15.00	..	1.00	1.00	1.00	1.00
13.	.. 136 Interest Subsidy	5.00	0.32	1.00	1.00	1.00	..
14.	.. 137 (a) Revitalisation and Organisation of Handicrafts Co-operative Societies Exclusively for Scheduled Castes/Scheduled Tribes	12.00	1.08	1.00	1.00	0.75	1.00
	(b) Special Component Plan for Scheduled Castes	..	..	..	..	..	..
	Do. Tribal Sub Plan	..	..	..	..	0.25	..
15.	.. 138 Survey of Handicrafts	3.00	..	0.30	0.50	0.50	..
16.	.. 141 Propaganda and Publicity	10.00	1.18	1.00	1.50	1.50	..
17.	Setting up of Common Facility Centre	10.00	..	..	..	1.00	1.00
18.	Documentation and Reproduction of Temple Carving, Folk Craft etc.	5.00	..	..	..	1.00	..
19.	Market Research	3.00	..	..	..	0.50	..
20.	Craftsmen Welfare Fund	2.00	..	..	..	0.50	..
TOTAL—HANDICRAFTS		315.00	27.45	28.504	41.84	42.50	20.50

G. Coir Industry:

4 VSI 145

(i)	Development of Coir Industry and Husk Control	50.00	8.36	22.00	22.00	26.00	..
(ii)	Interest Subsidy to Primary Co-operative Societies	80.00	13.11	25.00	49.60	31.00	..
(iii)	Opening of Sales Depots	15.00	2.06	4.00	4.00	5.00	..
(iv)	Publicity and Propaganda including Trade Fairs	8.00	..	3.50	3.50	4.50	..
(v)	Price Fluctuation Fund	50.00	15.69	15.00	27.25	18.00	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(4)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(vi)	Formation of Coir Projects	20.00	1.19	2.00	2.00	2.50	..
(vii)	Welfare Measures	40.00	2.98	5.00	5.00	6.00	..
(viii)	Kerala State Coir Development Corporation—Share Capital Investment	25.00	8.00	5.00	5.00	6.00	6.00
(ix)	Loans to Kerala State Coir Development Corporation	20.00	61.20	2.00	2.00	3.00	..
(x)	Expansion of Coir Co-operatives—Grant-in-aid	15.00	1.35	3.00	3.00	3.50	..
(xi)	Godowns for Marketing and Primary Societies (Grant)	50.00	1.00	2.50	2.50	3.50	..
(xii)	Coir Co-operative Societies—Share Capital contribution	175.00	26.50	40.00	72.00	48.00	48.00
(xiii)	Working Capital Loans to Coir Co-operative Societies	202.00	80.00	60.00	60.00	72.00	..
(xiv)	Loan to Coir Co-operatives for Construction of Godowns	50.00	5.00	16.00	16.00	19.00	..
(xv)	Interest-free Loans to Kerala State Coir Marketing Federation for Distress Purchase of Coir and Coir Products	..	100.00	..	10.00	12.00	..
TOTAL—COIR INDUSTRY		800.00	326.44	205.00	283.85	260.00	54.00
H. Bamboo Industry							
1. 4VSI 142	Kerala State Bamboo Corporation (Special Component Plan)	35.00	20.00	5.00	5.00	20.00	20.00
TOTAL—BAMBOO INDUSTRY		35.00	20.00	5.00	5.00	20.00	20.00
I. Beedi Industry:							
1	Share Participation in Primary and Central Beedi Co-operative Societies	5.00	..	1.00	1.00	1.00	1.00
2	Managerial Grant to Primary Beedi Societies	2.00	..	2.00	0.50	2.00	..
3	Financial Assistance to Beedi Societies for the Construction of Work Sheds	5.00	1.00	2.00	2.00	2.00	2.00
4	Organisation of New Beedi Workers' Primary and Central Co-operative Societies	2.00	..	2.00	2.00	2.00	..
TOTAL—BEEDI INDUSTRY		14.00	1.00	7.00	5.50	7.00	3.00
TOTAL—VILLAGE AND SMALL INDUSTRIES		4980.00	865.51	850.016	1348.387	1171.00	342.80
MEDIUM AND LARGE INDUSTRIES							
1. State Financial Corporation							
MLI 058	Kerala Financial Corporation Ltd.	200.00	15.00	30.00	30.00	30.00	30.00
2. State Industrial Development Corporation							
055	Kerala State Industrial Development Corporation	1100.00	135.00	150.00	150.00	175.00	175.00

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3. Other Corporations							
(i)	031 Kerala State Textile Corporation	1100.00	100.00	200.00	200.00	250.00	250.00
(ii)	046 Kerala Forest Development Corporation	100.00	10.00	10.00	10.00	10.00	10.00
(iii)	024 Kerala State Electronics Development Corporation	1650.00	450.00	450.00	450.00	500.00	500.00
(iv)	044 Kerala State Film Development Corporation	300.00	80.00	75.00	75.00	70.00	60.00
(v)	040 Plantation Corporation of Kerala	200.00	15.00	30.00	30.00	40.00	40.00
(vi)	014 Kerala Agro-Industries Corporation	100.00	10.00	10.00	10.00	20.00	20.00
(vii)	045 State Farming Corporation of Kerala	75.00	25.00	25.00	25.00	25.00	25.00
(viii)	019 Kerala State Industrial Products Trading Corporation	1.00	..	0.20	0.20	..	..
Sub Total (3)		3526.00	690.00	800.20	800.20	915.00	905.00
4. Industrial Areas							
(i)	003 Industrial Development Areas	400.00	10.00	40.00	40.00	55.00	45.00
(ii)	Water Supply Scheme for Industrial Units in Greater Cochin Area	..	..	..	..	50.00	30.00
Sub Total (4)		400.00	10.00	40.00	40.00	105.00	75.00
5. Departmental Enterprises							
(i)	057 Kerala State Industrial Enterprises Limited	1000.00	225.00	250.00	250.00	300.00	300.00
(ii)	018 Kerala Minerals and Metals Ltd.	1000.00	402.00	350.00	350.00	150.00	150.00
(iii)	030 Sitaram Textiles Ltd.	35.00	15.00	..	..	10.00	10.00
(iv)	005 Steel Industrials, Kerala Ltd.	900.00	225.00	250.00	250.00	250.00	250.00
(v)	037 Malabar Cements Ltd.	435.00	235.00	200.00	200.00	100.00	100.00
(vi)	016 Manufacture of Asbestos Cement Pressure Pipes	100.00	..	10.00	10.00	10.00	10.00
(vii)	012 Scooters Kerala, Ltd.	100.00	1.00	10.00	10.00	50.00	50.00
(viii)	013 Kerala Automobiles Ltd.	100.00	45.00	20.00	20.00	100.00	100.00
(ix)	021 Travancore Titanium Products Ltd.	20.00	10.00	10.00	10.00	10.00	10.00
(x)	008 Traco Cable Company Ltd.	250.00	35.00	50.00	50.00	100.00	100.00
(xi)	036 Chalakudy Refractories Ltd.	100.00	5.00	16.00	16.00	50.00	50.00
(xii)	041 Pallathra Bricks and Tiles Ltd.	5.00	1.00	1.00	1.00	1.00	1.00
(xiii)	007 United Electrical Industries Ltd.	50.00	22.00	20.00	20.00	5.00	5.00
(xiv)	029 Travancore Sugars and Chemicals Ltd.	1.00	..	0.30	0.30	1.00	1.00
(xv)	038 Travancore Cements Ltd.	5.00	5.00	..	..	..	..
(xvi)	017 Travancore Cochin Chemicals Ltd.	40.00	40.00	..	..	..	..
(xvii)	010 Transformers and Electricals Kerala Ltd.	5.00	5.00	..	..	..	..
Sub Total (5)		4146.00	1271.00	1187.30	1187.30	1137.00	1137.00
6. Other Schemes							
(i)	001 Management Development Centre	24.00	1.00	5.00	5.00	5.00	2.00
(ii)	004 ENCOS—Taking Over and Revival	4.00	1.00	1.00	1.00	1.00	..
(iii)	028 Mannam Sugar Mills Co-operative	1.50	..	..	..	1.00	1.00
(iv)	032 Starting of New Co-operative Spinning Mills	250.00	15.00	25.00	25.00	20.00	20.00

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(v)	033 Cannanore Co-operative Spinning Mills	150.00	5.00	20.00	20.00	20.00	20.00
(vi)	027 Co-operative Sugars, Chittur	3.00	..	..	..	15.00	15.00
(vii)	042 Foam Mattings (India) Ltd.	150.00	20.00	20.00	20.00	10.00	10.00
(viii)	049 Special Refractory Project	80.00	2.00	3.00	3.00	10.00	10.00
(ix)	059 State Investment Subsidy	500.00	30.00	50.00	50.00	50.00	50.00
(x)	060 Interest Free Sales Tax Loan	150.00	20.00	22.50	22.50	25.00	25.00
(xi)	061 Preparation of Feasibility Reports	20.00	..	5.00	5.00	5.00	..
(xii)	002, 027 051, 010 028, 056 017, 022 023, 038 Others*	100.00	10.00	0.02	..	10.00**	10.00**
(xiii)	039 White Cement Project	10.00	..	1.00	1.00	..	..
(xiv)	048 Aluminium Smelter Project	1.00	..	..	..	..	..
(xv)	022 Petrochemical Project	3.00	..	..	..	..	..
(xvi)	047 Abottoir Project	2.00	..	..	..	..	..
Sub Total (6)		1448.50	104.00	152.52	152.50	172.00	163.00
Total—Medium and Large Scale Industries		10820.50	2225.00	2360.02	2360.00	2534.00	2485.00

MINING

1. Department of Mining and Geology

(i)	MNG 003 Strengthening the Department	78.00	10.20	5.00	8.65	15.00	2.00
(ii)	MNG 001 Preparation of Feasibility Reports	5.00	0.50	1.00	..	1.00	..
(iii)	MNG 004 Setting up of Field Organisations Mineral Development	20.00 10.00	1.00 ..	2.00 ..	3.00 ..	5.00 ..	3.00 ..
2.	MNG 002 Kerala Mineral Exploration and Development Project—UNDP Project	37.00	10.00	22.00	22.00	24.00	10.00
Total—Mining		150.00	21.70	30.00	33.65	45.00	15.00
Total IV—INDUSTRY AND MINERALS		15950.50	3112.21	3240.036	3742.037	3750.00	2842.80

V. TRANSPORT AND COMMUNICATIONS

Ports, Lighthouses and Shipping

A. Ports and Pilotage

1. Development of Minor Ports

(i)	Vizhinjam Cargo Harbour	5.00	..	..	..	0.91	0.91
(ii)	SPLS 001 Neendakara Cargo Harbour	60.00	9.50	13.00	7.00	10.91	10.91
(iii)	002 Bcypore Cargo Harbour	250.00	24.99	25.00	50.00	44.00	44.00
(iv)	003 Azhikkal Cargo Harbour	15.00	2.00	3.00	1.75	2.23	2.23
2.	004 Investigation, Planning, Engineering Studies and Survey	20.00	4.50	5.00	5.00	3.15	..

*Includes schemes for which separate allocations have not been made in the Sixth Plan but may require State sector investment during the Plan period.

**Geovanola Binny Limited.

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3.	Construction and Repairs						
(i) 5PLS 005	Purchase of Supplementary Equipments for Ports	35.00	5.00	5.00	29.50	10.00	10.00
(ii) „ 006	Capital Repairs and Major additions to Piers and Other Structures	25.00	5.00	5.00	8.00	2.55	2.55
(iii) „ 007	Capital Repairs and Major Additions for Equipments and Floating Crafts	20.00	5.00	3.00	27.00	10.42	10.42
4.	Dredging and Surveying						
(i) „ 008	Dredging Unit	40.00	9.50	8.00	8.00	7.23	..
(ii) „ 010	Capital Dredging at Minor Ports	125.00	50.45	20.00	20.00	22.73	22.73
(iii) „ 011	Tugs for Surveying and Dredging Operations	88.00	5.00	5.00	75.00	15.00	15.00
5.	Other Items of Expenditure						
(i) „ 015	Housing for Port Staff	10.0	2.00	2.00	3.00	1.82	1.82
(ii) „ 016	Establishment of Central Workshop and Stores Organisation	15.00	2.00	2.00	7.50	0.50	0.50
(iii) „ 012	Provision of Steel Cargo Barges at Neendakara Port	8.00	1.00	..	..	..	..
(iv) „ 013	Purchase of a Refrigerated Barge for Neendakara Port	2.00	..	..	..	2.00	2.00
(v) „	Lighterage Port at Neendakara	1.50	..	..	..	..	..
(vi) „ 014	Establishment of Vizhinjam/Kovalam Port	3.50	0.50	..	1.00	0.50	..
(vii)	Seamen's Welfare—Search and Rescue Organisation in the Port Wing	60.00	..	..	..	12.00	12.00
	<i>New Schemes :</i>						
(viii)	Survey Unit for Predredging and Post-dredging Surveys	3.00	..	..	..	0.55	..
(ix)	Extension of Office Buildings	2.00	..	..	..	..	..
(x)	Purchase of Electronic Equipments for Surveying and Dredging Operations	12.00	..	..	..	..	..
	Sub Total—Ports	800.00	126.44	96.00	242.75	146.50	135.07
	B. Shipping						
(i) 5PLS 018	Training and Education (Kerala Institute of Nautical Studies, Vizhinjam)	5.00	3.00	3.00	1.00	0.50	..
(ii) „ 019	Kerala State Maritime Development Corporation	20.00	1.00	1.00	103.00	3.00	3.00
	Sub Total—Shipping	25.00	4.00	4.00	104.00	3.50	3.00
	TOTAL—PORTS & SHIPPING	825.00	130.44 + 0.01@	100.00	346.75	150.00	138.07
	ROADS AND BRIDGES						
1. 5RAB 001	State Highways	900.00	200.03	205.00	205.00	205.00	205.00
2. „ 002	District and Other Roads	1660.00	223.71	225.00	295.00	315.00	315.00
„ 003							
„ 004							
„ 005							

@Expenditure for dredging at Azhikode.

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3. 5RAB 006 to 011	Rural Roads (Minimum Needs Programme)	1300.00	380.41	376.00	416.00	424.00	420.00
4.	Machinery and Equipments	80.00	..	..	..	10.00	10.00
5. „ 013	Planning Research Survey and Investigation	100.00	25.00	25.00	25.00	27.00	..
6. „ 014	Railway Safety Works	50.00	5.00	5.00	5.00	6.50	6.50
7.	<i>Other Schemes:</i>						
(i) „ 018	Hill Highways	400.00	18.80	20.00	20.00	25.00	25.00
(ii) „ 019	Improvement of Roads in cities of Trivandrum, Cochin & Calicut	160.00	25.99	29.33	39.33	43.00	43.00
(iii) „ 020	Improvement of Town and Municipal Roads	80.00	10.93	12.14	12.14	13.00	13.00
(iv) „ 015	Roads of Industrial Importance	20.00	4.08	4.25	4.25	4.50	4.50
(v) „ 016	Roads in Harijan Settlements and Tribal Areas						
	(a) Special Component Plan for S.C.	660.00	130.03	130.00	140.00	120.00	120.00
	(b) Tribal Sub-Plan					40.00	40.00
(vi) „ 021	Rubberisation of Roads	20.00	8.38	9.71	9.71	7.00	7.00
(vii) „ 022	Construction of Bridges and Providing Access to Islands	50.00	8.06	8.50	8.50	12.00	12.00
(viii) „ 023	Improving Accident Prone spots in the Highways and Other Roads in the State	40.00	5.58	6.07	11.07	10.00	10.00
(ix) „ 017	Special Repairs and Maintenance to Rectify Flood/Cyclone Damages	70.00	..	..	..	25.00	25.00
(x) „ 024	Roads of Economic Importance State Share	10.00	1.00	2.00	2.00	8.00	8.00
(xi) „ 025	(a) Roads in Backward Hilly Areas	1000.00	300.00	292.00	292.00	300.00	300.00
	(b) Roads in Backward Hilly Areas—Tribal Sub Plan					25.00	25.00
	Total—Roads and Bridges	6600.00	1347.00	1350.00	1485.00	1620.00	1589.00
	ROAD TRANSPORT						
5RDT 001	Kerala State Road Transport Corporation						
	Assistance to Transport Services, Training and Research, Training Institute, Land and Buildings, Acquisition of Fleet, Workshop Facilities, State Contribution to K. S. R. T. C.	2000.00	250.00	250.00	..	350.00	350.00
	Total—Road Transport	2000.00	250.00	250.00	..	350.00	350.00
	<i>Water Transport</i>						
1. 5WRT 008	Assistance to Transport Services—Kerala Inland Navigation Corporation	125.00	10.00	20.00	31.35	30.00	30.00
2. „ 002	Land and Buildings and Terminal Facilities—S.W.T.D.	10.00	3.00	3.00	3.00	3.00	3.00
3. „ 003	Acquisition of Fleet and Augmentation of Ferry Services—S.W.T.D.	50.00	9.00	10.00	16.00	15.00	15.00
4. „ 004	Workshop Facilities—S.W.T.D.	5.00	1.00	1.00	1.00	1.00	1.00
5. „ 005	Inland Canal Schemes—P.W.D.	200.00	15.00	25.00	20.00	25.00	25.00
„ 001 and 006	(a) Central Sector—State Share (b) State Sector	185.00	30.00	21.00*	78.22	25.00	25.00
	Total—Water Transport	575.00	68.00	80.00	149.57	99.00	99.00

* Includes an amount of Rs. 1 lakh for Training and Research.

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83		
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
<i>Tourism</i>								
1.	5TRM 001	Direction and Administration	15.00	2.00	3.00	1.00	3.00	..
2.		Tourist Transport Services	25.00	..	..	..	5.00	5.00
3.		Tourist Accommodation						
	002 (i)	Guest House at Kovalam Kerala Tourism Development Corporation	390.00	0.50	0.50	0.55	0.55	..
	003 (ii)			65.00	104.50	104.50	125.00	125.00
4.	004	Tourist Information and Publicity	75.00	14.50	4.00	10.60	11.50	..
5.	005 and 006							
5.	007 and 012	Tourist Centres and Other Works	145.00	16.11	12.05	90.59	25.00	25.00
6.	008							
	009							
	and 010	Other Schemes	25.00	1.25	0.95	0.70	8.44	7.49
7.		New Schemes						
	(i)	Construction of a Tourist Information Centre and Auditorium in Park View Compound, Trivandrum	..	..	..	..	1.00	1.00
	(ii)	Construction of Information Centre at Ernakulam	..	..	..	..	0.50	0.50
	(iii)	Five Star Hotel at Trivandrum	..	..	..	..	0.01	0.01
		Total—Tourism	675.00	99.36	125.00	207.94	180.00	164.00
		TOTAL V—TRANSPORT AND COMMUNICATIONS	10675.00	1894.80	1665.00 250.00*	2189.26	2399.00	2340.07

VI. SOCIAL AND COMMUNITY SERVICES

General Education:

Elementary Education

1. *Quality Improvement Programme*

(i)	6GEN 001	Work Experience Programme in Primary Schools (Other than Minimum Needs)	20.00	5.00	5.00	5.00	4.00	..
(ii)	002	Improvement of Science Education in Primary Schools	30.00	3.30	5.00 ¹	5.00	6.00	..
(iii)	003	UNICEF Assisted Programme	2.50	..	0.50	0.50	0.50	..
(iv)	004	Introduction of Socially Useful Productive Works	15.00	1.22	3.00	3.00	3.00	..

2. *Minimum Needs Programme*

(i) *Tribal Welfare*

6GEN	005	(a) Opening of Primary Schools Tribal Sub Plan Area—Teacher Cost	10.00	2.23	3.00	3.00	3.50	..
006		(b) Supply of Furniture for New Schools in the Tribal Sub Plan Area	10.00	1.96	1.00	1.00	1.00	..
007		(c) Construction of School Buildings in the Tribal Sub Plan Area	45.00	9.00	7.00	7.00	10.00	10.00

* Internal Resources of Kerala State Road Transport Corporation.

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	6GEN 008 (d) Construction of Staff Quarters in Tribal Sub Plan Area	25.00	5.00	4.00	4.00	5.00	5.00
(ii)	010 Additional Enrolment—Departmental Lower Primary Schools—Teacher Cost	100.00	19.39	20.00	20.00	30.00	..
(iii)	009 Opening of New Departmental Lower Primary Schools—Buildings	150.00	30.00	30.00	30.00	34.50	34.50
(iv)	011 Supply of Furniture to New Departmental Lower Primary Schools	35.00	5.00	6.00	6.00	5.00	..
(v)	014 Additional Enrolment—Departmental Upper Primary Schools—Teacher Cost	100.00	18.57	20.00	20.00	30.00	..
(vi)	018 Opening of New Departmental Upper Primary Schools—Buildings	120.00	30.00	30.00	30.00	36.00	36.00
(vii)	021 Supply of Furniture to New Departmental Upper Primary Schools	35.00	5.00	6.00	6.00	5.00	..
(viii)	012 Supply of Furniture to Existing Departmental Lower Primary Schools	45.00	4.91	6.00	6.00	5.00	..
(ix)	015 Supply of Furniture to Existing Departmental Upper Primary Schools	45.00	4.98	6.00	6.00	5.00	..
(x)	013 Improvement of Facilities in Primary Schools	35.00	3.00	6.00	6.00	7.00	..
(xi)	020 Strengthening of Primary Schools—Improvement of Selected Lower Primary Schools	75.00	6.28	10.00	10.00	10.00	—
(xii)	016 Replacement and Addition to Departmental Schools—Buildings	100.00	9.00	10.00	10.00	15.00	15.00
(xiii)	017 Minimum Site and Buildings for Schools run in Rented Buildings	100.00	25.00	25.00	25.00	30.00	30.00
(xiv)	019 Appointment of Primary School Teachers from Scheduled Castes/Scheduled Tribes	10.00	4.40	2.00	2.00	2.00	—
(xv)	022 Additional Enrolment—Non-Government Lower Primary Schools—Teacher Cost	165.00	30.50	30.00	30.00	34.00	..
(xvi)	023 Additional Enrolment—Non-Government Upper Primary Schools—Teacher Cost	175.00	47.40	30.00	30.00	35.00	..
(xvii)	001 Work Experience Programme in Primary Schools	10.00	..	..	..	2.00	—
(xviii)	024 Removal of Backwardness—Including Education of Girls	15.00	3.05	3.00	3.00	4.00	—
(xix)	028 Pre-Primary Education—Building for Pre-primary Institute	15.00	0.23	3.00	3.00	4.00	2.00
4. Other Programmes							
(i)	6GEN 025 Institute of Primary Education	20.00	2.00	3.00	3.00	4.00	..
(ii)	026 Health Education Programme	3.00	0.10	0.15	0.15	0.15	—
(iii)	032 Establishment of Text Book Bank	..	..	0.001	0.001	0.25	..
(iv)	029 N.C.E.R.T. Assisted Schemes—State's Share	8.00	..	1.50	1.50	1.60	—
(v)	027 Experimental, Project for Non-formal Education—State's Share	50.00	5.40	10.00	10.00	10.00	..
Sub Total—Elementary Education		1568.50	281.92	286.15	286.15	342.50	132.50

XLV

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Schemes/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83		
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
<i>Secondary Education</i>								
1.	6GEN 034	Minimum Needs Programme Additional Enrolment-- Departmental Secondary Schools--Teacher Cost	180.00	52.59	30.00	30.00	36.00	..
2.	General							
(i)	6GEN 035	Building and Equipment for New High Schools including Supply of Soil Testing Equipments to Secondary Schools	150.00	33.95	25.00	25.00	30.00	30.00
(ii)	.. 042	Supply of Furniture to Existing Departmental Secondary Schools	40.00	7.97	8.00	8.00	5.00	..
(iii)	.. 051	Construction--New Buildings in the Place of Temporary Schools	90.00	15.00	15.00	15.00	23.00	23.00
(iv)	.. 036	Introduction of Vocational Courses in Selected Secondary Schools and Upgrading them as Higher Secondary Schools	50.00	..	6.00	6.00	6.00	2.00
3.	<i>Scholarships</i>							
(i)	6GEN 037	Creation of Scholarship Unit and Enhancement of Scholarships	5.00	1.48	2.00	2.00	2.00	..
(ii)	.. 038	Award of Scholarships to Meritorious SC/ST Students in Upper Primary/ Secondary Schools	18.00	1.62	3.00	3.00	..	..
		(a) Special Component Plan	..	..	..	..	3.00	..
		(b) Tribal Sub Plan	..	..	..	..	1.00	..
4	6GEN 039	Assistance to Non-Government Secondary Schools --Enrolment--Teacher Cost	235.00	80.47	40.00	40.00	50.00	..
5.	<i>Quality Improvement Programme</i>							
(i)	6GEN 043	Improvement of Science Education in Secondary Schools	25.00	3.40	5.00	5.00	6.00	..
(ii)	.. 045	Work oriented Education in Secondary Schools	25.00	2.26	5.25	5.25	5.00	..
(iii)	.. 048	Vocational Guidance Programme	5.00	0.81	1.00	1.00	1.00	..
(iv)	.. 053	Improvement of Library and Laboratory Facilities in Departmental Secondary Schools	25.00	5.44	7.00	7.00	7.00	..
(v)	.. 054	State Institute of Education	35.00	2.54	4.00	4.00	6.00	..
(vi)	.. 055	Institute of Science	10.00	1.95	2.50	2.50	5.00	..
(vii)	.. 056	Examination Reforms	3.00	0.32	0.50	0.50	0.50	..
(viii)	.. 057	Revision of Curriculam	3.00	0.32	1.00	1.00	1.00	..
(ix)	.. 058	School Complex Programme	5.00	0.40	1.00	1.00	1.00	..
(x)	.. 059	Strengthening of Staff of Large Secondary Schools	15.00	2.34	2.00	2.00	3.50	..
6.	<i>Other Programmes</i>							
(i)	6GEN 040	Library Movement	8.00	2.50	2.50	2.50	2.50	..
(ii)	.. 041	Popularisation of Science Literature	2.50	0.50	0.50	0.50	0.50	..
(iii)	.. 047	Coaching Class for Scheduled Castes/Scheduled Tribes	12.00	1.13	2.00	2.00
		(a) Special Component Plan	2.50	..
		(b) Tribal Sub Plan	0.50	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(iv) 6GEN 050	Formation of a Society for School Promotion and Development	5.00	4.00	4.00	4.00	4.00	..
(v) „ 046	Population Education in Secondary Schools—State's Share	5.00	..	1.00	1.00	1.50	—
(vi) „ 049	Education Research and Training	8.00	..	..	..	2.00	..
	Sub Total—Secondary Education	959.50	220.99	168.25	168.25	205.50	55.00
	<i>Teacher Education</i>						
(i) 6GEN 060	Teacher Training—Primary	45.00	5.16	6.00	6.00	7.00	..
(ii) „ 061	Teacher Training—Secondary	25.00	3.52	4.00	4.00	5.00	..
	Sub Total—Teacher Education	70.00	8.68	10.00	10.00	12.00	..
	<i>University Education</i>						
	1. <i>Development of Universities</i>						
1. (i) 6GEN 062	Assistance to Universities Kerala } Cochin } Calicut }	395.00	74.00	100.00	100.00	120.00	60.00
(ii) „ 064	Ship Technology Course—Grant-in-aid to Cochin University	5.00	1.00	1.00	1.00	1.00	..
	2. <i>Development of Colleges</i>						
(i) 6GEN 065	Starting of New Government Colleges	50.00	1.48	10.00	15.00	14.00	3.00
(ii) „ 066	Building for Existing Colleges	40.00	12.94	12.00	12.00	15.00	15.00
(iii) „ 067	Upgrading of Colleges	10.00	1.18	5.00	3.00	3.00	—
(iv) „ 068	Starting of New Courses in Government Colleges	10.00	3.15	5.00	10.00	10.00	—
(v) „ 069	Introduction of Shift System/ Evening courses in Government Colleges	75.00	27.23	10.00	35.00	35.00	—
(vi) „ 070	Introduction of Part-time course in Law Colleges	5.00	1.00	1.00	1.00	1.00	—
(vii) „ 071	Hostels and Staff Quarters	10.00	5.45	5.00	5.00	10.00	10.00
(viii) „ 073	Implementation of Book Bank Scheme in Government Colleges	4.00	1.32	2.00	2.00	2.00	..
(ix) „ 074	Vocationalisation at Plus 2 Stage	1.00	0.05	1.00	..	0.50	..
(x) „ 075	Direct Payment of Salary to Private College Teachers in Connection with Shift System, Upgradation and Starting of New Courses	220.00	29.60	32.00	100.00	95.00	..
3.	<i>Scholarships</i>						
(i) 6GEN 076	Renewal of Scholarships	5.00	0.77	1.50	1.50	2.00	..
(ii) „ 077	Awards for Students	5.00	1.00	1.10	1.10	2.00	..
4.	<i>Other Programmes</i>						
(i) 6GEN 078	Student Amenities	3.00	0.53	1.00	1.00	1.00	—
(ii) „ 079	Implementation of U.G.C. Assisted Schemes	15.00	9.40	15.00	15.00	10.00	10.00
(iii) „ 080	Development of U.G./P.G. Studies in Government Colleges with U.G.C. Assistance	5.00	0.50	4.00	1.00	1.00	..

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(iv) 6GEN 081	Study Tour	3.00	0.55	1.00	1.00	1.00	..
(v) ,, 082	Research	4.00	..	1.00	..	1.00	..
(vi) ,, 083	Furniture, Library and Laboratory Equipment	13.00	2.78	5.00	5.00	5.00	..
(vii) ,, 084	Cost of Land etc. Transferred from Defence Ministry, Government of India	5.00	5.00	5.00	5.00	..	..
(viii) ,, 085	Remedial courses/Special Coaching for Scheduled Caste/Scheduled Tribe Students	5.00	..	2.00	2.00	..	..
	(a) Special Component Plan	..	..	..	..	1.50	..
	(b) Tribal Sub Plan	..	..	..	..	0.50	..
(ix) ,, 086	I.A.S. Coaching Centres	2.00	..	1.50	1.00	..	..
	(a) Special Component Plan	..	..	..	..	0.80	..
	(b) Tribal Sub Plan	..	..	..	..	0.20	..
(x) ,, 087	Book Bank Scheme in Cosmopolitan Hostels (Special Component Plan)	5.00	..	3.00	3.00	1.00	..
(xi) 6GEN 088	State Institute of Languages	80.00	15.00	15.00	15.00	16.00	5.00
(xii) ,, 089	State Institute of Encyclopaedia Publication	20.00	5.00	5.00	5.00	5.00	..
(xiii) ,, 090	Building for Law College, Calicut	5.00	1.00	2.00	2.00	2.00	2.00
Sub Total—University Education		1000.00	199.93	297.10	342.60	356.50	105.00
<i>Adult Education (Minimum Needs Programme)</i>							
1. 6GEN 108	(a) Adult Education	45.00	22.50	9.00 ⁴	9.00	7.50	..
2. ,, 108	(b) Adult Education for Scheduled Castes	5.00	2.50	1.00	1.00	2.00	..
	(c) Adult Education for Scheduled Tribes	..	..	..	..	0.50	..
Sub Total—Adult Education		50.00	25.00	10.00	10.00	10.00	..
<i>Physical Education Youth Welfare and Sports</i>							
1. 6GEN 092	Improvement of Physical Education in Schools and Development of Scouting and Guiding	20.00	4.01	4.00	4.00	5.00	..
2. ,, 091	Physical Education Colleges	10.00	1.00	2.00	2.00	2.00	..
3. ,, 094	Constitution of a Youth Welfare Board	5.00	0.54	1.00	1.00	1.00	..
4. ,, 095	Youth Festival	5.00	0.90	1.00	1.00	3.00	..
5. ,, 093	N.C.C./N.S.S.	10.00	4.00	2.00	2.00	3.00	1.00
6. ,, 098	Planning Forums	2.00	1.00	1.00	1.00	1.00	..
7. ,, 097	Promotion of Kalaripayattu and Circus	3.00	1.00	1.00	1.00	1.00	..
8. ,, 099	Assistance to Kerala Sports Council	130.00	60.00	40.00	40.00	45.00	5.00
9. ,, 100	Sports School, Trivandrum	65.00	2.14	6.00	6.00	10.00	6.00
10. ,, 101	Providing Facilities for the Sports Division in Departmental Schools						
			0.35	2.00	2.00		
Sub Total—Physical Education, Sports and Youth Welfare		250.00	74.94	60.00	60.00	71.00	12.00

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83		
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
<i>Direction and Administration</i>								
1.	<i>Primary Education</i>							
(i)	6GEN 102	Strengthening of Supervision and Administration	5.00	2.00	2.00	2.00	2.00	..
2.	<i>Secondary Education</i>							
(i)	6GEN 103	Strengthening of Administration and Provision of vehicles to Deputy Directors and District Educational Officers	125.00	43.09	40.00	40.00	48.00	..
(ii)	„ 104	Strengthening of Planning Machinery in the Directorate of Public Instruction	5.00	0.44	1.00	1.00	1.50	..
<i>Collegiate Education</i>								
(iii)	6GEN 105	Strengthening of Planning, Statistics, Academic and Administrative Wings of the Directorate of Collegiate Education	10.00	0.29	1.50	1.50	2.00	..
(iv)	„ 106	Strengthening of Zonal Offices—Deputy Directorate of Collegiate Education	5.00	..	1.50	0.50	1.50	..
Sub Total—Direction and Administration			150.00	45.82	46.00	45.00	55.00	..
<i>Other Programmes Including Special Education</i>								
1.	6GEN 107	Improvement of Facilities in Existing Special Schools	10.00	1.48	3.00	3.00	6.00	3.00
2.	„ 109	Integrated Education of the Handicapped—State's Share	5.00	0.88	1.50	1.50	1.50	..
3.	„ 111	Development of Sanskrit Education	15.00	3.95	5.00	5.00	5.00	..
4.	„ 113	Establishment of Regional Institute for Language Training	10.00	1.86	3.00	3.00	3.00	..
5.	„ 114	Appointment of Hindi Teachers in Non-Hindi Speaking States—State's Share	32.00	11.66	10.00	10.00	12.00	..
Sub Total—Other Programmes			72.00	19.83	22.50	22.50	27.50	3.00
Total—General Education			4120.00	877.11	900.00	944.50	1080.00	307.50
<i>Art and Culture</i>								
1.	6ATC 001	Music Colleges and Music Academies	5.00	2.80	2.80	2.80	3.20	0.25
2.	„ 002	Kerala Sahitya Academy	10.00	2.00	2.00	2.00	2.50	..
3.	„ 003	Kerala Sangeetha Nataka Academy	5.00	1.00	1.00	1.00	1.70	0.50
4.	„ 004	Kerala Lalithakala Academy	8.00	1.00	1.00	1.00	1.20	0.25
5.	„ 005	Kerala Kalamandalam	13.00	2.00	2.00	2.00	2.50	1.00
6.	„ 007	Development of Traditional Art Forms (Vasu, Silpa, Thalavadya etc.)	2.00	0.25	0.25	..	0.25	..
7.	„ 013	Kathakali Thekkankalari and Koodiyattam at Trivandrum	4.00	1.25	1.25	..	1.25	..
8.	„ 006	Kerala History Association	2.00	0.50	0.50	0.50	0.60	..
9.	„ 008	Kerala Gazetteers	5.00	1.10	1.10	1.10	1.30	..
10.	„ 009	Non-recurring Grants to Cultural Activities	2.00	0.50	0.50	0.50	0.50	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83		
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
11.	6ATC 010	Financial Assistance to Men of Arts and Letters	12.00	4.00	4.00	4.00	4.00	..
12.	..	011 Memorials to Eminent Men of Arts and Letters	2.00	0.50	0.50	0.50	0.50	..
13.	..	012 Grant in Aid to Authors for production of Books	2.00	0.50	0.50	0.50	0.50	..
14.	..	014 Archaeology (Including Archaeological Museum)	55.00	10.60	10.60	10.60	13.00	5.00
15.	..	015 Archives	9.00	3.00	3.00	3.00	3.50	1.00
16.	..	016 Development of Museums and Zoos	35.00	6.00	6.00	16.00	7.50	4.00
17.	..	017 Public Library, Trivandrum	15.00	4.00	4.00	4.50	5.00	2.00
18.	..	018 Kerala Grandha Sala Sangham	14.00	4.00	4.00	4.00	5.00	..
Total—Art and Culture		200.00	45.00	45.00	54.00	54.00	14.00	
TECHNICAL EDUCATION								
1	6TEN 001	Direction and Administration Strengthening of Planning and Statistical Cell, Academic Inspection Wing and Examination Wing	40.00	6.00	9.00	8.00	17.00	3.00
2	..	002 Existing Junior Technical Schools	20.00	5.00	6.00	4.00	6.50	0.50
3	..	003 Newly Started Junior Technical Schools	50.00	9.50	12.00	9.00	20.00	5.00
4	..	004 Vocationalisation of Education of Post Secondary Stage in Junior Technical Schools	2.00	..	2.00	..	0.10	..
<i>Polytechnics:</i>								
5	..	005 Polytechnics	60.00	18.00	20.00	10.00	11.00	5.00
6	..	006 Newly Started Polytechnics	50.00	15.00	17.00	10.00	27.50	10.50
<i>Engineering Colleges and Institutions</i>								
7	..	007 Engineering Colleges	50.00	11.00	15.00	9.00	15.00	5.00
8	..	Starting of One Engineering College	20.00	..	..	..	..	..
9	..	008 Assistance to Computer Centre	10.00	1.00	2.00	2.00	3.00	..
10	..	009 Regional Engineering College, Calicut	6.00	1.00	2.00	2.00	2.00	..
11	..	010 Part-Time Courses	15.00	3.50	3.00	4.00	3.00	..
..	..	011 Post-Graduate Course in Engineering College, Trivandrum	..	16.00	..	..	..	..
..	..	012 Post-Graduate Course in the Engineering College, Trichur	..	10.00	..	..	..	..
..	..	013 Improvement of Polytechnic and Regional Engineering College	..	..	..	..	..	..
12	..	015 Granting of Autonomy to One Engineering College	2.00	0.50	0.50	..	0.10	..
<i>Assistance to Non-Government Technical Colleges and Institutions</i>								
13	..	016 Private Engineering Colleges	20.00	5.00	7.00	7.00	7.00	..
14	..	017 Private Polytechnics	10.00	3.00	5.00	5.00	4.00	..
15	..	018 Food Craft Institute, Kalamassery and Extension Centres	20.00	7.50	7.50	7.50	10.00	..
16	..	020 Text Books and Book Banks	5.00	1.00	1.00	1.00	1.00	..
<i>Research and Training</i>								
17	..	021 Modernisation of Laboratories	5.00	1.00	2.00	2.00	2.00	..
18	..	022 Apprenticeship Training	20.00	2.00	2.00	3.00	3.00	..
19	..	014 Upgrading of One Engineering College	35.00	15.00	15.00	5.00	10.00	0.50

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(Rs. lakhs)

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
20	6TEN 028	10.00	5.00	5.00	4.50	5.50	0.50
21	„ 029	15.00	5.00	3.00	5.00	8.00	1.00
22	„ 030	2.00	1.00	1.00	0.50	0.50	..
23	„ 031	15.00	1.00	2.00	7.00	16.00	..
24	„ 032	5.00	2.00	2.00	..	1.00	1.00
<i>Other Programmes</i>							
25	„ 033	40.00	6.00	8.00	16.00	12.00	..
26	„ 034	10.00	1.50	1.50	1.50	1.00	..
27	„ 035	0.50	0.10	0.10	..	..	..
28	„ 036	10.00	2.00	2.00	2.00	2.50	..
29	„ 037	10.00	0.50	3.00	0.50	3.50	0.25
30	„ 038	1.50	0.50	0.50	0.50	0.50	..
31	„ 039	2.00	0.50	0.50	0.50	0.50	..
32	„ 040	1.00	0.30	0.20	0.20	0.20	..
33	„ 041	2.00	0.30	0.50	0.50	0.40	..
34	„ 042	25.00	5.07	5.00	4.50	5.00	0.50
35	„ 043	15.00	3.00	3.00	3.50	3.75	0.25
36	„ 044						
	Free supply of Text Books, Instruments, Uniforms etc., to Scheduled Caste/Scheduled Tribe Students						
	(a) Special Component Plan	10.00	0.10	0.50	3.00	2.50	..
	(b) Tribal Sub Plan	..	..	..	..	0.50	..
37	„ 045	15.00	5.00	5.00	5.00	3.00	..
38	„ 046						
	(a) Tailoring and Garment Making Training Centres	10.00	2.40	3.00	2.25	2.75	0.50
	(b) Tailoring and Garment Making Training Centres— <i>Special Component Plan</i>	2.00	0.10	0.50	0.50	0.50	..
39	„ 047	1.00	0.50	0.50	0.50	0.50	..
40	„ 048	45.00	9.00	10.00	10.00	10.00	..
44	„ 049	10.00	5.00	5.00	..	5.00	5.00
42	„ 050						
	Special Coaching for All India Competitive Examinations for Eligible Students	0.50	0.10	0.10	0.10	0.10	..
43	„ 051	0.50	0.10	0.10	0.10	0.10	..
44	„ 052	1.00	..	..	..	..	..
45	„ 053	1.00	..	..	..	0.50	..
Total—Technical Education		700.00	187.07	190.00	156.65	228.00	38.50
TOTAL—EDUCATION		5020.00	1109.18	1135.00	1155.15	1362.00	360.00
SCIENTIFIC SERVICES AND RESEARCH							
1	6SSR 001	20.00	1.00	5.00	5.00	5.00	2.00
2	„ 002	30.00	10.00	10.00	10.00	10.00	..
3	„ 003	145.00	45.00	45.00	45.00	50.00	15.00
4	„ 004	225.00	55.00	65.00	65.00	75.00	43.00
5	„ 005	285.00	100.00	75.00	75.00	90.00	50.00
6	„ 006	85.00	20.00	20.00	20.00	20.00	..

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(Rs. lakhs)

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
7	6SSR 009 S7	State Committee on Science & Technology	45.00	6.00	7.00	7.00	10.00	..
8	.. 010 S0	Establishment of CSIR Complex	80.00	19.00	20.00	20.00	20.00	..
9	.. 011 S1	State Committee on environmental Planning and Coordination	5.00	1.00	1.00	1.00	1.00	..
10	.. 012 S2	Centre for Earth Science Studies	200.00	68.00	70.00	70.00	70.00	50.00
11	.. 014 S5	National Transportation Planning and Research Centre	5.00	1.00	2.00	2.00	3.00	1.00
12	.. 016 S6	Environmental and Ecological Studies	5.00	1.00	1.00	1.00	1.00	..
13	.. 017 S7	Tropical Botanical Garden and Research Institute	25.00	10.00	5.00	5.00	11.00	8.00
14	.. 018 S8	Indian Institute for Regional Development Studies	20.00	1.00	8.00	8.00	8.00	6.00
15	.. 015 S5	New Research and Development Centres including University Research Centre	25.00	2.00	6.00	5.00	6.00	..
Total: Scientific Service & Research		1200.00	340.00	340.00	339.00	300.00	175.00	

MEDICAL, PUBLIC HEALTH & SANITATION

Allopathy

1. Minimum Needs Programmes

(i)	6HEA001 (a)	Strengthening of Primary Health Centres and Sub Centres and Opening of New Primary Health Centres and Sub Centres	350.00	64.50	60.50	55.50	65.50	36.50
	(b)	Special Component Plan	55.00	..	5.00	..	10.00	4.00
	(c)	Tribal Sub Plan	..	..	..	..	2.00	1.00
(ii)	.. 002 (a)	Drugs for Existing Sub Centres	105.00	20.00	17.00	20.00	20.00	..
	(b)	Special Component Plan	21.00	..	3.00	5.00	4.00	..
	(c)	Tribal Sub Plan	..	..	..	..	1.00	..
(iii)	.. 003	Mobile Medical Unit for Tribal Block, Attappady	15.00	2.50	2.50	2.50	3.00	1.00
(iv)	.. 004 (a)	Government Dispensaries in Backward Areas	90.00	25.00	15.00	30.00	22.00	..
	(b)	Special Component Plan	60.00	..	10.00	10.00	17.00	3.00
	(c)	Tribal Sub Plan	..	..	..	..	3.00	0.50
(v)	.. 005	Community Health Workers—State Share	61.00	5.50	13.00	13.00	13.00	..
Sb Total			757.00	117.50	126.00	136.00	160.50	46.00

2. Hospitals and Dispensaries*

(i)	.. 006	Improvement of Health Care and Delivery System	185.00	29.50	30.00	60.00	70.00	21.00
(ii)	.. 007	Construction of District Hospital, Malappuram	15.00	5.00	5.00	2.00	5.00	5.00
(iii)	.. 008	Construction of District Hospital, Idukki						
(iv)	.. 010	Opening of New Taluk Hospitals at Devikulam, Peermade, Udumbanchola etc.	15.00	3.00	3.00	3.00	3.50	2.00

* Institute of Mental health has been transferred to Medical Education.

STATEMENT GN-2

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(v) 6HEA011	Polyclinics in District and General Hospitals	29.00	5.00	5.00	7.00	7.00	2.00
(vi) ,, 012	Construction of Building and Provision of Vehicles to District Medical Stores	10.00	2.00	2.00	2.00	2.00	2.00
(vii) ,, 015	Improving Medical Facilities in Idukki District	5.00	2.13	1.00	1.00	1.00	..
(viii) ,, 016	Providing Ambulance Van to District and Taluk Headquarters Hospitals	5.00	1.00	1.00	1.50	1.50	..
(ix) ,, 018	Mobile Unit for Repairs and Maintenance of Hospital Equipments	9.00	1.32	2.00	2.00	2.00	..
(x) ,, 019	Drug Banks in District Hospitals	4.60	0.60	1.00	1.00	1.00	..
(xi) ,, 020	Mobile Dispensary, Kuttanad	3.00	1.00	1.00	1.00	1.00	..
(xii) ,, 021	Revision of Staff Pattern—Nurses	33.30	5.00	5.00	10.00	7.00	..
(xiii) ,, 022	Health Care Programme in Selected Areas	..	0.10	..	..	..	..
(xiv) ,, 043	Cancer Detection Centre in District Hospital	15.00	2.00	3.00	3.00	3.00	..
(xv) ,, 044	Opening of District Office and Office of DMO (H), Wynad	5.50	..	1.00	1.00	1.00	..
(xvi) ,, (a)046	Janatha Paywards and Payward Scheme	180.00	49.00	45.00	56.00	55.00	55.00
,, (b)125	Construction of Staff Quarters for Rural Dispensaries (KHR & WS)	40.00	8.00	8.00	8.00	8.00	8.00
Total		554.40	114.65	113.00	158.50	168.00	95.00
3. Education							
(i) ,, 023	Medical College, Trivandrum	170.00	31.00	39.00	39.00	70.00	45.00
(ii) ,, 024	Medical College, Kottayam	170.00	30.00	35.00	35.00	45.79	25.00
(iii) ,, 025	Medical College, Alleppey	170.00	25.00	35.00	35.00	45.00	25.00
(iv) ,, 026	Medical College, Calicut	165.00	225.00	30.00	115.40	50.00	30.00
(v) ,, 029	Regional Limb Fitting Centre, Medical College, Trivandrum	15.00	1.00	2.50	2.50	5.00	..
(vi) ,, 009	Institute of Mental Health and Neuro Sciences	15.00	1.00	0.50	0.50	0.50	..
(vii) ,, 030	Nursing Education	40.00	15.50	16.00	10.05	10.00	..
(viii) ,, 031	College of Pharmaceutical Science, Trivandrum	10.00	3.00	3.00	3.00	2.00	..
(ix) ,, 032	Reorientation of Medical Education and Upgradation of the Department of Ophthalmology, Medical College, Trivandrum—State Share	55.00	20.00	10.00	10.00	10.00	5.00
(x) ,, 034	Providing Generators in the Medical College Hospitals	5.00	1.00	1.00	1.00	1.00	..
(xi) ,, 038	Establishment of Regional Cancer Centre, Trivandrum—State Share	60.00	16.00	10.00	10.00	25.00	20.00
(xii) ,, 040	Dental College, Trivandrum	30.00	1.00	5.00	5.00	5.00	..
(xiii) ,, 045	Training of Teachers in Specialities and Continuing Medical Education	10.00	3.00	2.00	2.00	2.00	..
Total		915.00	159.50	189.00	268.45	269.29	150.00

STATEMENT GN-2

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
4. Prevention and Control of Diseases							
(i) 6 HEA 102	Control of Communicable Diseases Tuberculosis (Operational Cost)	5.00	1.00	1.00	1.00	1.00	..
(ii) „ 104	National Malaria Eradication Programme—Additional Operational Cost	35.00	7.60	7.00	7.00	7.00	..
(iii) „ 105	Filariasis Control—State Share	60.00	12.00	12.00	5.00	5.00	..
(iv) „ 106	Cholera—State Share	5.00	1.00	1.00	1.00	1.00	..
(v) „ 108	Tuberculosis (Excluding Operational Cost)—State Share	40.00	12.00	5.00	5.00	5.00	..
(vi) „ 109	Leprosy Control—State Share	6.60	2.00	4.60	..	..	..
(vii) „ 110	Control of Sexually Transmitted Diseases—State Share	25.00	5.00	5.00	15.00	3.75	..
(viii) „ 111	N.M.E.P.—State Share	65.00	13.00	13.00	5.00	5.00	..
(ix) „ 112	National Programme for Prevention and Control of Visual Impairment—State Share	22.00	12.00	10.00	..	..	..
(x) „ (a) 113	Training and Employment of Multi-purpose workers—State Share	70.00	5.00	12.50	12.50	10.00	..
„ (b)	Special Component Plan	..	..	..	..	3.00	..
„ (c)	Tribal Sub Plan	..	..	..	..	1.00	..
(xi) „ (a) 115	Mass Immunisation Programme	15.00	2.00	3.00	3.00	2.20	..
„ (b)	Special Component Plan	..	..	..	..	0.60	..
„ (c)	Tribal Sub Plan	..	..	..	..	0.20	..
Total		348.60	72.60	74.10	40.50	44.75	..

OTHER SYSTEMS OF MEDICINES

Ayurvedic

1. Minimum Needs Programmes:

(i) 6HEA(a) 081	Opening of New Dispensaries	40.00	8.00	9.00	16.50	13.00	2.00
„ (b)	Special Component Plan	15.00	..	3.00	3.00	5.00	1.00
„ (c)	Tribal Sub Plan	3.00	..	..	..	1.00	..
(ii) „ 082	Upgrading of Dispensaries into Hospitals	14.00	4.00	4.00	6.00	4.10	..
(iii) „ (a) 083	Opening of New Ayurveda Hospitals in Rural Areas	20.00	4.00	3.00	4.50	5.00	1.00
„ (b)	Special Component Plan	9.00	..	1.00	1.50	3.00	0.50
(iv) „ 084	Construction of Buildings to Ayurveda Hospitals Dispensaries and Increasing Bed Strength	18.00	3.50	3.50	7.00	5.00	4.00
(v) „ 085	Construction of Nurses' Quarters to Hospitals in Rural Areas	13.00	5.00	5.00	5.00	..	..
(vi) „ 086	Starting of Mobile Dispensaries	5.00	1.00	1.00	2.00	0.90	..
Total		137.00	25.50	29.50	45.50	37.00	8.50

2. Hospitals and Dispensaries

(i) „ 050	Construction of Buildings to Ayurveda Hospitals	8.00	6.00	4.00	4.00	3.00	3.00
(ii) „ 053	Construction of Building for District Hospitals	2.00	2.00	..	..	..	..
(iii) „ 054	Raising the Status of Ayurveda Hospitals into District Hospitals and Raising Bed strength in District Hospitals	16.00	3.00	3.00	6.50	5.00	1.00

STATEMENT GN-2

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(iv) 6 HEA 056	Strengthening of Staff Wing in the Directorate	5.00	2.00	1.00	3.25	2.00	..
(v) ,,	Strengthening of Administrative Wing in the District Offices	5.00	..	..	..	1.00	..
(vi) ,, 059	Improvement of Mental Hospital, Kottakkal	3.00	1.00	1.00	1.00	1.00	0.50
(vii) ,, 060	Establishment of Sidha Vaidya Hospitals and Dispensaries	1.00	0.50	0.10	0.50	0.50	..
(viii) ,, 061	Purchase of Vehicles for Directorate and District Offices	7.00	1.50	1.50	1.50	2.00	..
(ix) ,, 064	Starting 'Marma' Section in Taluk Hospitals and Development of Panchakarma Treatment	2.00	0.50	0.40	1.20	0.50	..
(x) ,, 065	Establishment of a Nature Cure Centre at Varkala	6.00	2.50	2.00	2.00	2.00	1.00
(xi) ,, 066	Opening of New Hospitals Other than in Rural Areas	7.00	1.00	1.00	1.70	2.00	0.75
(xii) ,, 072	Improvement of Central Stores and Establishment of District Stores	10.00	3.50	3.50	2.50	2.00	1.00
(xiii)	Construction of Building for District Offices	2.00	..	..	..	..	..
Total		74.00	23.50	17.50	24.15	21.00	7.25
3. EDUCATION							
(i) ,, 049	Construction of Pharmacy Buildings, hospitals, Staff Quarters and Men's Hostel for Ayurveda College, Trippunithura	35.00	5.00	5.00	5.00	7.00	7.00
(ii) ,, 051	Continuing Degree Course in Pharmacy	3.00	0.25	0.50	..	0.50	..
(iii) ,, 052	Ayurveda College, Trivandrum	10.00	1.00	2.00	2.00	2.50	1.00
(iv) ,, 057	Grant-in-aid to Private Ayurveda College, Shoranur and Ollur and Assistance to Ayurveda College, Kottakkal	3.00	0.85	0.95	0.95	2.75	..
(v) ,, 058	Construction of Men's and Ladies' Hostels and Staff Quarters, Pharmacy Building etc., for Ayurveda College, Trivandrum	20.00	2.00	2.00	2.00	4.00	4.00
(vi) ,, 062	Expansion of Collegiate Hospital Trivandrum	8.00	1.00	1.50	1.50	2.00	1.00
(vii) ,, 063	Payward Facilities for Ayurveda College Hospitals	10.00	1.00	1.00	1.00	2.00	2.00
(viii) ,, 068	Publication Division in Ayurveda College, Trivandrum	6.00	0.50	1.00	1.00	1.50	0.75
(ix) ,, 070	Ayurveda College, Trippunithura	12.00	1.50	2.00	2.00	2.50	..
(x) ,, 071	Training of Pharmacists and Nurses in Ayurveda	2.00	0.25	0.25	0.25	0.50	..
(xi) ,, 073	Training in Prakrithi Chikilsa	2.00	0.30	0.50	0.50	0.25	..
(xii) ,, 074	Collection and Preservation of Manuscripts	3.00	0.20	0.50	0.50	0.50	..
(xiii) ,, 075	Preparation of Text Books	4.00	0.35	0.50	0.50	1.00	1.00
(xiv) ,, 076	Expansion of College Libraries	4.00	0.50	1.00	0.50	1.00	1.00
(xv) ,, 077	Specialisation in various Branches of Ayurveda	2.00	0.20	0.50	0.50	0.50	..
(xvi) ,, 078	Condensed Degree Courses	2.50	0.50	0.50	..	..	..
(xvii) ,, 079	Refresher Course for Paramedical Staff, Teachers and Medical Officers	2.50	0.50	0.50	0.50	0.50	..

LV

STATEMENT GN-2

HI. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(xviii) 6HEA 067	Regional Research Institute, Poojapura including Model Demonstration Garden of Herbs	35.00	10.10	5.00	0.25	6.00	6.00
(xix) ,, 080	National Institute of Ayurveda	0.001	..	..	..	..	..
	Total	164.001	26.00	25.00	18.95	35.00	23.75
	Total—Ayurveda	375.001	75.00	72.20	88.60	93.00	39.50
HOMOEOPATHY							
1. Minimum Needs Programme							
,, 088 (a)	Opening of Homoeo Rural Dispensaries	40.00	5.25	6.00	6.00	8.00	2.50
,, (b)	Special Component Plan	20.00	..	2.00	2.00	2.00	1.00
,, (c)	Tribal Sub Plan	..	..	..	..	1.00	..
	Total	60.00	5.25	8.00	8.00	11.00	3.50
2. Hospitals and Dispensaries							
(i) ,, 087	Construction of Buildings for Existing Homoeo Hospitals & Dispensaries	5.00	1.00	1.00	1.00	1.50	1.50
(ii) ,, 089	District Hospitals and Dispensaries (including Opening of Homoeo Dispensaries and Hospitals in Idukki, Malappuram and Quilon)	12.00	3.65	4.00	4.00	4.00	—
(iii) ,, 090	Strengthening of Administrative Machinery including Building for Directorate	5.00	2.00	2.00	1.00	1.00	0.25
(iv) ,, 093	District Offices	3.00	1.00	..	..	1.00	..
(v) ,, 094	Opening of Taluk Hospitals	14.00	2.00	3.00	3.00	3.00	..
(vi) ,, 096	Increasing Bed Strength in the District and Taluk Hospitals	1.00	0.25	0.50	0.50	0.50	—
(vii) ,, 097	Providing Modern Equipments and Other Facilities in Hospitals	1.50	0.25	0.25	0.25	0.25	..
(viii) ,, 098	Starting of Drugs Unit	6.00	0.25	0.25	..	0.25	..
(ix) ,, 101	Co-operative Society for the Manufacture of Homoeo Medicines	1.50	0.50	0.50	..	0.50	..
(xi)	Purchase of Departmental Vehicles	4.00	..	..	..	2.00	..
	Total	53.00	10.90	11.50	9.75	14.00	1.75
3. Education							
(i) ,, 091	Starting of Degree College and Hospitals in Homoeopathy	10.00	2.00	2.00	3.00	2.00	0.25
(ii) ,, 092	Development of Existing Homoeopathy Degree College, Calicut, Buildings and Hospital Buildings	50.00	4.00	11.00	11.00	13.00	8.00
(iii) ,,	Refresher Courses to Staff and Medical Officers—Training Course	2.00	..	..	..	0.50	..
(iv) ,, 095	Starting of College for condensed Degree Course	..	0.50	..	..	..	..
(v) ,, 100	Financial Aid for Upgrading Existing Diploma Colleges	..	0.50	..	..	..	..
	Total	62.00	7.00	13.00	14.00	15.50	8.25
	Total—Homoeopathy	175.00	23.15	32.50	31.75	40.50	13.50

STATEMENT GN-2

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-83 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83		
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
OTHER HEALTH SCHEMES								
(i)	6 HEA 048S	Starting of Power Laundries and Establishment of Generators in District and Taluk Hospitals	15.00	0.50	3.00	3.00	3.50	..
(ii)	„ 116	Prevention of Food Adulteration-Food Administration (Augmentation)	49.00	9.00	9.00	9.00	10.00	..
(iii)	„ 117	Drugs Control	20.00	4.00	4.00	4.00	4.00	1.00
(iv)	„ 118	Health Statistics and Research	1.00	0.20	0.20	0.20	0.25	..
(v)	„ 119	Health Education and Publicity	5.00	1.00	1.00	1.00	1.00	..
(vi)	„ 120	Health Care for School Children	275.00	80.00	100.00	60.00	70.00	..
(vii)	„ 121	Public Health Laboratories	30.00	3.00	4.00	4.00	7.00	..
(viii)	„ 122	Chemical Examiner's Laboratory	30.00	2.30	5.70	5.70	7.00	5.00
(ix)	„ 123	Government Analyst's Laboratory	45.00	6.00	6.00	9.00	9.00	..
(x)	„ 124	Tribal Area Sub Plan	15.00	3.00	3.00	3.00	3.00	..
(xi)	„ 069	Pharmaceutical Corporation (ISM)	15.00	1.00	3.00	3.00	3.00	..
(xii)	„	Fraternity Home for Integrated Healing	..	..	..	..	1.00	..
		Total	500.00	110.00	138.90	101.90	118.75	6.00
(xiii)	126	E. S. I. Scheme	30.00	3.38	4.30	4.30	5.21	..
		Total—Medical, Public Health and Sanitation	3655.001	675.78*	750.00	830.00	900.00	350.00
SEWERAGE AND WATER SUPPLY								
6SWS1	<i>Direction and Administration</i>							
(i)	001	Setting up of a Planning Cell	7.00	1.02	3.00	3.00	3.20	..
(ii)	002	Strengthening of Execution Unit for the Implementation of Plan Schemes and Reorganisation of Department	50.00	8.83	5.50	5.50	30.00	..
<i>2. Survey and Investigation</i>								
003 and 004	Investigation, Planning and Designs Units, including Strengthening of I.P.D. Units		125.00	27.00 12.00	40.00	40.00	40.00	..
<i>3. Research</i>								
005	Research Wing		2.00	1.00	1.00	1.00	0.10	..
<i>4. Training</i>								
006	Training		5.00	2.00	1.00	1.00	1.00	..
<i>5. Machinery and Equipment</i>								
007	Inventory Control, Staff and Equipment		1.00	1.00	0.50	0.50	0.50	..
		Sub Total	190.00	52.40	51.00	51.00	74.80	..
<i>6. Sewerage Schemes</i>								
<i>A. Fresh Schemes</i>								
(i)	008	Trivandrum Sewerage Scheme	325.00	45.00	55.00	55.00	80.00	53.00
(ii)	009	Quilon „	200.00	45.00	40.00	40.00	50.00	33.00
(iii)	010	Calicut „	225.00	45.00	40.00	40.00	50.00	33.00
(iv)	011	Guruvayoor „	20.00	10.00	10.00	10.00	8.00	5.25
(v)	„	Alleppey „	13.00	..	..	..	..	..
(vi)	„	Palghat „	10.00	..	..	..	..	..
(vii)	„	Trichur „	10.00	..	..	..	..	..
(viii)	„	Cannanore „	10.00	..	..	..	..	..
(ix)	„	Kottayam „	10.00	..	..	..	..	..

* This does not include Rs. 9.00 lakhs for 'Air and Water Pollution'.

STATEMENT GN-2

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83		
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
B. AUGMENTATION SCHEMES								
<i>Rural Sewerage Schemes</i>								
(x)	012(a)	E.S.P. Type Latrines	45.00	5.00	5.00	5.00	5.00	3.33
	(b)	Do. Special Component Plan	63.00	15.00	15.00	15.00	13.00	8.64
	(c)	Do. to Scheduled Tribes	22.00	..	..	..	7.00	4.66
(xi)	(a)	U.N.D.P. Project for Low-Cost Sanitation (to be Implemented by P.H.E.D.)	30.00	..	..	..	1.00	..
	(b)	Do. Special Component Plan	16.00	..	..	..	..	..
	(c)	Do. to Scheduled Tribes	4.00	..	..	..	..	..
<i>7. Drainage Schemes:</i>								
<i>Fresh Schemes</i>								
	013	Cochin Storm Water Drainage Scheme	78.00	20.00	15.00	..	..	..
<i>8. Urban Water Supply Schemes</i>								
<i>A. Fresh Schemes</i>								
(i)	014	Greater Cochin Water Supply and Sewerage Scheme	400.00	61.00	80.00	80.00	100.00	65.00
(ii)	015	Chalakudy Water Supply Scheme	8.00	2.00	1.00	1.00	0.50	0.32
(iii)	016	Punalur "	8.50	4.00	1.00	1.00	1.00	0.65
(iv)	017	Tirur "	9.50	3.00	1.00	1.00	1.00	0.65
(v)	018	Vaikom "	35.00	12.00	9.00	9.00	10.00	6.50
(vi)	019	Construction of Storage Dam at Peparu for Augmentation of Trivandrum Water Supply Scheme	550.00	200.00	170.00	170.00	200.00	130.00
(vii)	020	Cranganor Water Supply Scheme	120.00	30.00	30.00	30.00	30.00	22.75
(viii)	021	Angamali "	80.00	15.00	17.00	17.00	22.00	14.00
(ix)	022	Completion of Partially Commissioned Schemes	170.00	107.00	25.00	25.00	80.00	65.00
(x)	023	Improvements to Existing Water Supply Schemes	100.00	25.00	1.00	1.00	5.00	3.25
(xi)	024	Pathanamthitta Water Supply Scheme	85.00	10.00	17.00	17.00	20.00	13.00
(xii)	025	Thodupuzha "	100.00	10.00	15.00	15.00	30.00	19.50
(xiii)	026	Tripunithura "	100.00	15.00	17.00	17.00	30.00	19.50
<i>Water Supply Schemes to Newly Formed Municipalities</i>								
(xiv)	027	(a) Nedumangad Water Supply Scheme	5.00	..	..	..	1.00	0.65
		(b) Chengannoore "	5.00	..	..	..	0.50	0.32
		(c) Kothamangalam "	5.00	17.00	7.00	7.00	0.50	0.32
		(d) Ponnani "	5.00	..	..	..	0.50	0.32
		(e) Chowghat "	5.00	..	..	..	3.00	1.95
		(f) Shoranur "	5.00	..	..	..	1.00	0.65
		(g) Manjeri "	5.00	..	..	..	0.50	0.32
		(h) Varkala "	5.00	..	..	..	1.00	0.65
<i>9. I. B. R. D. Schemes:</i>								
(xv)	028	Idukki Township Water Supply Scheme	200.00	..	25.00	..	1.00	0.65
<i>B. Augmentation Schemes</i>								
<i>(a) I.B.R.D. Schemes</i>								
(xvi)	038	Quilon Water Supply Schemes (Aug) Scheme	430.00	..	35.00	..	16.00	10.40
(xvii)	039	Kottayam "	300.00	1.00	30.00	..	11.00	7.15

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>(b) Other Augmentation Schemes</i>							
(xviii) 029	Palghat Water Supply (Aug.) Scheme	85.00	25.00	15.00	15.00	20.00	13.00
(xix) 030	Trichur "	145.00	45.00	15.00	15.00	30.00	19.50
(xx) 031	Malappuram "	30.00	20.00	3.00	3.00	15.00	9.75
(xxi) 032	Kayamkulam "	15.00	10.00	3.00	3.00	1.00	0.65
(xxii) 033	Shertalla "	20.00	10.00	5.00	5.00	1.00	0.65
(xxiii) 034	Palai "	20.00	10.00	5.00	5.00	0.50	0.32
(xxiv) 035	Alleppey "	10.00	..	1.00	1.00	0.10	0.06
(xxv) 036	Cannanore "	12.00	..	6.00	6.00	1.00	0.65
(xxvi) 037	Badagara "	5.00	..	1.00	1.00	1.00	0.65
(xxvii) 049	Greater Trivandrum Water Supply (Augmentation) Scheme	20.00	..	1.00	1.00	1.00	0.65
(xxviii)	Greater Calicut "	20.00	..	1.00	1.00	1.00	0.65
Sub Total		4199.00	817.00	717.00	612.00	851.10	571.21
10. <i>Minimum Needs Programme—Rural Water Supply Scheme</i>							
A. <i>Piped Water Supply</i>							
(i) 040	Rural Water Supply Scheme (L.I.C. Aided)	481.00	52.00	170.00	170.00	200.00	146.25
(ii) 041	Other Rural Water Supply Scheme	200.00	139.42	54.00	54.00	135.00	89.00
(iii) 042	Comprehensive Water Supply Schemes to Ayloor, Nemmara	42.00	15.00	15.00	15.00	15.00	9.75
(iv) 043	Sabarimala Water Supply Scheme	50.00	20.00	20.00	20.00	20.00	13.00
(v) 044	Accelerated Rural " (Spillover)	5.00	1.00	2.00	2.00	1.00	0.60
(vi) 045	Improvements and Special Repairs to Existing Schemes	20.00	..	2.00	2.00	..	..
046		25.00	5.00	5.00	5.00	50.00	32.55
(vii) 047	<i>Water Supply Schemes Benefiting Weaker Sections of the Society:</i>						
	(a) Other Rural Water Supply Schemes Benefiting Harijans—Special Component Plan	400.00	96.38	150.00	150.00	170.00	112.20
	(b) Do. to Scheduled Tribes	..	..	..	..	20.00	13.20
(viii) 048	Protected Water Supply to Tribal Areas (Tribal Sub Plan)	100.00	32.94	20.00	20.00	25.00	16.50
<i>Schemes Posed for Bilateral Assistance:</i>							
(ix) 051	Comprehensive Water Supply to Nattika Firka	400.00	5.00	45.00	45.00	50.00	32.50
(x) 052	Comprehensive Water Supply Scheme to Vakkom-Anjengo	150.00	15.00	45.00	45.00	50.00	32.50
(xi) 053	Kuttanad Water Supply Scheme	250.00	..	50.00	50.00	25.00	16.25
(xii) 062	Thrikkunnapuzha Water Supply Scheme	10.00	..	..	..	3.00	2.00
(xiii) 062	Comprehensive Water Supply Schemes to Kundara and adjoining Panchayats	140.00	..	1.00	1.00	0.50	..
(xiv) 066	Comprehensive Water Supply Scheme to Thavannur, Edappal, Vattamkulam, Alumcode, etc.	70.00	..	1.00	1.00	0.50	..
(xv) 068	Comprehensive Water Supply Schemes to Quilandy and Adjacent Panchayats	180.00	..	1.00	1.00	0.50	..
(xvi) 069	Comprehensive Water Supply Schemes to Chumbalakode, Kondotty and Feroke	150.00	..	1.00	1.00	0.50	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. in lakhs)

Sl. No. and Code No.	Name of Schemes/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(xvii) 070	Comprehensive Water Supply Scheme to Payyannur and Adjacent Panchayats	200.00	..	1.00	1.00	0.50	Nil
(xviii) 056	Vechoochira Water Supply Scheme	42.00	..	2.00	2.00	..	..
(xix) 059	Thalanad ..	14.00	..	1.00	1.00	..	..
(xx) 065	Comprehensive Water Supply Scheme to Kottathara, Mattachucadu and Anaketty	18.00	..	1.00	1.00	..	..
(xxi) 067	Comprehensive Water Supply Scheme to Sulttanbattery and Noolpuzha	80.00	..	1.00	1.00	..	..
(xxii) 071	Comprehensive Water Supply Scheme to Kottakkal and Parappur	30.00	..	1.00	1.00	..	..
<i>Schemes Posed for I.B.R.D. Assistance</i>							
(xxiii) 054	Water Supply Scheme to Cochin Development Area (Central Zone and South west Zones Rural)	913.00	..	44.00	44.00	0.90	..
(xxiv) 055	Vilappil Water Supply Scheme	30.00	..	2.00	2.00	0.10	..
(xxv) 057	Koipuram ..	40.00	..	2.00	2.00	0.10	..
(xxvi) 058	Cheriyanaad ..	30.00	..	2.00	2.00	0.10	..
(xxvii) 060	Comprehensive Water Supply Scheme to Chithara, Kadakkal and Nilamel	125.00	..	4.00	4.00	0.10	..
(xxviii) 063	Do. to Vadavukode, Puthencruz and Ayikaranad	40.00	..	1.00	1.00	0.10	..
(xxix) 064	Do. to Mala, Annammanada, Kuzhoor and Poyya	35.00	..	1.00	1.00	0.10	..
(xxx) 061	Do. to Adoor, Ezhamukulam and Pattazhi Bored Wells (Nil)	80.00	..	1.00	1.00	0.10	..
<i>Dug Wells</i>							
(xxxi) 072	(a) Open Dug Wells	50.00	10.00	10.00	10.00	10.00	..
	(b) Do. Special Component Plan	80.00	20.00	20.00	20.00	18.75	..
	(c) Do. to Scheduled Tribes	20.00	..	..	..	6.25	..
Sub Total M.N.P.		4500.00	411.74	676.00	676.00	803.10	516.30
11. Rural Water Supply Schemes other than M.N.P.							
(i)	Comprehensive Rural Water Supply Scheme to Kolencherry and Adjacent Panchayats	26.00	..	..	..	0.50	..
(ii)	Comprehensive Rural Water Supply Scheme to Pavaratty, Challissery and adjoining Panchayats	25.00	..	..	..	0.50	..
(iii)	Do. Meenangandi and Adjoining Panchayats	10.00	..	..	..	..	..
(iv)	Do. to Manamthody, Thondaranad Ambalavayal, and Adjoining Panchayats	10.00	..	..	..	..	..
(v)	Do. to Vythiri, Chundal and Adjoining Panchayats	10.00	..	..	..	..	..
(vi)	Comprehensive Water Supply Scheme to Meppadi and Adjoining Panchayats	10.00	..	..	..	..	..
(vii)	Do. to Aryanade, Poovachal and Adjoining Panchayats	10.00
Sub Total		101.00	1.00	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>Pollution Control</i>							
073	Prevention of Air and Water Pollution	60.00	9.00	6.00	6.00	10.00	..
Sub Total		60.00	9.00	6.00	6.00	10.00	..
TOTAL—SEWERAGE AND WATER SUPPLY		9050.00	1290.14	1450.00	1345.00	1740.00	1087.51
HOUSING							
1.6HSG004	(a) Low income Group Housing Scheme	160.00	69.72	67.00	67.00	52.00	} 40.00
	(b) Do. Special Component Plan	40.00	11.08	8.00	8.00	8.00	
2. 006	(a) Middle Income Group Housing Scheme	120.00	64.58	45.00	50.00	35.00	} 26.00
	(b) Do. Special Component Plan	25.00	7.17	5.00	..	5.00	
3. 001	Rental Housing Scheme for Government and Local Bodies Employees	600.00	102.71	40.00	40.00	100.00	66.00
4. 002	Government Residential Quarters	100.00	35.00	40.00	40.00	40.00	26.00
Sub Total 1 to 4		1045.00	290.26	205.00	205.00	240.00	158.00
<i>5. Minimum Needs Programme</i>							
(i) 018	(a) Provision of House Sites for Landless Workers in Rural Areas	237.50	45.00	45.00	45.00	47.50	} 56.00
	(b) Do. Special Component Plan	172.50	35.00	35.00	35.00	34.50	
	(c) Do. Tribal Sub Plan	15.00	..	..	..	3.00	
(ii) 020	(a) Construction of Huts/Houses for Rural Workers	300.00	65.00	9.00	132.00	35.00	27.50
	(b) Do. For Special Component Plan	50.00	..	1.00	..	7.00	..
(iii) 019	(a) Settlement of Agricultural labourers in Government Poramboke lands	12.50	2.50	2.499	2.499	2.50	} 3.30
	(b) Do. Special Component Plan	10.00	2.50	2.50	2.50	2.00	
	(c) Do. for Scheduled Tribes	2.50	..	..	..	0.50	
(iv) 026	Assistance to Kerala State Development Corporation for SC & ST—Special Component Plan (SC & ST Corporation)	400.00	75.00	75.00	75.00	85.00	56.00
Sub Total M.N.P.		1200.00	225.00	169.999	291.999	217.00	142.80
6. 016	Kerala State Housing Board	900.00@	110.00@ 60.00	200.00@	200.00@	200.00@	132.00
7. 007	Slum Clearance and Rehousing-Special Component Plan	50.00	..	11.00	11.00	20.00	13.20
8. 008	(a) Upgradation of Marginal Settlements	45.00	9.00	8.00	8.00	8.00	} 5.90
	(b) Do. Special Component Plan	5.00	..	1.00	1.00	1.00	
Sub Total		100.00	9.00	20.00	20.00	29.00	19.10
9. 003	Police Housing Scheme	150.00	50.00	40.00	40.00	40.00	26.00
10. 013	Government Servants/Policemen's Housing Co-operative Societies	80.00	2.00	20.00	20.00	22.00	14.50
Sub Total		230.00	52.00	60.00	60.00	62.00	40.50
11. 017	(a) House Building Advance to Government Servants	534.00	360.00	180.00	} 250.00	225.00	} 165.00
	(b) Do. Special Component Plan	60.00	40.00	20.00		22.50	
	(c) Do. for Scheduled Tribes	6.00		2.50	
Sub Total		600.00	400.00	200.00	250.00	250.00	165.00

@Market borrowing

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
12.	<i>Other Schemes</i>						
(i) 16.6 HSG 005	Land Acquisition and Development	5.00	50.00	..	..	..	..
(ii) 009	Housing Schemes for Industrial Workers	16.00	4.00	1.00	4.00	4.00	2.60
(iii) 011	Kerala Co-operative Housing Federation	100.00@ 20.00*	20.00	25.00	50.00@ 25.00	50.00@ 25.00*	33.00
(iv) 012	Kerala School Teaching and Non-teaching Staff's Welfare Society for Housing	100.00	50.00	30.00	30.00	36.00	23.70
(v) 014	Sponsored Research in low Cost Housing	5.00	1.00	1.00	1.00	1.00	..
(vi) 015	Housing Scheme for Plantation Workers (I.C. not included—Central Scheme)	8.00	8.00	..	9.00	..	..
(vii) 021	(a) Village Housing Project (b) Do. Special Component Plan	70.00 10.00	46.58 5.17	22.50 2.50	25.00	22.50 2.50	16.50
(viii) 022	(a) Co-operative Housing Scheme for Economically Weaker Sections (b) Do. Special Component Plan (c) Do. for Scheduled Tribes	150.00 144.00 6.00	.. .. ..	40.00 20.00 ..	40.00 20.00 ..	40.00 18.00 21.00	39.50
(ix) 023	Housing Schemes for Kasargode	10.00	2.00	2.00	2.00	2.00	1.30
(x) 024	Tribal Area Sub Plan	50.00	10.00	10.00	10.00	10.00	6.00
(xi) (i) 025	Colonisation Scheme in Attappady	30.00	6.00	6.00	6.00	6.00	3.00
(xii) 027	Settlement Scheme to Assignees of Kayal Land—Chembukayal Reclamation Scheme	1.00	..	0.001	0.001	..	..
	Sub Total—Other Schemes	725.00	202.75	160.001	222.001	219.00	125.60
	TOTAL—HOUSING	4800.00	1349.01	1015.00	1249.00	1217.00	783.00

@ Market borrowing

* Share Capital Contribution.

URBAN DEVELOPMENT

Financial Assistance to Local Bodies—Remunerative Schemes

(i) 6UDT 002	Kerala Urban Development Finance Corporation	580.00	110.00*	110.00*	110.00*	130.00	85.80
(ii)	Share Capital Contribution to Kerala Urban Development Finance Corporation	20.00	..	..	..	10.00	..
2.	<i>Non-Remunerative Schemes</i>						
(i) 001	Town Improvement Scheme—Financial Assistance to Municipalities/Corporations	50.00	10.00	10.00	10.00	20.00	13.00
(ii) 006	District Planning Units of the Department	10.00	2.00	2.00	2.00	3.00	..
(iii) 009	Master Plans for Agro-Industrial Centres, Urban Areas and Tourist Centres	9.00	1.60	1.60	1.60	2.00	..
	* Market Borrowings						
(iv) 017	Reorganisation of Head Quarters Unit and Subordinate Offices of the Town Planning Department	18.00	3.00	3.00	3.00	4.00	..
(v) 012	Traffic Operation Plan for Major Urban Centres	5.00	1.00	1.00	1.00	0.20	..
(vi) 013	Creation of Planning and Development Authorities in Selected Urban Areas	50.00	8.00† 0.002	7.999† 0.001	8.00	9.00	..
(vii) 014	Implementation of Development Plans in Urban Areas—Financial Assistance to Planning and Development Authorities for Implementing Development Plan (Grant-in-aid), including Township at Idukki	160.00	10.00@ 4.00	16.00	16.00	20.30	13.30

(+) Includes the scheme, "Idukki Development Authority" and "Trivandrum Town Planning Trust Authority".

@ Includes the schemes, "Urban Environmental Improvements" and "Urban Development Including Land Acquisition".

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(viii) 018	Preparation of a State Spatial Development Plan	15.00	3.00	3.00	3.00	3.00	..
3.	<i>Town and Country/Regional Planning</i>						
(i) 021	State Town and Country Planning Board	2.00	0.70	0.70	0.70	0.50	..
(ii) 022	Creation of an Evaluation and Monitoring Cell	5.00	0.70	0.70	0.70	1.00	..
(iii) 024 S6	Scheme for the Development of Growth Centres	8.00	1.50	1.50	1.50	1.50	..
(iv) 14 6UDT 011 S1 6 UDT 016 S6	Training of Personnel (including Apprenticeship Training) and In-service Orientation	9.00	1.50	1.50	1.50	1.50	..
(v) 15.6UDT 023 S5	Improvement and Development of Smaller Towns (50% Central Assistance) Matching Contribution from State Government	350.00	75.00	75.00	75.00	75.00	46.00
(vi) 16.	Re-development of Blighted Spots in Major Urban Centres	5.00	..	..	..	2.50	..
(vii) 17.6UDT 019 S9	Decennial Urban Land Use Survey Coinciding with Census Operation Urban and Regional information System	4.00	..	1.00	1.00	1.50	..
4.	<i>Environment Improvement of Slums (Minimum Needs Programme):</i>						
026	Slum Improvement in Municipal/City Corporation Areas—Special Component Plan	600.00	65.00	65.00	65.00	75.00	46.00
	Total—Urban Development	1900.00	297.002	300.00	300.00	360.00	204.10

INFORMATION AND PUBLICITY

Press Information Service:

1.	61 AP (i) 010	Press Tours	3.00	1.30	0.30	0.60	0.30	..
	(ii) 012	Press Academy	10.00	1.00	1.00	5.00	1.25	0.50
2.		<i>Field Publicity</i>						
	(i) 001	Strengthening of Field Publicity	10.00	1.25	1.25	3.85	1.25	0.50
	(ii) 011	Exhibition	10.00	1.00	1.00	30.00	1.00	..
	(iii) 002	Community Listening Sets (Special Component Plan)	1.25	0.25	0.25	0.25	0.25	..
3.		<i>Songs and Drama Service</i>						
	003	Cultural Affairs (Songs and Drama)	10.00	2.00	2.00	2.00	3.00	..
4.		<i>Photo Service</i>						
	004	Photo Publicity	6.50	1.50	1.50	1.60	1.25	..
5.		<i>Advertising and Visual Publicity</i>						
	(i) 005	Display Advertisement	10.00	3.00	1.00	6.00	1.25	..
	(ii) 007	Information Centres	1.75	0.25	0.25	0.25	0.20	..
	(iii) 008	Films	10.00	1.50	1.50	1.70	1.60	..
	(iv) 006	Publicity Materials	3.50	0.75	0.75	1.25	0.75	..
	(v) 014	Publication of Books	0.50	0.10	0.10	0.10	0.10	..
6.		<i>Research and Training in Mass Communication</i>						
	019	Training of Field Publicity Officers	0.50	0.10	0.10	0.10	0.10	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Schemes/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
7. Others							
(i) 013	Welfare Fund for Journalists—Government Contribution	8.00	1.00	1.00	2.50	2.70	..
(ii) 015	Welfare Fund for Cine-artists—Government Contribution	5.00	1.00	1.00	1.00	1.00	..
	Total—Information and Publicity	90.00	16.00	13.00	56.20	16.00	1.00
LABOUR AND LABOUR WELFARE							
1. Direction and Administration							
6LLW 001	Development of the Directorate of Training	7.00	2.00	1.50	1.50	2.00	..
2. Working Conditions and Safety							
(i) 002	Machinery for Enforcement of Agricultural Labourers' Minimum Wages Act (50% Centrally Sponsored)	10.00	..	3.00	3.00	3.00	..
(ii) 003	Industrial Hygiene Laboratory	7.00	..	2.00	2.00	2.00	..
	Sub Total	17.00	..	5.00	5.00	5.00	..
3. General Labour Welfare:							
(i) 6LLW 006 S9	Labour Welfare Fund Board (State Share)	23.00	11.40	11.40	11.40	1.80	..
(ii) 6LLW 010 S5	Welfare Scheme for Cashew Workers	1.00	0.20	0.20	0.20	2.00	..
(iii) 017	Welfare Scheme for Coir Workers	1.00	0.20	0.20	0.20	2.00	..
(iv) 018	Welfare Scheme for Coconut, Palmyrah and Arecanut Tree Climbers	10.00	25.20	2.00	2.00	4.00	..
(v)	Welfare Scheme for Handloom Workers	..	..	..	..	0.70	..
(vi)	Welfare Scheme for Construction Workers and Quarry Workers	..	..	..	..	0.70	..
	Sub Total 4 to 9	35.00	37.00	13.80	13.80	11.20	..
4. Education and Training							
(i) 019	Strengthening of Industrial Training Institutes, Including Diversification of Trades	47.00	11.00 10.00	25.00	25.00	33.00	20.00
(ii) 021	New Industrial Training Institutes (including Women's I.T.L., Trivandrum)	74.00	15.00	20.95	20.95	25.00	14.00
(iii)	Model I.T.I. at Calicut	..	..	..	..	1.00	..
(iv) 029	Regional Vocational Training Institute for Women	5.00	..	2.00	2.00	2.00	1.25
(v) 026	C.T.I. Training and Retraining	5.00	1.00	1.00	1.00	2.00	..
(vi) 024	Advanced Courses (Post I.T.L Training)	5.00	1.00	1.00	1.00	1.00	..
(vii) 027 (a)	Scheme for S.C. & S.T. —Special Component Plan	5.00	1.00	1.00	1.00	0.80	..
	(b) do. for Scheduled Tribes	..	..	..	..	0.20	..
(viii) 023	Training Scheme for Candidates Sponsored by the Labour Welfare Fund Board	1.00	1.00	..	..	..	..
(ix) 025	Advanced Vocational Training Scheme	13.00	4.00	4.00	4.00	4.50	3.00
(x) 022	Apprenticeship Training Scheme	15.00	2.00	3.00	3.00	4.00	..
	Sub Total	170.00	46.00	57.95	57.95	73.50	38.25

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Schemes/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5. Development of Institutions							
007	Institute of Labour and Employment	4.00	1.00	1.00	1.00	1.00	..
6. Employment Services*							
(i) 004 (a)	National Employment Scheme—Establishment of Town/Taluk Employment Exchange	15.00	3.56	4.00	4.00	5.12	..
(b)	Special Component Plan	..	0.44	..	..	..	..
(ii) 012	Strengthening of Vocational Guidance Programme	1.00	..	0.25	0.25	0.28	..
(iii) 013	Strengthening of Employment Market Information Programme	3.00	..	1.00	1.00	1.40	..
(iv) 014	Establishment of Special Cells for SC/ST and Ex-Servicemen at District Headquarters—Special Component Plan	3.00	..	1.00	1.00	1.00	..
(v) 015(a)	Establishment of Coaching-cum-Guidance Centres for S.C./S.T. Special Component Plan	4.00	..	2.00	2.00	1.50	..
(b)	do. for Scheduled Tribes	..	..	..	..	0.50	..
Sub Total		26.00	4.00	8.25	8.25	9.80	..
7.	005 Overseas Development and Employment Promotion Consultant Limited	16.00	8.00	8.00	8.00	8.00	..
8. Others							
(i) 028	Working Womens Welfare Society and Hostel for Working Women	20.00	50.00	2.50	2.50	7.50	..
(ii) 008	Employment Generation Scheme	2.00	500.00†	2.00	2.00	2.00	..
(iii) 016	Rehabilitation of Plantation Limited	..	0.001	0.001	0.001	..	..
(iv) 009	Rehabilitation of Repatriates from Sri Lanka	..	4.00 0.003	0.004	0.004	..	..
Total: Others		22.00	554.004	4.505	4.505	9.50	..
Total—Labour and Labour Welfare		297.00	652.004	100.005	100.005	120.00	38.25

WELFARE OF SCHEDULED CASTES, SCHEDULED TRIBES AND OTHER BACKWARD CLASSES

A. Welfare of Scheduled Castes

1. Education

(i) 6 WBC	001	Scholarships and Stipends	60.00	10.00	11.00	13.50	13.31	..
(ii)	002	Boarding Grants	4.40	0.75	0.80	0.80	0.97	..
(iii)	003	Special Incentives to Talented Students	0.70	0.10	0.10	0.30	0.36	..
(iv)	004	Cosmopolitan Hostels	29.00	6.05	6.35	4.50	7.44	4.84
(v)	005	Welfare Hostels	45.00	7.40	8.00	8.00	9.68	4.84
(vi)	006	Adult Education	1.00	0.05	0.20	0.20	0.27	..
(vii)	007	Girls' Hostels (State Share)	20.00	6.27	5.50	5.50	6.65	2.42
(viii)	034	Coaching and Allied Schemes (State Share)	10.00	1.00	2.00	2.00	2.42	..

* Employment Assistance scheme and "Employment generation scheme" have been transferred to the head Community Development.

† To be charged under Community Development Sector.

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STATEMENT GN-2

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-83 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(ix) 6 WBC 022	Pre-matric Scholarships to Children of those engaged in Unclean Occupations	2.50	0.50	0.50	0.50	0.01	..
(x) ,, 035	Book Banks to Medical and Engineering Students	5.00	1.00	1.00	1.00	1.00	..
(xi) ,, 026	Starting of Technological Institute	5.00	1.00	1.00	1.00	1.00	..
	Sub Total	182.60	34.62	36.45	37.30	43.11	12.10
2. Economic Uplift							
(i) 6 WBC 008	Subsidy to Technically Trained Hands	7.00	1.00	1.00	1.00	1.20	..
(ii) ,, 015	Colonisation including Common Buildings to Major Colonies	150.00	42.78	28.00	28.00	29.19	9.68
(iii) ,, 009	Financial Assistance to Professionally Qualified Persons	0.65	0.10	0.10	0.10	0.12	..
(iv) ,, 012	Production Centres	25.00	3.00	3.50	3.50	10.00	..
(v) ,, 028	Dairy Development	130.00	50.00	30.00	30.00	26.30	..
(vi) ,, 029	Financial Assistance to Harijan families engaged in Traditional Occupation	180.00	..	40.00	40.00	21.46	..
(vii) ,, 024	Starting of Industrial Co-operative Societies for Trained Harijans	75.00	30.00	20.00	20.00	6.00	..
(viii) ,, 031	Assistance to Tradesmen for Setting up of Workshops	5.00	..	1.00	1.00	8.47	..
(ix) ,, 031	Agricultural Schemes for Scheduled Castes	100.00	..	..	..	..	..
	Sub Total	672.65	126.88	123.60	123.60	108.84	9.68
3. Health, Housing and Others							
(i) 6 WBC 013	Inter-caste Marriage	20.00	3.07	4.00	4.00	7.26	..
(ii) ,, 016	Housing	375.00	86.91	75.00	75.00	84.70	..
(iii) ,, 017	Wells	23.00	1.00	3.00	3.00	3.50	..
(iv) ,, 018	Training in Mid-Wifery	1.50	1.50	..	..	..	..
(v) ,, 019	Eradication of Untouchability	13.00	2.10	3.00	3.00	4.00	..
(vi) ,, 021	Setting up of Machinery for Untouchability (State Share)	15.00	2.00	3.00	3.00	3.50	..
(vii) ,, 020	Strengthening of Administrative and Executive Machinery	20.00	3.00	3.00	3.00	10.00	..
(viii) ,, 023	Balawadi-cum-Feeding Centres	55.00	4.43	10.00	7.00	12.00	..
(ix) ,, 024	Harijan Co-operatives	0.25	0.05	0.25	0.25	0.01	..
(x) ,, 025	Planning and Statistics Cell	7.00	1.00	1.50	1.50	2.00	..
(xi) ,, 027	Training of Scheduled Castes in Trades where there is Dearth of Hands among Registrants in Employment Exchanges	5.00	1.00	1.00	1.00	3.93	..
(xii) ,, 028	Assistance for Tiling and Strengthening of Harijan Houses	100.00	47.47	12.00	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-83 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>New Schemes proposed</i>							
(xiii)	Monetary Grant to Victims of Atrocities	..	..	..	..	2.40	..
(ix)	Establishment of Burial Ground (Compound Wall or Fencing)	..	..	..	..	3.60	3.60
Sub Total		634.75	153.53	103.75	100.75	148.90	3.60
Total A—Welfare of Scheduled Castes		1490.00	315.03	263.80	261.65	300.85	25.38
B. Welfare of Scheduled Tribes							
1. Education							
(i)	6 WBC 039 Tribal Hostels	60.00	6.00	9.00	9.00	12.00	2.00
(ii)	056 Balwadies and Creches	16.00	1.00	2.00	2.00	4.00	..
(iii)	057 Grant-in-aid to Voluntary Organisations	8.00	1.00	2.00	2.00	1.00	..
(iv)	058 Providing Library Reading Materials and Radio to Hostels	0.90	0.30	0.15	0.15	0.15	..
(v)	059 Special Coaching to Students	2.53	0.75	0.75	0.75	0.50	..
(vi)	061 Training in Popular Trades	4.00	0.25	1.00	1.00	0.30	..
(vii)	060 Grant of Stipends etc., to Students in Tutorial Colleges	9.20	0.75	2.00	2.00	3.00	..
(viii)	062 Benefit Oriented Camps—Training Campaign	3.25	0.45	0.70	0.70	0.36	..
(ix)	040 Girls' Hostels (State Share)	18.00	2.75	2.00	2.00	3.00	3.00
(x)	043 Research Training and Special Project	50.00	9.00	12.00	NA	10.00	..
(xi)	044 Mini Theatres (Cultural Centres)	3.00	..	1.00	1.00	0.10	..
Sub Total		174.88	22.25	32.60	20.60	34.41	5.00
2. Economic Uplift							
(i)	6 WBC 055 Colonisation	51.62	3.00	10.00	10.00	2.00	..
(ii)	063 Hamlet Development	110.00	9.60	15.00	15.00	25.00	..
(iii)	064 Agriculture and Allied Sectors including Grants for the Purchase of Agricultural Implements	5.50	3.00	1.00	1.00	1.50	..
(iv)	049 Production-cum-Training Centres	16.90	0.50	3.00	3.00	5.00	..
(v)	050 Employment to Tribals in Industry	2.10	0.25	0.50	0.50	0.50	..
(vi)	065 Andiyodaya Programmes	17.00	..	3.50	3.50	2.00	..
(vii)	066 Financial Assistance to Small Entrepreneurs	4.00	..	1.00	1.00	0.20	..
(viii)	074 Rehabilitation of Bonded Labour State Share	15.00	2.12	3.00	3.00	8.00	..
Sub—Total		222.12	18.47	37.00	37.00	44.20	..
3. Health, Housing and Others							
(i)	6 WBC 052 Housing	155.00	32.12	20.00	20.00	25.00	..
(ii)	067 Repairs to existing Houses and Wells of Tribes	10.00	..	3.00	3.00	3.00	..
(iii)	068 Engineering Wing	4.00	..	1.00	1.00	0.25	..

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III. SECTORAL PROGRAMMES--SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-83 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(iv) 6 WBC	069 Planning and Statistical Cell	4.00	..	1.00	1.00	1.00	..
(v) "	070 Construction of Residential Quarters	30.00	..	5.00	5.00	5.00	5.00
(vi) "	061 Administration	50.00	6.41	9.60	9.60	14.50	..
	Sub Total	253.00	38.53	39.60	39.60	48.75	5.00
	Total--B Welfare of Scheduled Tribes	650.00	79.25	109.20	97.20	127.36	10.00
C. Welfare of Other Backward Classes							
(i) 6 WBC	072 Educational Concessions	22.00	4.00	4.50	4.50	5.45	..
(ii) "	073 Boarding Grants	3.00	0.50	0.50	0.50	0.61	..
(iii) "	075 Development Corporation for Christian converts from Scheduled Castes	0.001	6.14	0.002	0.002	20.00	..
	Total--C Welfare of Other Backward Classes	25.001	10.64	5.002	5.002	26.06	..
D. Others							
(i) 6 WBC	076 Kerala State Development Corporation for Scheduled Castes/Scheduled Tribes	325.00	75.202	55.003	55.003	66.55	66.00
(ii) "	077 Commission to Enquire into the Socio-Economic Conditions of Scheduled Castes/Scheduled Tribes	10.00	6.74	2.00	2.00	1.18	..
	Total--D. Others	335.00	81.942	57.003	57.003	67.73	66.00
	Total : Welfare of Scheduled Castes, Scheduled Tribes and Other Backward Classes	2500.001	486.862	435.005	420.855	522.00	101.38
SOCIAL WELFARE							
<i>Direction and Administration</i>							
(i) 6 SWE	001 Strengthening of Administration	15.00	2.00	3.00	3.00	3.00	1.00
(ii)	002 Inspection Wing and Statistical Unit	5.00	0.80	1.00	1.00	1.00	..
	Sub Total	20.00	2.80	4.00	4.00	4.00	1.00
2. Education And Welfare of the Handicapped							
(i)	018 Opening of Special Schools for the Handicapped	3.00	1.00	..	..	2.00	..
(ii)	005 School for the Mentally Retarded	7.00	0.99	1.50	..	2.75	1.50
(iii)	006 (a) Pre-matic Scholarship to the Handicapped	45.00	3.42	4.50	20.00	9.90	..
	(b) Do. Special Component Plan	..	0.38	0.50

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Schemes/Project	Sixth Five Year Plan 1980-83 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(iv)	6SWE 016 Assistance to Mentally Retarded Children in Private Institution	1.50	0.10	0.15	0.50	0.25	..
(v)	013 Production Centres for the Handicapped	2.00	0.10	0.15	0.10	0.10	..
(vi)	015 (a) Self-employment Programme for the Disabled (b) Do. Special Component Plan	11.00	0.90	1.35	3.00	2.00	..
(vii)	007 Placement of the Handicapped Centrally Sponsored (States' Share)	..	0.10	0.15	..	..	..
(viii)	012 Handicapped Persons' Welfare Corporation	7.50	1.50	1.50	1.50	1.50	..
(ix)	014 Assistance for Orthotic and Prosthetic Aids	30.00	5.00	5.00	5.00	7.00	3.50
(x)	004 Home for the Handicapped (Aged)	10.00	2.00	2.00	2.00	0.10	..
(xi)	017 (a) Home for Mentally Deficient Children	11.00	1.00	1.75	1.75	1.00	..
(xii)	017 (a) Home for Mentally Deficient Children	7.00	0.001	..	..	..	..
(xii)	008 Programme to be Initiated during the International Year of the Disabled	..	..	8.00	..	..	..
(a)	Co-operatives for the Disabled	6.00	..	..	4.00	1.00	..
(b)	Incentives to Private Employes for Employing the Handicapped (Wage-Subsidy)	3.00	..	..	..	..	..
(c)	State Awards	0.50	..	..	0.15	0.10	..
(d)	Cater Home for Disabled Children	3.00	..	..	1.00	1.00	..
(e)	Rehabilitation of Mental Patients	5.00	..	..	..	..	..
(f)	Institute for Research, Education, Training & Rehabilitation of the Mentally Retarded	10.00	..	..	..	6.95	4.00
(g)	020 Preparation for the International year of the Disabled	2.00	..	..	..	..	..
(h)	Formation of a Board for the Education and Rehabilitation of the Handicapped	0.50	..	..	..	..	..
	Sub Total—Education and Welfare of Handicapped	165.00	19.492	26.55	39.00	35.65	9.00
3. Family and Child Welfare							
A. Child Welfare							
(i)	027 (a) Day Care cum-Creches in the Unorganised Sector	15.00	3.90	2.70	5.00	5.00	..
	(b) Do. Special Component Plan	..	0.10	0.30	..	..	..
(ii)	028 Grant in Aid to Voluntary Organisations for Pre-school Education (Nursery School)	10.00	..	2.00	..	..	..
(iii)	030 (a) Integrated Child Development Service Scheme (State Sector)	148.00	23.00	20.00	20.00	20.00	..
	(b) Do. Special Component Plan	5.00	5.00	4.00	..
	(c) Do. for Scheduled Tribes	1.00	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Schemes/Project	Sixth Five Year Plan 1980-83 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(iv)	029 Construction of Anganawadies	3.00	0.25	0.30	0.30	0.30	0.25
(v)	022 (a) Composite Programme for Women and Pre-School children	36.00	11.70	4.50	26.50	6.00	..
	(b) Do. Special Component Plan	..	..	0.50	..	..	..
B. Women Welfare							
(vi)	021 Training to Women in Distress for Rehabilitation	5.00	1.00	1.00	..	..	..
(vii)	026 (a) Grant to Women for Self Employment	6.25	1.25	1.25	5.00	0.70	..
	(b) Do. Special Component Plan	..	..	..	..	0.30	..
(viii)	025 Grants to Women's Organisations for Socio-economic Programmes for Women	13.75	5.00	2.15	2.15	2.20	..
	Sub Total—Family and Child Welfare	237.00	46.20	39.70	63.95	39.50	0.25
4. Welfare of Poor and Destitutes							
(i)	032 Industrial Units in Abalamandirs	2.00	0.40	0.40	0.40	0.40	..
(ii)	Shelter for Waifs and Strays	2.00	..	..	..	..	..
(iii)	035 Grant-in-aid to Orphanages (Centrally Sponsored State's Share)	11.00	2.00	2.00	10.00	5.00	..
(iv)	034 Building to Social Welfare Institution	5.00	1.00	1.00	1.00	1.00	0.65
	Sub Total—Welfare of Poor and Destitutes	20.00	3.40	3.40	11.40	6.40	0.65
5. Correctional Homes							
(i)	038 Borstal Schools	7.00	0.90	..	0.24	0.25	..
(ii)	28.6 Industrial Units in Balamandirs/Childrens homes	3.00	1.00	..	0.89	0.55	..
(iii)	031 Implementation of Children's Act	3.00	0.70	..	2.03	1.10	..
(iv)	Vocational Training to Prisoners for Rehabilitation	3.00	..	..	..	0.75	0.60
(v)	040 Welfare officers in Prison	4.00	0.70	0.70	0.70	0.90	..
	Sub Total-Correctional Services	20.00	3.30	0.70	3.86	3.85	0.60
Probation and After Care Services							
32.6SWE 037	Strengthening of Probation Services	3.00	0.55	0.55	0.85	0.85	..
33.6 SWE 039	Assistance for after Care Programme	2.00	0.10	0.10	0.10	0.10	..
	Sub Total—Probation and After Care Service	5.00	0.65	0.65	0.95	0.90	..
	Total—Social Welfare	467.00	75.842	75.00	123.16	90.00	11.50

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Schemes/Project	Sixth Five Year Plan 1980-83 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83			
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
NUTRITION									
1. Direction and Administration									
(i)	NUT 006	Nutrition Bureau	2.50	0.50	0.50	0.50	0.50	..	
(ii)		Office Building for Nutrition Division of the Health Services Department	5.00	..	..	..	0.20	..
2.6 NUT Programme for the Pre-School Children									
(i)	002	(a) Special Nutrition Programme	294.0	46.00	62.00	62.00	60.00	..	
		(b) Do. Special Component plan	116.00	36.00	20.00	20.00	53.00	..	
(ii)	006	Do. for Tribal Sub-Plan Area	20.00	4.00	4.00	4.00	18.00	..	
	004	Health Based Nutrition Programme	48.00	10.00	9.50	9.50	8.00	..	
		Do. Special Component Plan	2.00	..	0.50	0.50	0.50	1.50	
		Do. for S.T.	..	..	..	..	2.00	..
(iii)	005	(a) Applied Nutrition Programme	320.00	67.00	60.999	61.00	66.00	..	
		(b) Do. Special Component Plan	30.00	..	6.00	6.00	20.00	..	
		(c) Do. for S.T.	..	..	..	..	2.00	..
(iv)	003	(a) Special Feeding Programme One meal a day Programme	567.50	80.00	130.00	130.00	80.00	..	
		(b) Do. Special Component Plan	200.00	80.00	30.00	30.00	68.00	..	
		(c) Do. for S.T.	..	..	..	..	10.00	..
3. Programmes for School Children									
	007	(a) School Mid-day Meals Programme	87.00	16.50	15.00	15.00	10.80	..	
		(b) Do. Special Component Plan	8.00	..	1.50	1.50	8.00	..	
		(c) Do. for S.T.	..	..	..	..	1.00	..
		Total—Nutrition	1700.00	340.00	339.999	340.00	408.00	1.50	
		Total VI—Social and Community Services	30679.00	6631.82	5953.009	6246.87	7115.00	3113.24	
VII. ECONOMIC SERVICES									
<i>General Economic Services</i>									
<i>Planning Board</i>									
1.									
(i)	7GES	001	Strengthening of State Planning Machinery and District Planning Units	120.00	20.85	28.00	28.00	25.00	..
(ii)	"	002	Electronic Data Processing Unit	15.00	..	5.30	..	5.00	..
(iii)	"	004	Preparation of Area Plans and Conducting of Surveys and Studies	19.00	..	6.00	1.00	3.00	..
(iv)	"	003	Plan Publicity	5.00	0.65	2.00	1.00	2.00	..
(v)			Purchase of Vehicles for District Planning Units	10.00	5.00	9.00	..
			Sub Total—Planning Board	169.00	21.50	41.30	35.00	44.00	..

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III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Scheme/Project	Sixth Five Year Plan 1980-83 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83		
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
2. Monitoring and Evaluation								
(i)	7GES 005	Strengthening of Evaluation Machinery in the State Planning Board	5.00	0.85	1.00	1.00	1.00	..
(ii)	"	006 Strengthening of Monitoring Units	5.00	1.00	1.00	1.00	1.00	..
(iii)	"	007 Man-Power Planning Unit	3.00	..	0.50	0.50	0.50	..
		Sub Total—Monitoring and Evaluation	13.00	1.85	2.50	2.50	2.50	..
3. Secretariat								
(i)	7GES	009 District Development Councils	10.00	2.00	2.00	2.00	2.00	..
(ii)	"	010 Publication of District Plans	2.00	0.20	0.20	0.20	0.20	..
(iii)	"	008 Institute of Management in Government (including Construction of Building)	100.00	30.10	10.00	10.00	30.00	..
(iv)	"	011 Implementation of Malayalam as Official Language	10.00	1.00	3.00	3.00	2.00	..
(v)	"	012 Project Cell in Secretariat	5.00	..	1.00	1.00	1.00	..
		Sub Total—Secretariat	127.00	33.30	16.20	16.20	35.20	..
		Total—General Economic Services	309.00	56.65	60.00	53.70	81.70	..
4. Economic Advice and Statistics								
(i)	7EAS	001 Strengthening of Directorate of Economics and Statistics including Re-organisation of District Statistical Units	27.02	5.04	4.40	4.40	5.40	..
(ii)	"	002 Surveys and Studies	32.90	6.56	10.95	10.95	8.60	..
(iii)	"	003 Training of Statistical Personnel	6.93	0.42	0.50	0.50	0.50	..
(iv)	"	009 Purchase of vehicles for District Statistical Offices	9.14	1.34	1.00	1.00	1.50	..
5. Centrally Sponsored Schemes—(State Share)								
(i)	"	009 (a) Timely Report of Agricultural Statistics	190.01	31.00	31.00	38.64	43.30	..
(ii)	"	008 (b) Economic Census and Surveys	..	2.85	2.15	..	..	..
		Total—Economic Advice and Statistics	266.00	47.21	50.00	55.49	59.30	..
Other General Economic Services								
"	"	001 Regulation of Weights and Measures	50.00	6.00	10.00	10.00	12.00	..
		Total—VII Economic Services	625.00	109.86	120.00	119.19	153.00	..
III GENERAL SERVICES								
<i>Stationery and Printing</i>								
(i)	8SAP	002 Government Presses	350.00	0.83	55.00	43.75	60.00	60.00
(ii)	"	003 Kerala Books and Publication Society	50.00	10.00	10.00	10.00	10.00	..
		Total—Stationery and Printing	400.00	10.83	65.00	53.75	70.00	60.00

STATEMENT GN-2

III. SECTORAL PROGRAMMES—SCHEME-WISE OUTLAY AND EXPENDITURE

(Rs. lakhs)

Sl. No. and Code No.	Name of Schemes/Project	Sixth Five Year Plan 1980-83 Agreed Outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83		
				Approved Outlay	Anticipated Expenditure	Proposed Outlay	Of which Capital Content	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
<i>Public Works</i>								
1.	8 PWS 001	Public Building Construction Programme	1410.00	290.00	280.00	280.00	280.00	280.00
2.	" 002	Construction Corporation of Kerala	80.00	15.00	15.00	15.00	20.00	20.00
3.	" 004	Kerala State Engineering Works Limited	30.00	5.00	5.00	5.00	5.00	5.00
		Total—Public Works	1520.00	310.00	300.00	300.00	305.00	305.00
		Total VIII—General Services	1920.00	320.83	365.00	353.75	375.00	365.00
		GRAND TOTAL	155040.50	29906.481	27494.012	32011.459	33120.51	22655.56

1. AGRICULTURE AND ALLIED SERVICES

1.1. Agriculture

The strategy of development under agriculture during the Sixth Plan period aims at improving the productivity through appropriate changes in the cropping pattern, adoption of improved agricultural practices, plant protection measures and extension and training. The training and visit system of extension aims at the overall development of agricultural resources on an area-wide basis. The various programmes proposed under agriculture in the Annual Plan for 1982-83 are given below:

I. Direction and Administration

1. Re-organisation and Strengthening of Agricultural Administration

(Outlay Rs. 296.11 lakhs)

As a major step towards achieving early and sustained increase in agricultural production, the organisational structure of the Department of Agriculture is being reorganised by implementing the Kerala Agricultural Extension Project, based on the Training and Visit system of extension. This project approved by the World Bank has been introduced in three districts in the State viz. Trivandrum, Quilon and Alleppey, with skeleton staff. It is proposed to extend this project to the remaining districts also during the year with the full complement of staff as envisaged by the World Bank. Consequent to the introduction of T and V programme, the demand for agricultural inputs like seed, fertilizer, pesticides, agricultural implements, plant protection equipment, etc. would be very high. To improve the efficiency of the Department's present supply and service system, the infrastructure set up of the Department for supply and services, has to be strengthened and reorganised.

The Plan outlay is for meeting the expenses on pay and allowances of the additional staff required, purchase of vehicles, vehicle advance to field staff, construction of office-cum-residence for field staff, training and other operational costs towards implementing this project. The staff cost of the Planning Cell attached to the Directorate is also to be debited to this outlay.

II. Multiplication and Distribution of Seeds

1. Production and Distribution of Quality Seeds

(Outlay Rs. 4 lakhs)

Enhanced coverage under the high yielding varieties programme is one of the major steps towards increasing rice production in the State. In order to make available adequate quantities of high yielding variety paddy seeds of good quality, paddy seed multiplication and distribution will be organised through selected registered growers in all the districts by extending financial assistance. Procurement and distribution of the seeds will be entrusted to co-operatives, agricultural development centres and other farmers'

organisations by giving incentives. Wherever such facilities are lacking, the Department will take up the procurement and distribution of seeds. Purchase and distribution of seeds from agencies like National Seeds Corporation and other recognised seed selling agencies will also be resorted to. However, the distribution of seeds will be arranged at prices equivalent to the departmental sale price by subsidising the difference in cost price. The outlay is meant for meeting the incentives to registered growers, subsidies on cost of seeds and handling charges towards procurement and distribution, etc.

2. Inspection, Certification and Establishment of a Seed Testing Laboratory.

(Outlay Rs. 0.30 lakh)

The outlay is meant for the construction of a building for the Seed Testing Laboratory at Alleppey, for purchase of equipment and for meeting the running expenses and establishment charges of the laboratory.

3. Development of Existing Seed Farms

(Outlay Rs. 10 lakhs).

The Department of Agriculture is maintaining 34 seed farms. Many of these require additional infrastructure facilities like irrigation, land development, fencing, buildings, residential quarters, stores, etc. for augmenting foundation seed production. The provision is for this purpose.

4. Seed Multiplication in Kayal Lands

(Outlay Rs. 8 lakhs)

The Kayamkulam Kayal Farm requires additional infrastructure facilities such as bunds, culverts, office facilities, etc. The outlay is meant for providing these facilities and for reorganising the activities of the farm to make it more productive.

III. Agricultural Farms.

District Agricultural Farms

(Outlay Rs. 10 lakhs)

In order to meet the increasing demand for quality planting materials of horticultural and other perennial crops on which massive rehabilitation, replanting and fresh planting programmes are envisaged in the Sixth Plan, it is proposed to augment the infrastructure facilities in the existing District Agricultural Farms for enhanced production. Additional facilities like buildings for office accommodation, quarters, labourers' dwellings, irrigation, fencing etc. are to be provided. The District Agricultural Farm at Idukki started in 1981-82 has to be developed and new farms have to be started in Trichur and Wynad districts where no such farms exist at present. The outlay is for this purpose.

IV. Manures and Fertilizers

1. Procurement and Distribution of Green Manure Seeds (Outlay Rs. 3 lakhs)

Procurement and distribution of green manure seeds for sowing in rice fallows and coconut gardens is proposed to be continued during 1982-83 by giving an incentive of 33 1/3 per cent subsidy on the cost of green manure seeds. The outlay is for meeting the subsidy.

2. Soil Testing Service (Outlay Rs. 17.47 lakhs)

At present soil testing laboratories are functioning in ten out of twelve districts. A soil testing laboratory has been newly sanctioned in Idukki District. It is proposed to start one in the Wynad District also where no soil testing laboratory exists at present. Besides these stationary units, there are two mobile soil testing units already functioning and five more have been sanctioned. The proposal is to have one mobile soil testing unit also per district by the end of 1982-83. The outlay is for construction of buildings for District and Central Soil Testing Laboratories, purchase of vehicles for the mobile laboratories, operational expenses of the laboratories and staff cost of the existing and new laboratories.

3. Supply of Soil Ameliorants at Subsidised Rates (Outlay Rs. 5 lakhs)

The scheme envisages supply of soil ameliorants at 50 per cent subsidy to growers of paddy, pulses and coconut in the State. The provision is for meeting the subsidy on the cost of soil ameliorants and for continuance of the existing establishment attached to the scheme.

4. Quality Control of Fertilizers and Pesticides (Outlay Rs. 5 lakhs)

The existing fertiliser control laboratories at Pattambi and Trivandrum and the Pesticides Testing Laboratory at Trivandrum will be continued. In order to ensure quality of fertilisers and plant protection chemicals available in the market, samples will be drawn from stockists and dealers and subjected to analysis in these laboratories periodically. The outlay is meant for meeting the expenses on staff, chemicals and equipments and other incidental expenses required for the continuance of the scheme.

V. Plant Protection

1. State Share for the Control of Brown Plant Hopper in Endemic Areas (Outlay Rs. 5 lakhs)

Under the centrally sponsored scheme for the control of brown plant hopper in endemic areas, assistance by way of 50 per cent subsidy on the cost of plant protection chemicals and operational charges is being provided to the paddy growers for adoption of timely control measures to check endemic outbreaks of brown plant hopper. The outlay in the Plan is meant for accommodating the 50 per cent share to be met by the State Government for the continuance of the scheme during 1982-83.

2. Plant Protection Service

(Outlay Rs. 12 lakhs)

Timely control of pests and diseases depends upon the ready availability and supply of plant protection equipment and chemicals to farmers. Although availability of plant protection equipment in the State has increased considerably due to the operation of the scheme for subsidised distribution of plant protection equipment in the past, the programme has to be continued for some more time so as to sustain the buildup already made. The existing departmental equipment maintained for hiring out to cultivators also need repairs and replacements. Assistance by way of subsidy on plant protection chemicals and operational charges will also be provided to the cultivators for organising control measures against pests and diseases including rodents and storage pests on a campaign basis. The outlay is for meeting 25 per cent subsidy on plant protection equipment and providing liberal incentives for rodent control and other plant protection campaigns, cost of purchase, repair and maintenance of vehicles and plant protection equipment for the Department and the spillover commitments on the additional facilities being created for the existing Parasite Breeding Stations and Pest Surveillance Units etc.

3. Weed Control

(Outlay Rs. 2 lakhs)

Salvinia molesta, a weed which infests the fields and waterways of the State, poses a serious threat to crop production. One of the effective methods of control of this weed is physical removal by organising community action on an area-wide basis. Some mechanical contrivances like the 'water witch' have also been invented. The plan scheme envisages continuance of the weed control campaigns against *Salvinia molesta* and other aquatic weeds by providing suitable incentives to farmers' organisations, panchayats and agricultural development centres. The outlay is for providing such incentives and also incentives for trial and adoption of new manual or mechanical eradication methods.

4. Agricultural Meteorological Service

(Outlay Rs. 2 lakhs)

The scheme envisages establishing mini meteorological centres attached to selected Departmental Farms with a view to arranging regular data collection and interpretation of the weather elements in support of the pest and disease surveillance programme which could be transmitted to farmers through regular news media forecasts on weather and pest incidences. The Plan outlay is for meeting the expenses on staff and spillover commitments towards establishment of meteorological centres and other expenses incidental to implementing the scheme.

5. Operational Research for Integrated Pest Control

(Outlay Rs. 2 lakhs)

The operational research project for integrated pest control is a joint venture of the Department of Agriculture and Kerala Agricultural University with assistance from Indian Council of Agricultural Research. The programme has to be continued till the end of 1982-83. The outlay is meant for meeting the expenses on staff, adaptive trials, etc.

6. *Supply of Metallic Storage Bins to Cultivators at Subsidised Rates*

(Outlay Rs. 0.25 lakh)

The Plan provision is meant for the supply of metallic storage bins at subsidised rates to farmers in order to promote scientific storage of foodgrains. The subsidy portion of the cost of storage bins will be met from this outlay.

7. *Contingency Plan to Tackle Sudden Pest Out-breaks of Endemic Nature*

(Outlay Rs. 1. lakh)

The provision is meant for purchase and stocking of technical material for formulation of insecticides and distribution to ryots at subsidised rates, if necessary, to combat sudden unexpected out-breaks of pests and diseases and any other expenditure incidental and supplementary to these activities.

VI. *Commercial Crops*

(1) *Pulses*

(a) *Pulses Development Programme*

(Outlay Rs. 7.50 lakhs)

The summer rice fallows and an inter-cropping system in the garden lands offer scope for expansion of area under pulses. One of the hurdles in this regard is that sufficient quantity of quality seeds is not produced in the State and therefore the growers have to pay high prices to obtain seeds. As an incentive for cultivation of pulses, seeds will be procured and distributed at subsidised rates. Compact area demonstration in contiguous areas of 5 hectares and above will also be held in farmers' fields by subsidising the cost of fertilizers. The production of Rhizobium culture will be stepped up to cater to the demand in new areas. The outlay made in the Plan is for meeting the subsidies on cost of seeds and fertilizers, establishing a new laboratory for production of Rhizobium culture, and other incidental expenses for implementing the scheme.

(b) *State's share of the Intensive Pulses Development Programme*

(Outlay Rs. 3.91 lakhs)

The provision is for meeting the 50 per cent share of the State Government for the continuance of the centrally sponsored scheme of pulses development.

(2) *Tuber Crops*

(a) *Development of Tuber Crops*

(Outlay Rs. 0.70 lakh)

The development programme of tapioca will be entrusted to the Tapioca Board which is proposed to be established. However in the case of minor tubers like sweet potato, yams etc. which are mostly used as vegetables, availability of quality planting materials is one of the constraints to expansion of area under these crops. The scheme proposes to provide incentives for production and distribution of quality planting materials as well as for adoption of scientific cultivation practices.

(3) *Sugarcane Development*

Comprehensive Sugarcane Development Programme

(Outlay Rs. 8 lakhs)

Sugarcane development activities include programmes for providing additional irrigation facilities by subsidising the investment on individual and community basis, organising a seed multiplication and distribution programme for supplying improved varieties of planting materials at subsidised rate and also motivating the sugarcane growers for the adoption of plant protection measures in time by extending suitable incentives. Area expansion programmes are also envisaged by giving suitable incentives to cane growers. The outlay is meant for accommodating the subsidies to sugarcane growers and expenses on staff.

(4) *Oil Seeds*

(a) *Groundnut Development Programme*

(Outlay Rs. 7 lakhs)

The traditional area under groundnut is confined to Palghat District in the State. The cultivation of groundnut as an intercrop with tapioca in other areas has been found successful. In order to promote extensive cultivation of this crop the scheme provides 50 per cent subsidy on the cost of groundnut seeds. Incentives are also offered to the cultivators to promote intercropping groundnut with tapioca in all the districts in the State. The outlay is for accommodating the subsidies.

(b) *Sesamum Development Programme*

(Outlay Rs. 1.50 lakhs)

In order to promote scientific cultivation practices and encourage the use of high yielding varieties of sesamum seeds, the scheme provides assistance for multiplication and distribution of improved varieties of sesamum seeds, incentives for adoption of scientific cultivation practices and assistance for organising minikit trials with new varietal cultures etc. The outlay is for continuing these activities.

Perennial Oil Seed Plants

(c) *Coconut Development*

(i) *State's Share of the Centrally Sponsored Scheme for T × D Seedling Production*

(Outlay Rs. 2.81 lakhs)

The scheme aims at production and distribution of 50,000 T × D seedlings per year. The outlay is for meeting 50 per cent State's share for continuing the centrally sponsored scheme.

(ii) *State's Share of the Centrally Sponsored Scheme for Rejuvenation of Disease Affected and Unproductive Coconut Plantations*

(Outlay Rs. 11.50 lakhs)

This scheme provides assistance by way of 50 per cent subsidy on the cost of coconut seedlings and maintenance charges of these seedlings for 3 years to the coconut growers in the disease-affected tracts for under planting the disease-affected and unproductive palms. The outlay is for meeting 50 per cent cost on this scheme to be shared by the State.

(iii) *State's Share of the Centrally Sponsored Scheme for Coconut Package Programme*

(Outlay Rs. 18.30 lakhs)

The package programme for scientific cultivation of coconut is implemented through 187 Coconut Package Units in the State. The outlay is meant for accommodating 50 per cent cost on the scheme including staff cost to be shared by State Government.

(iv) *Production and Distribution of Quality Coconut Seedlings*

(Outlay Rs. 60 lakhs)

The production of quality coconut seedlings in the State is proposed to be enhanced to meet the increasing demand of the committed programmes of the Department of Agriculture, SADU, ARDC, etc. The outlay is for meeting the expenses on hybridisation, procurement of seeds, nursery cost, land acquisition charges for additional nurseries, improvement of facilities in existing nurseries, cultivation charges, staff cost and incentives to registered coconut nurseries. Fifty per cent of the cost of this scheme is anticipated from Government of India.

(v) *Spraying for the Control of Coconut Leaf Diseases*

(Outlay Rs. 60 lakhs)

It is proposed to spray 5 crores coconut palms twice in an year to control and contain the proliferation of coconut leaf-rot disease. The Department would supply the required chemicals and plant protection equipment, while the actual spraying operations will be organised by the panchayats. Fifty per cent of the cost of implementation of this scheme is anticipated as assistance from Government of India. Apart from the cost of chemicals and equipment, the spraying charges, expenses on existing and additional staff etc. will also be met from the outlay under this scheme.

(vi) *Comprehensive Coconut Development Programme*

(Outlay Rs. 120 lakhs)

The programme envisages improvement of the coconut gardens by cutting and removing the disease-affected and unproductive palms yielding less than 10 nuts per year, for which an incentive of Rs. 75 per palm will be paid to the grower. The scheme provides also for the supply of quality coconut seedlings at 50 per cent subsidy for replanting, 50 per cent subsidy for adoption of scientific manuring on 10 per cent of the palms in the holding, 33½ per cent subsidy on the cost of green manure seeds and 33½ per cent subsidy on the cost of construction of wells and pumpsets for irrigation. The scheme would cover the entire disease-affected tract in a phased manner. Fifty per cent of the cost of implementation of this scheme is anticipated as assistance from Government of India.

(d) *Development Programme for Oil Palm*

(Outlay Rs. 0.01 lakh)

The provision is for the continuance of the Oil Palm Station, Thodupuzha. Expenses on staff, cultivation charges, cost of hydraulic press and maintenance of the station will be met from the outlay.

5. *Spices Development*

(a) *Spices Nurseries*

(Outlay Rs. 7 lakhs)

The outlay is for meeting the cultivation charges of the progeny orchards, cost of seed materials, nursery cost, expenses on staff etc. for continuing the scheme for multiplication and distribution of planting materials of the hybrid variety of pepper Panniyur—I, improved local varieties of pepper and seedlings of tree spices

(b) *Pepper Development Programme*

(Outlay Rs. 27.35 lakhs)

The outlay made in this Plan is for continuing the programme for rehabilitating the traditional pepper gardens by providing assistance for replanting and fresh planting of pepper vines and promoting scientific manuring and plant protection by giving suitable incentives.

(c) *Development of Ginger, Turmeric and Garlic*

(Outlay Rs. 0.70 lakh)

It is proposed to promote scientific cultivation of ginger, turmeric, and garlic by arranging the supply of quality planting materials and other inputs at 25 per cent subsidy. The outlay is for this purpose.

6. *Cashew Development*

(a) *State's Share for Cashew Cultivation in Private Sector*

(Outlay Rs. 11 lakhs)

The State Government is providing staff, office facilities and subsidies for the implementation of the centrally sponsored scheme for cashew cultivation in private sector. In addition to this, State Government has to bear 50 per cent of the incentives given to the beneficiaries under the Multi-State Cashew Project. The scheme is proposed to be implemented in the southern districts of the State. The outlay is for this purpose.

(b) *State's Share for Cashew Demonstration*

(Outlay Rs. 3.91 lakhs)

The provision is for meeting 50 per cent share of the State Government for continuance of the centrally sponsored scheme for cashew demonstration.

(c) *State's Share for Progeny Gardens for Cashew*

(Outlay Rs. 1.96 lakhs)

The Department is maintaining 80 hectares of progeny gardens in Adoor, Cannanore and 16 hectares in Trivandrum. The outlay is for meeting 50 per cent share of the State Government for continuance of the centrally sponsored scheme for maintaining the progeny gardens for cashew.

(d) *Adoption of Plant Protection Measures for Cashew*

(Outlay Rs. 8 lakhs)

The scheme for adoption of plant protection measures for cashew in private gardens will be continued with an annual target of covering 5000 ha. Under the scheme two rounds of spraying will be carried out after realising a nominal charge of 10 paise per tree per spraying. The outlay is for purchase of plant protection chemicals, equipment, labour charges, and other operational costs on the programme.

(e) *Multi-State Cashew Development Project*

(Outlay Rs. 56.96 lakhs)

The Multi-State Cashew Development Project with World Bank assistance sanctioned for implementation from April 1980 envisages the coverage of 10,000 hectares additionally under cashew in Malappuram and Cannanore Districts in Kerala. Under this project long term loans will be given to cashew growers for fresh planting of cashew, routing the finance through ARDC. The State Government would provide staff support and an incentive subsidy of Rs. 300 per hectare towards this project. The outlay is for meeting the State's commitment on this project.

7. *Cocoa*(a) *Cocoa Development*

(Outlay Rs. 2 lakhs)

As an intercrop for intensifying land use and supplementing income, cocoa offers considerable potential. However in view of the present marketing problems of cocoa beans, Government intends to go slow on the programme for expansion of area under cocoa for the time being. The extension service, training programmes, staff costs etc. in support of the programme will continue by meeting expenses from this outlay.

(b) *Seed Garden for Cocoa*

(Outlay Rs. 0.80 lakh)

Provision is for maintenance of the cocoa seed garden established in the District Agricultural Farm, Chungathara.

(c) *Setting up of Cocoa Processing and Manufacturing Units*

(Outlay Rs. 25 lakhs)

There is a glut of cocoa beans in the market as a result of expansion of area under cocoa from 1972-73 onwards. In order to remove the marketing problems and also to bring about stable prices for cocoa, it is proposed to start a Chocolate Processing and Manufacturing Unit. Another problem is that the cocoa growers generally market their produce in the form of wet beans. The beans have to be fermented and dried scientifically to develop and retain the characteristic cocoa aroma and flavour. Primary cocoa processing units for collection, fermentation and drying have been started in the co-operative sector with Government assistance by way of loans and grants. Additional units have to be started, besides maintaining the units in existence, to process the increasing production of cocoa. The outlay is for giving loans, grants, share capital contribution to the proposed chocolate factory, and expenses like cost of equipment, rent of godowns etc.

8. *Tobacco Development*

(Outlay Rs. 0.80 lakh)

The scheme aims at expansion of area under tobacco by providing incentives to the landless agricultural labourers who cultivate tobacco by leasing land and also for popularisation of scientific cultivation among them. The outlay is for meeting input subsidies to the growers.

9. *Cotton Development*

(Outlay Rs. 2 lakhs)

The scheme envisages popularisation of improved varieties of cotton through the supply of improved seeds and organising scientific cultivation on an area-wide basis by giving incentives by way of input subsidy. The outlay is for giving incentives and expenses on staff.

VII. *Extension and Farmers' Training*1. *Farmers' Training Centre*

(Outlay Rs. 6 lakhs)

Five Farmers' Training Centres have been established in the State for imparting training to farmers on all aspects of cultivation of high yielding variety of paddy. Apart from this it is proposed to conduct short training courses like training on conduct of rice minikit trials, conduct of minikit trials on sesamum and groundnut and transfer of technology to farmers with respect to other crops also. The outlay is for meeting staff and other expenses in this connection.

2. *Training Programme for Agricultural Demonstrators and Junior Agricultural Officers*

(Outlay Rs. 0.18 lakh)

With the introduction of the Training and Visit (T and V) System of extension under the World Bank assisted Kerala Agricultural Extension Project the on-going schemes for inservice and refresher training courses for the field staff will be dispensed with, as the new project would take care of such requirements. A new scheme will be introduced for imparting training on farm management to the Junior Agricultural Officers and Agricultural Demonstrators working in Departmental Farms. Junior Agricultural Officers and Agricultural Demonstrators not coming under the purview of Kerala Agricultural Extension Programme will also have to be trained in various disciplines. The outlay is for this purpose.

3. *Training to Senior Departmental Officers*

(Outlay Rs. 0.30 lakh)

The outlay earmarked is for meeting the training fee, stipend, travel and other allowances of the Departmental Officers deputed for special training within and outside the State.

4. *Inservice Training to Mechanics*

(Outlay Rs. 0.36 lakh)

The provision is for continuance of the inservice training programme for mechanics for operation and maintenance of agricultural machinery.

5. *Special Training Leading to Post-Graduate Diploma*

(Outlay Rs. 0.40 lakh)

The Kerala Agricultural University is conducting a post-graduate diploma course in the disciplines of water management, plant protection and agricultural chemistry. The Department is deputing Officers every year for the above courses. The outlay is for continuing the scheme during 1982-83 by meeting the training expenses and for deputing officers for other post-graduate diploma courses conducted by other State or National or recognised organisations.

VIII. *Agricultural Engineering*

1. *Expansion of Agricultural Engineering Service*

(Outlay Rs. 10 lakhs)

The agricultural engineering problems in the State have not received adequate attention in the past. The scheme envisages strengthening of the State and District level Agricultural Engineering Wing of the Department to provide timely engineering support to various agricultural development programmes. The outlay is for meeting the expenses on staff, equipment and machinery.

2. *Agro-Industries Corporation*

(Outlay Rs. 8.70 lakhs)

The outlay is for meeting the share capital contribution of the State to the Agro-Industries Corporation for its agricultural operations.

IX. *Agricultural Education and Research— Kerala Agricultural University*

(Outlay Rs. 216 lakhs)

Apart from developing the agricultural education programmes to train the graduates and post-graduates in the various faculties, the Kerala Agricultural University proposes to intensify research for finding solutions to the field problems and to provide active support to the extension departments in the State. Research will be intensified towards controlling the coconut root (wilt) disease, evolving semi-dwarf, photo-sensitive high yielding rice varieties, high yielding varieties/types of cashew, spices, plantation crops, etc. Development of a garden tractor, mechanical control of aquatic weeds, standardising small scale methods of manufacturing toffees and other products using cocoa, evolution of all-concentrate feed for cattle using agricultural by-products and wastes, evolving crop/livestock/fish systems suitable to different agro-ecological situations in Kerala etc. are the other activities undertaken. In order to cope with these needs, the existing departments in the three faculties will be strengthened by providing necessary facilities. New Departments like Plant Physiology, Nematology, Microbiology, Agricultural Chemicals and Environmental Biology, Dairy Technology, Meat Technology, etc. are also proposed to be set up. Laboratories, class rooms, hostel and instructional farm facilities are to be provided to the College of Fisheries shifted to its permanent location at Panangad. To serve the needs of the developing co-operative sector, the university started a new degree course viz. B.Sc. (C&B) during 1981-82. New academic programmes at certificate level and P.G. Diploma level are also contemplated. To make research more location-specific, it is proposed to establish Regional Research Stations at Vellayani for the Southern Region, at Kumarakom for the Problem Areas Region, and at Pattambi for the Central Region. Regional Research Station for the Northern Region has already been established at Pilicode in 1980-81. These Regional Research Stations will be developed as centres for both research and extension education activities in the respective regions with emphasis on location-specific problems. Tribal areas will get special importance in training the farmers, rural youth and women on farming practices, nutrition, home management and related aspects.

X. *Storage and Warehousing*

(Outlay Rs. 10 lakhs)

The outlay earmarked is for meeting the share capital contribution to the State Warehousing Corporation by the State Government.

XI. *Agricultural Marketing*

1. *Establishment of Regulated Markets*

(Outlay Rs. 1 lakh)

The Government of Kerala have already taken a policy decision to introduce regulated markets in the State. The outlay is for providing initial support required for market development and for rendering necessary management and supervisory support to the regulated marketing system.

2. *Establishment of Grading Laboratories*

(Outlay Rs. 3.50 lakhs)

Commodities graded under 'Agmark' in Kerala are coconut oil, gingelly oil, ground spices and honey in four Government and three Private laboratories. The proposal is for starting seven more State Agmark Laboratories. The outlay is for meeting the expenses on staff, equipment, chemicals etc. for the new as well as existing laboratories.

3. *Grading at Producers' Level*

(Outlay Rs. 0.10 lakh)

At present no scientific grading of agricultural commodities is done at the producers' level. It is necessary to inculcate the spirit of maintaining quality in production of agricultural produce as well as ensuring the benefit thereto to the concerned producers. The scheme is to give assistance to co-operative marketing societies, regulated markets, agricultural development-centers, and such other organisations for setting up grading facilities.

4. *Market Extension*

(Outlay Rs. 1 lakh)

The cultivators will have to be educated on different aspects of marketing, namely harvesting, processing, packing, grading, market intelligence etc. It is proposed to accomplish this through publications, film shows and radio. In addition to this, market bulletins on weather conditions, crop prospects, price trends, market preferences etc., will also be issued. Market emporia to popularise use of Agmark products will also be encouraged by giving incentives. The outlay is meant for these purposes.

5. *Re-organisation of Marketing Wing*

(Outlay Rs. 5 lakhs)

The Plan outlay is for meeting the staff and office support of the Agricultural Marketing Wing, which has to be re-organised and strengthened for intensifying the marketing services in the State.

6. *Market Investigation and Survey*

(Outlay Rs. 0.25 lakh)

The scheme envisages market surveys, commodity surveys, price spread studies on different commodities, and ad hoc surveys on other aspects of marketing. The outlay is for meeting the expenses on staff and other charges for collection and analysis of data and for publication of survey reports.

7. *Training of Marketing Personnel*

(Outlay Rs. 0.30 lakh)

The outlay is for meeting the training expenses of officers deputed for diploma course, and other short courses in agricultural marketing in and outside the State.

XII. *Others*1. *Changing Cropping Pattern*

(Outlay Rs. 4 lakhs)

The scheme envisages raising of additional crops by suitably adjusting the existing cropping pattern through location-specific development plans and land use programmes. The additional investment on the part of the farmers for adopting the new cropping pattern will be subsidised to the tune of Rs. 250 per hectare. The outlay is for meeting the subsidy.

2. *Projects for Soil and Water Management*

(Outlay Rs. 3.50 lakhs)

The provision is meant for activities including demonstration charges, operational cost, cost of vehicles and staff for increasing water use efficiency in selected command areas of major irrigation projects.

3. *Agricultural Development Programme for Scheduled Castes and Scheduled Tribes*

(Outlay Rs. 128.26 lakhs)

The agricultural development programme of the scheduled castes and scheduled tribes require a different approach than what is generally adopted for other strata of people. The scheme envisages location-specific development programmes with emphasis for land development and intensive cropping for which suitable subsidy on investment will be given. The outlay is for meeting the cost of planting materials and other inputs to be distributed free of cost and the subsidy on infrastructure development. The agricultural development support to be provided for the tribal area sub-plan will also be met from this outlay. A provision of Rs. 22.76 lakhs has been provided for the benefit of scheduled tribes out of the total outlay of Rs. 128.26 lakhs for the scheme.

4. *Agricultural Development Programme for Weaker Sections.*

(Outlay Rs. 5 lakhs)

The weaker sections of the society deserve supporting agricultural development programmes for increasing their income and employment. The scheme envisages suitable location-specific programmes which will be subsidised on a need-based manner. Planting materials and other inputs will be made available at concessional rates. The outlay is for the purpose.

5. *Agricultural Development Centres*

(Outlay Rs. 7 lakhs)

In order to ensure farmers' participation in the various development programmes and to organise service facilities on a self-help basis, it is proposed to establish agricultural development centres in each local body unit. With the introduction of the World Bank assisted Kerala Agricultural Extension Project, the field staff would devote their entire attention on extension activities while the supply and services will be taken over to a large extent by the Agricultural Development Centres. The outlay is meant for training of secretaries, unemployed rural youth as mechanics, kit allowance grant to the Agricultural Development Centres and other expenses incidental or supplementary to the implementation of this scheme.

6. *Contingency Plan to Meet Natural Calamities*

(Outlay Rs. 2 lakhs)

This scheme envisages maintenance of a buffer stock of paddy seeds for distribution as an immediate measure for resowing to areas where crop damages have occurred due to natural calamities. The outlay is for meeting the cost of seeds, storage and other incidental charges. If necessary, seeds will be supplied for resowing at subsidised rates.

7. *Horticulture*(a) *Development of Banana, Pineapple and Other Horticultural Crops*

(Outlay Rs. 1.40 lakhs)

The scheme envisages increasing the productivity of banana, pineapple and other fruit crops through popularisation of improved varieties and effective extension service. The outlay is for continuing the Programme during 1982-83.

(b) *Agri-Horticultural Societies*

(Outlay Rs. 0.10 lakh)

Voluntary organisations like the Agri-Horticultural Societies play a significant role in encouraging the cultivation of fruit trees, vegetables, and ornamental plants etc. especially in urban areas. At present Agri-Horticultural Societies are functioning only in a few districts. The scheme is to render assistance to the existing societies for enlarging the scope of their activities and services including organising fruit and flower shows and all other activities aimed at increasing production and sales of horticultural crops and also to establish new societies in districts where no Agri-Horticultural Societies are functioning at present. The outlay is for this purpose.

(c) *Vegetable Production Programme*

(Outlay Rs. 8 lakhs)

Vegetable production assumes importance not only from its nutritional point of view, but also from its potential for providing labour opportunities augmenting the income of small and marginal farmers and agricultural labourers. Bulk of the demand for vegetables in the urban areas is being met by imports from neighbouring States. It is therefore proposed to concentrate efforts for maximising the production of vegetables in

and around City Corporations and Municipal Towns in District Headquarters. The scheme envisages establishing a service centre at the District Headquarters for arranging supplies and services and also providing incentive subsidies on the cost of seed, fertilisers, plant protection chemical and equipments. The outlay is for meeting the subsidies, staff expenses and other incidentals for establishing and running the centres.

(d) *Development of Fruit Crops in Selected Areas*
(Outlay Rs. 4 lakhs)

The agro-climatic conditions of the State offer wide scope for raising a variety of fruit crops ranging from tropical to semi-temperate types. The scheme sanctioned in 1981-82 for development of mango orchards in Palghat and Cannanore Districts will be continued debiting expenditure to this outlay. Cultivation of other fruit crops in new areas will also be taken up.

8. *Farm Information and Communication*

(a) *Farm News Service*
(Outlay Rs. 6 lakhs)

This is a continuing scheme being implemented by Farm Information Bureau with the co-operation of All India Radio for broadcasting news items regularly at stipulated time, mainly on the supplies and services rendered by the Departments and agencies in the agricultural sector. With the introduction of the Kerala Agricultural Extension Project and Operation Flood Programme the reporting system of Farm News Service has to be further strengthened. The outlay is for meeting cost of existing and additional staff, display advertisements, sponsoring of supplements, production expenses of certain publications, office and travel expenses etc.

(b) *Establishment of Rural Exhibition Units*
(Outlay Rs. 1.50 lakhs)

The provision is for conducting 22 rural exhibitions and major exhibitions in rural areas and district headquarters by Farm Information Bureau. Funds required for functioning of the Regional Offices at Calicut and Ernakulam will also be met from this outlay.

(c) *Production of Instructional Films*
(Outlay Rs. 1 lakh)

The Farm Information Bureau proposes to produce two instructional films, one on agriculture and other on animal husbandry, during the year 1982-83 through the Kerala State Film Development Corporation. Both the films will be in colour, having a duration of 10 to 15 minutes. It is necessary to establish a film library in order to facilitate effective distribution and fuller use of the films available. Provision is meant for the cost of production of the films and establishment of the film library.

(d) *Construction of Photographic Studio and Block Making Units*
(Outlay Rs. 1 lakh)

The Plan provision is for purchase of land and for construction of building to accommodate the photographic studio and block making units.

(e) *Supply of Instructional Slides and Visual Aids to Intensive Paddy Development Units/T & V Units, Intensive Cattle Development Project etc.*

(Outlay Rs. 0.50 lakh)

Slides are one of the most effective visual media for easy communications to farmers. One hundred selected base level units from the Departments of Agriculture, Animal Husbandry and Dairy Development have already been supplied with slide projectors. The units have to be supplied with more slide stories of contemporary significance. The provision made in the Plan is for purchasing sophisticated cameras, production of slide stories, supply of slide projectors to base level units, and for additional staff.

(f) *Farm Book Corners in Rural Libraries*
(Outlay Rs. 1.20 lakhs)

The scheme for Farm Book Corner in Rural libraries has been implemented in 1996 rural libraries. In order to reinforce the activities, it is proposed to provide these libraries with the newly published popular farm books of the State Institute of Languages. Besides, 44 libraries will be provided with steel racks at 50 per cent subsidy, and 3 outstanding libraries will be supplied with 8 mm. cinema projectors at one-third subsidy. District level seminars of the farmers who use these facilities offered through Farm Book Corners will also be organised in all the districts. The outlay is for distribution of books, equipment and other expenses.

(g) *Organising Kisan Melas*
(Outlay Rs. 0.50 lakh)

With a view to giving information support to the various development programmes in the farm sector and to ensure the maximum participation by the actual beneficiaries the Farm Information Bureau proposes to organise 22 Kisan Melas in rural areas. Melas are organised by arranging seminars, cattle shows, anti-sterility camps, veterinary clinics, exhibitions, film shows etc. Sale of farm inputs like good quality planting materials, chicks, eggs, cattle and poultry feed etc. will also be arranged. Melas will be organised with the active co-operation of Departments in the farm sector, local bodies, local co-operative institutions, voluntary organisations etc., The outlay is for this purpose.

(h) *Farm News Service Through Daily Newspapers*
(Outlay Rs. 0.35 lakh)

The farm feature service through daily newspapers has to be streamlined by supplying more items with regional and seasonal interest. Now 14 dailies have started this feature. Information material having more practical value to the farmers is to be collected, processed and supplied. It is also necessary to impart training to potential writers and journalists by organising workshops. The outlay is for the salary of the existing staff, conducting regional workshops and supply of stationery, creation of additional staff, purchase of photographic materials and supply of blocks.

(i) *Farm Information Bureau*

(Outlay Rs. 1.30 lakhs)

To provide information communication support to various schemes, the Farm Information Bureau has to produce various publications like leaflets, folders, guide-books, posters etc. The entire expenditure required for the same is met from this outlay. Besides, the Farm Information Bureau proposes to convert its fortnightly "Kerala Karshakan" into a weekly. The provision is for meeting the expenses in connection with these items of work.

9. *Establishing Departmental Sale Depots in City Corporations and Municipal Areas*

(Outlay Rs. 3.70 lakhs)

The scheme envisages establishment of Departmental sale depots in all the City Corporations and Municipal areas for the supply of seeds, seedlings and planting materials produced in departmental farms and other inputs like fertilizers, plant protection chemicals, agricultural implements, etc. required by the people. Besides, these sale depots would serve as sale points for the agricultural products from the departmental farms. The outlay is for meeting expenses on staff, rent for depots and other incidentals.

10. *Adoption of Cropping Pattern in areas covered under Soil Conservation*

(Outlay Rs. 0.50 lakh)

The follow-up action now being taken for the proper utilisation of the areas covered under soil conservation programmes is quite inadequate. It is therefore proposed to take up follow-up activities in soil conserved areas for promoting the best suited cropping pattern by giving suitable incentives. The outlay is for subsidising the cost of inputs and giving other incentives to farmers.

11. *Project for Comprehensive Development of Kuttanad*

(Outlay Rs. 1 lakh)

A project has been evolved for all round development of Kuttanad, a problem area, for improvement of agricultural and allied activities. Drainage and other water management activities will be the sphere on which the main thrust is given. A scheme has been prepared and financial assistance is expected from international agencies. The outlay is for meeting expenditure on all activities concerned with the above scheme including staff cost.

12. *Crop Insurance*

(Outlay Rs. 1 lakh)

It is proposed to continue crop insurance on a pilot basis in selected areas. The provision is meant for expenses on staff and the State share for the venture.

13. *Control of Mahali Disease for Arecanut*

(Outlay Rs. 2.50 lakhs)

Mahali disease often occurs in an epidemic form in the northern districts of Kerala where arecanut is grown. Its occurrence and proliferation can be

controlled by spraying bordeaux mixture twice ie, once during the pre monsoon and once during the post-monsoon season. The proposal is to subsidise cost of chemicals and services in order to popularise plant protection measures among arecanut growers. The outlay provided is meant for this purpose.

14. *Adaptive Research*

(Outlay Rs. 2.96 lakhs)

It is necessary to test the findings of the research stations for adaptability to local conditions before recommendation for large scale adoption by farmers. This may include introduction of new crop varieties, trials on new cropping pattern suited to different agro-climatic regions of the State, testing new crop combinations, agronomic practices, trials on new pesticides, weedicides etc. The expenditure on this account will be met by the Government. The outlay provided is for this purpose.

15. *Rehabilitation of Existing Farm*

(Outlay Rs. 4 lakhs)

In order to make district agricultural farms and other farms of the Department run on profitable lines it is proposed to realign and replant some of the farms established earlier like the District Agricultural Farm, Taliparamba, Central Orchard, Pattambi, Orange and Vegetable Farm, Nelliampathy etc. with new grafts/seedlings etc. The provision is meant for meeting cost of planting material and necessary inputs, earth work and other realignment charges, provision of irrigation facilities and modernising equipment for processing farm produce. Improving residential amenities to staff including labourers is also contemplated under this programme. The outlay proposed is to meet expenditure in this regard during 1982-83.

16. *Students, Participation in Agricultural Programmes*

(Outlay Rs. 0.50 lakh)

With a view to inculcate interest in the student community towards agriculture it is proposed to encourage vegetable cultivation including cultivation of subsidiary food crops and fruits like banana, papaya etc. in school compounds on a community basis, and also raising kitchen gardens in students' houses. Subsidies for seeds and other planting materials, plant protection chemicals, fertilizers, irrigation etc. are proposed. Also teachers who are willing to supervise and guide the students in these matters will be given suitable incentive from this outlay.

17. *Establishment of Coconut Growers' Co-operative Societies*

(Outlay Rs. 1 lakh)

In order to bring about more farmer involvement in the effective implementation of the various schemes for coconut development it is proposed to organise coconut growers' co-operative societies in the disease-affected areas to begin with. Moreover organised efforts from the side of the coconut growers will have to be mobilised to stem the spread of leaf-rot disease as well as to arrest the declining trend in the productivity of this crop. The scheme envisages grants, managerial assistance and other incidental expenses for establishing these co-operatives.

18. *Establishment of Agricultural Produce Export Cell in the State*

(Outlay Rs. 1 lakh)

Government of India is giving importance to export surplus quantities of agricultural produce by the State. Kerala has vast scope for export of spices, cocoa, and other horticultural produces. The scheme therefore envisages the establishment of Agricultural Produce Export Cells at Department and State levels involving experts drawn from concerned disciplines. The outlay is for meeting the cost of staff, vehicles, and other operational expenditure.

19. *Coconut Development Corporation*

(Outlay Rs. 48 lakhs)

In order to bring about stable conditions in the coconut market the Coconut Development Corporation was set up in the State during the Fifth Plan period. By entering into processing activity the Corporation aims at acquiring a commanding position in the market. State support by way of share capital participation to stabilise the activities of the Corporation is envisaged. The outlay is for this purpose.

20. *Kerala Land Development Corporation*

(Outlay Rs. 90 lakhs)

The Kerala Land Development Corporation was established to take up projects on land development by channelising institutional finance. The two major projects taken by the Corporation are (i) the Kuttanad Development Project and (ii) the Trichur Kole Land Development Project. The outlay is for giving share capital contribution by State Government.

21. *Special Agricultural Development Project*

(Outlay Rs. 210.70 lakhs)

The Kerala Agricultural Development Project, a World Bank assisted programme for the development of tree crops, is under implementation in the State from 1977-78. The total estimated cost of the project with a span of seven years is Rs. 63 crores of which the IDA credit is Rs. 27 crores. The major programmes of the project are:

- (i) Coconut rehabilitation in 30,000 hectares in Cannanore, Kozhikode, Malappuram and Trivandrum Districts;

- (ii) Coconut new planting in 5,000 hectares in Cannanore and Malappuram Districts;

- (iii) Pepper rehabilitation in 10,000 hectares in Cannanore, Kottayam and Idukki Districts;

- (iv) Setting up a seed garden complex in about 500 hectares in Munderi near Nilambur in Malappuram District;

- (v) Rehabilitation of the State-owned cashew plantation of about 2,300 hectares and new planting in 1,470 hectares in Cannanore District;

- (vi) Establishment of 10 crumb rubber factories, each of 10 tonne/day capacity; and

- (vii) Strengthening of research by Central Plantation Crops Research Institute, Kasargode (CPCRI) and Kerala Agricultural University (KAU) on tree crops and providing training and technical assistance facilities.

The programme for coconut rehabilitation, coconut new planting, pepper development and the seed garden complex are being implemented by the Special Agricultural Development Unit (SADU), a Department set up by the State Government specially for this purpose. The Cashew Development Sub-project is implemented by the Plantation Corporation of Kerala Limited (PCK), the crumb rubber processing sub-project by the Kerala State Co-operative Rubber Marketing Federation and the Co-operative rubber marketing societies and the Agricultural Research Sub-Project by the Central Plantation Crops Research Institute and Kerala Agricultural University. The State Government is to provide funds, facilities and services for implementation of programmes by SADU and for research programmes by KAU. The outlay is to meet these expenses.

22. *Share Capital Contribution to Oil Palm India Ltd.*

(Outlay Rs. 14.60 lakhs)

Oil Palm India Limited was registered on 21-11-1977 for taking over the oil palm plantations cultivated and managed by the Plantation Corporation of Kerala Limited and to expand cultivation of this crop. The project envisages raising of oil palm cultivation over an area of 2,000 hectares at Anchal in Quilon District. The outlay proposed is for share capital contribution by State Government.

1.2 Land Reforms

The beneficiaries of land reform measures in Kerala are poor and hence financial support is necessary for their rehabilitation. During the Annual Plan period 1982-83 emphasis will be laid on the rehabilitation and settlement of these land reform beneficiaries. A significant share of the Plan outlay on land reforms is set apart for resurvey of the State and preparation of record of rights. The various programmes under land reforms are detailed below:—

1. *Implementation of Land Reforms Act*

(Outlay Rs. 10 lakhs)

The Plan provision is for meeting the establishment charges of a portion of the staff in Land Tribunals.

2. *Land Board and Land Tribunals under the KLR Act.*

(Outlay Rs. 8 lakhs)

The outlay earmarked is for meeting the establishment charges of the staff attached to the 5 full time Taluk Land Boards and a portion of the staff attached to the State Land Board.

3. *Payment of Compensation for the Lands in Excess of Ceilings.*

(Outlay Rs. 5 lakhs)

According to Section 88 of the KLR Act where ownership or possession or both of any land is vested in Government such person shall be entitled to a compensation either in cash or in Bond. Interest is to be paid for the compensation from the date of taking over of surplus land till the issue of the Bond. The Plan provision for this scheme is for payment of compensation and interest on the amount of compensation to the landlords whose ownership rights on land are vested in Government.

4. *Contribution to the Agriculturist Rehabilitation Fund.*

(Outlay Rs. 40 lakhs)

Government have formulated a scheme for helping the ex-landlords who have no means of living consequent on the implementation of the land reforms. They will be given financial assistance to start self employment activities like small scale industries, maintenance of milch animals etc. Fund for the above purpose will be drawn from the Agriculturists Rehabilitation Fund constituted by Government in 1973 under section 109 of the Act. The amount proposed in the Plan is for payment of solatium to small holders and for rendering help by way of loans, grants, etc., to persons who are adversely affected by the implementation of the Land Reforms Act.

5. *Contribution by Government to Kudikidappukars' Benefit Fund.*

(Outlay Rs. 100 lakhs)

The outlay envisaged under this scheme is for meeting the expenditure on: (i) payment of acquisition charges payable by Government under sub-section 3 of section 72 of the KLR Act; (ii) payment of purchase price payable by the kudikidappukar as provided by sub-section 8 of section 80A; and (iii) payment of grant for housing scheme for kudikidappukar. A part of the outlay for this scheme is set apart for the benefit of the scheduled castes and scheduled tribes. Of the total outlay of Rs. 100 lakhs, Rs. 25 lakhs will be earmarked for the Special Component Plan for scheduled castes and Rs. 5 lakhs for the Tribal Sub Plan.

6. *Payment of Compensation for Vesting of Interests of Landlords under the KLR Act, 1963.*

(Outlay Rs. 102 lakhs)

An amount of compensation is to be paid to landlords and intermediaries whose rights have been vested in Government under section 72 of the KLR Act. The outlay proposed is for meeting the expenditure on payment of compensation.

7. *Assistance to Assignees of Surplus Land.*

(Outlay Rs. 30 lakhs)

Government of India have a scheme for giving financial assistance to the assignees of surplus land for the development and cultivation of the land assigned to them. This is a Central Sector Scheme with 50 per cent assistance from the Government of India. The outlay proposed is the State's share of the scheme. The amount proposed includes share for Special Component Plan and Tribal Sub Plan. Of the total outlay of Rs. 30 lakhs for the scheme, the Component Plan will have Rs. 8 lakhs and the Tribal Sub Plan Rs. 2 lakhs.

8. *Resurvey and Preparation of Records of Rights and Translating Resurvey Records into Land Records.*

(Outlay Rs. 425 lakhs)

The amount proposed for this scheme is for meeting the pay and allowances of the existing 12 resurvey parties, 3 mapping unit offices, the resurvey staff in the 3 range offices in the Board of Revenue and Central Survey Office and to meet the cost of survey stones, labour charges etc. The outlay includes provision for meeting the expenditure on Translation of Resurvey Records into Land Records also. An amount of Rs. 315 lakhs will be for the scheme resurvey of the State and preparation of record of rights and the balance Rs. 110 lakhs will be for translation of resurvey records into land records.

1.3 Minor Irrigation

The undulating topography, uneven distribution of rainfall and the small size of land-holdings render minor irrigation schemes highly important for the State. Certain types of minor irrigation schemes like lift irrigation, tanks and wells have many obvious advantages. They are found to be economically viable, quick yielding and require only low capital investment. In the previous plan periods minor irrigation schemes had a crucial role in the agricultural development of the State. Till March 1980 a cumulative area of 121,944 ha. (net) or 1,42,116 ha. (gross) has been brought under irrigation through minor irrigation schemes at a total investment of Rs. 39 crores.

The objective of the Sixth Plan is to bring an additional area of 47,640 ha. (net) or 56,955 ha. (gross) under minor irrigation for food and cash crop cultivation. Also the surveys and investigations of the Ground Water Department will open up the possibilities of raising irrigation facilities for an area of 1.27 lakh ha. (gross).

During the year 1982-83 the proposed outlay is mainly meant for execution of spill over works and also for a few new works, on priority basis, in areas where irrigation works taken up are few. It is expected that an additional area of 8490 ha. (net) or 10,590 ha. (gross) can be brought under irrigation through minor irrigation schemes during the year. The emphasis has been laid on irrigation for Class I works, irrigation to I.P.D. units, restoration of damaged irrigation systems and ground water exploitation.

The following programmes are proposed for the Annual Plan 1982-83:—

1. Investigation and Development of Ground Water Resources.

(Outlay Rs. 90 lakhs)

The various schemes envisaged for the year 1982-83 are indicated below:

- (i) Ground Water Survey and Investigation.
- (ii) Direction and Administration
- (iii) Scheme for Development of Onattukara Region
- (iv) Coastal Monitoring
- (v) Scheme for Workshop and Stores
- (vi) Geophysical Exploration
- (vii) Setting up a Photogeological Unit
- (viii) Scheme for Minor Irrigation for Comprehensive Coconut Development.
- (ix) Scheme for Development of Ground Water for the Tribal Areas of Attapady
- (x) Scheme for strengthening the State Ground Water Organisation.
- (xi) Setting up of the Tube Well Corporation.

2. Lift Irrigation Schemes

(Outlay Rs. 165 lakhs)

Many of the schemes under minor irrigation are lift irrigation schemes which are economically viable. During the year 1982-83 it is proposed to irrigate 3150

hectares (gross) through lift irrigation. The outlay provided is for this purpose.

3. Minor Irrigation (Class I)

(Outlay Rs. 175 lakhs)

The Plan provision is mainly for completing the on-going schemes and creating an additional irrigation potential of 3150 hectares (gross).

4. Minor Irrigation (Class II)

(Outlay Rs. 40 lakhs)

It is proposed to complete the on-going minor irrigation class II works taken up by Public Works Department and also to implement M.I. Class II works with people's participation. These schemes would add 750 hectares (net and gross) to the irrigated area.

5. Intensive Paddy Development (Yelah Development)

(Outlay Rs. 150 lakhs)

The Plan outlay is to provide irrigation facilities to 1800 hectares of land under intensive paddy development programme to stabilise paddy crop and increase productivity. A number of schemes have been identified under this category.

6. Repairs to Damages caused to M.I. Structures

(Outlay Rs. 74 lakhs)

Since a large number of minor irrigation schemes require repairs to fully utilise their irrigation potential it is proposed to rectify the damages and restore 1500 hectares of land to irrigation facilities during the year.

7. Minor Irrigation—Special Component Plan and Tribal Sub Plan.

(Outlay Rs. 65 lakhs)

It is intended to provide irrigation facilities to areas predominantly inhabited by scheduled castes and tribes under the Plan. This programme includes lift irrigation and M.I. Class II works. It is proposed to develop irrigation facilities in about 400 hectares through this investment.

8. Punja De-watering

(Outlay Rs. 15 lakhs)

This scheme is to benefit the farmers engaged in additional punja cultivation, for dewatering the Kayal lands in Kuttanad area. Out of the total provision of Rs. 15 lakhs, Rs. 2 lakhs is earmarked for the benefit of scheduled caste farmers.

9. Tube Well Corporation

(Outlay Rs. 5 lakhs)

It is proposed to form a Tube Well Corporation with the objective of implementing ground water programmes making maximum use of the sources of institutional finance. It is envisaged that the programmes under ground water development are implemented mainly through individual and co-operative efforts with finances obtained mainly from financial institutions.

1.4 Soil and Water Conservation

Attempts will be made during the Sixth Plan period to step up the scale of effort in soil survey and soil conservation and to effect better co-ordination among Soil Survey Agency, the Land Use Board and the Department of Soil Conservation. The major share of the outlay under the sub-sectors is earmarked for the scheme of soil and water conservation in arable lands in the State. The schemes included in the 1982-83 Annual Plan are given below:

1. Direction and Administration

(Outlay Rs. 6.60 lakhs)

The two separate branches of the Soil Conservation Department viz, Soil Conservation and Soil Survey require strengthening in areas of direction, planning and monitoring. The outlay is to meet expenditure towards this.

2. Soil Survey and Testing

A. On-going Schemes

(i) Soil Survey in Command Areas and Problem Areas

(Outlay Rs. 3.84 lakhs)

Detailed soil survey of command areas of irrigation projects and problem areas in the State is a pre-requisite to formulate suitable cropping pattern and management practices. During the first two years of the Sixth Plan period soil survey works were carried out in the command areas of Idamalayar, Malampuzha and the problem areas of Kuttanad. During 1982-83 an amount of Rs. 3.84 lakhs is proposed for taking up soil survey over an area of 45,000 hectares.

(ii) Soil Survey in Government Lands and Forest Lands

(Outlay Rs. 2.76 lakhs)

This scheme envisages taking up of soil survey in Government lands and forest lands to be assigned to the landless agriculturists. An area of 36,515 hectares has so far been covered by the scheme during the Sixth Plan period. An area of about 1.5 lakh hectares is remaining to be surveyed under Vested Forests and Government lands in the State. The provision proposed for 1982-83 is to meet the expenditure on staff and equipment.

(iii) Strengthening of Soil Survey Organisation

(Outlay Rs. 5.22 lakhs)

During the Sixth Plan period, field soil correlation and regional soil correlation works were initiated in Trivandrum and Trichur Districts. The scheme contemplates taking up of soil correlation and interpretation works at field and regional levels in order to furnish base material for development planning in the field of agriculture, soil and water management, irrigation, forestry etc. The works have to be extended in more areas during 1982-83. The proposed outlay of Rs. 5.22 lakhs is to meet the expenditure on staff, equipment, etc.

(iv) Reconnaissance Soil Survey

(Outlay Rs. 2.40 lakhs)

This scheme contemplates a reconnaissance soil survey of all the Districts in the State with a view to prepare small scale district and taluk soil maps and complete the works as a time bound programme. An outlay of Rs. 2.40 lakhs is proposed for the scheme for 1982-83.

(v) Soil Survey in Soil Conservation Areas

(Outlay Rs. 1.32 lakhs)

Intensive soil survey of the area covered by soil conservation schemes is to be continued so as to ascertain the type of soil conservation measures required in each type of land and to formulate cropping patterns and management practices based on the capability of the land. The provision is for conducting the survey.

(vi) Soil Survey Follow-up Activities

(Outlay Rs. 0.60 lakh)

For the effective utilisation of the information generated through soil surveys, it is essential to have a series of well co-ordinated follow up programmes. The follow up programmes envisaged include rendering advice to the farmers on better land use and cropping pattern, land improvement and soil management practices etc. In order to keep the extension workers well informed of the usefulness of soil survey data for effective implementation of various agricultural programmes, seminars and workshops are also to be conducted.

(vii) Identification and Bench Mark Study of Soils

(Outlay Rs. 0.66 lakh)

The scheme envisages identification of bench mark soils in the State and study them in detail so that the results obtained can be applied to areas in the State having similar soils. An outlay of Rs. 0.66 lakh is proposed for 1982-83.

(viii) Land Use Demonstration

(Outlay Rs. 2.40 lakhs)

The effect of adopting optimum land use based on the results of soil survey has to be demonstrated to the farmers in cultivators' fields. It is proposed to lay out land use demonstration plots over an area of 100 hectares during 1982-83. The outlay of Rs. 2.40 lakhs proposed is for meeting the subsidy to be paid to participating farmers.

(ix) Establishment of Regional Soil Analytical Laboratory and Strengthening of the Existing Laboratory at Konni

(Outlay Rs. 0.60 lakh)

Analysis of soil samples form an integral part of soil survey and classification. The present laboratory established in 1965 has only a limited capacity to analyse samples received from the field units. Hence in the Sixth Plan it is proposed to establish two regional laboratories at Trivandrum and Trichur, and to strengthen the existing regional laboratory at Konni. During 1982-83 it is proposed to strengthen the existing laboratory at Konni.

3. *Research, Education and Training in Soil Conservation*
(Outlay Rs. 6.60 lakhs)

The scheme envisages the continuance and improvement of the research activities in the existing Soil Conservation Research Station at Konni and imparting training to personnel of this Department in the field of soil conservation and soil survey. Training to farmers is also programmed under the scheme. The proposed outlay of Rs. 6.60 lakhs for 1982-83 is for meeting the training expenses as well as for strengthening the adaptive research.

4. *Soil Conservation Scheme*

A. *Ongoing Schemes*

(i) *Soil and Water Conservation in Arable lands*
(Outlay Rs. 75.60 lakhs)

The main objective of the scheme is to protect the cultivable land from the hazards of soil erosion and help increase crop production on a sustained basis. The scheme envisages taking up and implementing integrated soil conservation measures in agricultural lands.

According to the scheme, assistance is in the form of 25 per cent subsidy and 75 per cent loan. The loan portion is recoverable in half-yearly instalments within a period of 10 years with 6 per cent interest. During the first half of 1981-82, about 565 hectares of arable land has been brought under soil conservation measures. The proposal for 1982-83 is to take up soil conservation measures in 900 hectares of arable land.

(ii) *Reclamation of Waterlogged Areas*
(Outlay Rs. 2.64 lakhs)

Selected areas subjected to water-logging could be reclaimed and made productive by providing structures like bunds, sluices etc., During the first half of the Annual Plan 1981-82, it was possible to reclaim 29 hectares of land under this scheme. The proposal for 1982-83 is to take up and implement reclamation work in 75 hectares.

(iii) *Soil Conservation and Integrated Land Development Programme on Watershed Basis Availing Institutional Finance*
(Outlay Rs. 6.60 lakhs)

The scheme aims at taking up of soil conservation and water management measures in 200 ha. during 1982-83 in selected watersheds, availing institutional finance. The establishment charges and subsidy portion namely 25 per cent of the total cost of work, are met from provision under the scheme. The outlay proposed for 1982-83 is Rs. 6.60 lakhs.

(iv) *Pilot Scheme for River Training and Control of Stream Bank Erosion*
(Outlay Rs. 2.64 lakhs)

The scheme envisages taking up of various soil conservation measures such as construction of groynes, and adoption of agronomic and agrostological measures as a pilot project with 100 per cent grant so as to train the rivers to control stream bank erosion. The scheme is at present under implementation in Bharathapuzha

basin. The outlay proposed for 1982-83 is to meet the expenditure on construction and salaries of staff for implementing this pilot scheme.

(v) *Soil Conservation in the Catchment of River Valley Project*
(Outlay Rs. 3.24 lakhs)

Most of the reservoirs in the State are in danger of being silted up due to erosion resulting from unscientific and unregulated management of land. It is proposed to take up integrated soil conservation measures in the catchments of such river valley projects. At present the scheme is under implementation in the catchment of River Valley Project Idukki. The scheme is implemented as per the provision of KLD Act. The amount provided under this head is intended for meeting the cost of staff for investigation, preparation of work plans and for execution of the work.

(vi) *Soil Conservation in Lands Belonging to Harijans and Girijans (Special Component and Tribal Sub Plan)*
(Outlay Rs. 27.60 lakhs)

The object of the scheme is to take up the required soil and water conservation measures in the lands of Harijans and Girijans on 100 per cent grant basis. During 1981-82, 515 ha. of land belonging to Harijans/Girijans was brought under the scheme against the target of 450 ha. The proposal for 1982-83 is to take up and implement the scheme in 315 ha.

(vii) *Soil Conservation in Irrigated Lands*
(Outlay Rs. 4.08 lakhs)

Conservation of soil and moisture is a necessary measure for the full utilisation of irrigation potential. The scheme envisages taking up of soil conservation and water management measures like land levelling, construction of cross bars, retaining walls, etc., so as to optimise the farm production, utilising the irrigation potential in the command areas of irrigation projects like Malampuzha.

(viii) *Soil Conservation Survey*
(Outlay Rs. 1.20 lakhs)

The problem of soil erosion, especially in the down hills of high ranges and upper slopes of midlands, has assumed serious proportions. The scheme envisages the taking up of detailed soil conservation survey so as to fix up suitable priority areas for undertaking soil conservation measures. The proposal for the Sixth Plan period 1980-85 is to conduct soil conservation survey works in 8000 ha. of land expending Rs. 10 lakhs which include the cost of staff also. An amount of Rs. 1.2 lakhs is earmarked for 1982-83.

(ix) *State Share for Soil Conservation in the Catchment of River Valley Project, Kundah*
(Outlay Rs. 30 lakhs)

The scheme contemplates investigation, preparation and execution of soil conservation measures in the watersheds of Kerala portion of Kundah project. The scheme provides 50 per cent subsidy to the beneficiaries. The other 50 per cent will be treated as loan recoverable in 20 half-yearly instalments at 6 per cent interest. During the year 1982-83 it is proposed to take up and implement the work in 750 hectares.

(x) *State Share for Propagation of Water Conservation Harvesting Technology in the Rainfed Dry Land Areas in Palghat*

(Outlay Rs. 3 lakhs)

This is a new scheme proposed under the Centrally Sponsored schemes with 50 per cent State share. It is proposed to implement the scheme in Chittur and Palghat Taluks of Palghat District where more than 90 per cent of the dry land is being cultivated by weaker sections. The scheme envisages harnessing of the rainfall run off, proper storing and timely distribution of the stored up water. This arrangement of providing supplementary irrigation at the critical stage of crop growth in dry land regions is expected to enhance the crop production by about 50 per cent. An outlay of Rs. 3 lakhs is provided for 1982-83 as the State's share.

5. *Others*

(i) *Thanneermukkom Project*

(Outlay Rs. 10.50 lakhs)

Construction of a bridge-cum-regulator in the salt water barrier at Thanneermukkom is in progress.

The outlay earmarked is for the continuance of the construction work.

(ii) *Kattampally Project*

(Outlay Rs. 5 lakhs)

The pilot project envisages the reclamation of 410 hectares of marshy area as part of the second stage of the Kattampally Project. The outlay is to meet the expenditure in connection with reclamation works.

(iii) *Land Use Board*

(Outlay Rs. 10.90 lakhs)

The State Land Use Board undertakes land use surveys using remote sensing techniques and formulates plan for the optimum use of land resources in the State. It is also proposed to set up a Data Bank in the Land Use Board which can collect and store statistics relating to land and land use in the State. The outlay proposed is for meeting the expenditure on staff, equipment etc.

1.5 Special Area Programmes for Rural Development

The various schemes included under this head of development in the Annual Plan for 1982-83 are detailed below:

1. *Command Area Development*

(Outlay Rs. 111.50 lakhs)

A number of problems such as lack of legislative support and lack of co-operation from farmers have prevented the C. A. D. schemes in making any satisfactory achievements in the past. During 1982-83 attempts will be made to overcome the difficulties experienced, by providing necessary legislative support.

During the Sixth Plan period, the State Government proposes to implement the Command Area Development Programme in the commands of the 12 irrigation projects in Palghat, Trichur and Trivandrum districts. The outlay proposed for 1982-83 is the 50 per cent State share to meet the cost of construction of field channels, cost of detailed survey of areas selected for development, subsidy to small and marginal farmers for on-farm development, contribution of equity capital to Kerala Land Development Corporation and Special Loan Fund Account for meeting the credit requirement of farmers and the overheads for implementing the programme.

2. *Development of Backward Areas*

(Outlay Rs. 90 lakhs)

With a view to remove the constraints of development in the backward regions of Wynad, Malappuram, Idukki and Kasargod, Government have formulated various infratructural and other development schemes suitable for these regions. Outlay proposed is meant for providing transport facilities, construction of roads, minor irrigation and soil conservation works, dairying, opening of health centres and rehabilitation of tribal population. A fair part of the outlay proposed will be utilised for the uplift of harijans and tribals.

The outlay proposed also includes provision for Kasargod Area Development Authority to enable the Authority undertake schemes contained in the Report of the Kasargod Development Committee for the overall development of Kasargod area.

3. *Integrated Rural Development Programme*

(Outlay Rs. 604 lakhs)

The prime objective of the programme is to assist the weaker sections of the society such as small and marginal farmers, agricultural labourers, village artisans harijans and tribals to enable them take up gainful employment under suitable schemes prepared by the Blocks. Besides the subsidy amount given by Government, loans are raised through commercial and co-operative banks. The IRD programmes are implemented by the twelve DRDAs in the State. During 1980-81 an amount of Rs. 460 lakhs was spent as subsidy against the loan amount of Rs. 1414 lakhs raised from financial institutions for assisting 69,764 families among which 10,205 were harijan/girijan families.

The proposal for 1982-83 is to implement the programme in all the 151 blocks, including the newly created blocks. The outlay earmarked is the 50 per cent share of the State Government for implementing the programme.

4. *Scheme for Social Input in Area Development (UNICEF Assisted Programme)*

(Outlay Rs. 1 lakh)

The UNICEF assisted programme of 'Social Inputs in Area Development' aims at integrating the schemes for providing social inputs with the ongoing economic development activities. The programme is proposed to be implemented in 27 coastal blocks of Trivandrum, Alleppey, Ernakulam, Malappuram and Kozhikode Districts. A token provision of Rs. 1 lakh is proposed for 1982-83 towards advance action.

1.6 Food**1. Price Support Scheme for Paddy and Tapioca**

(Outlay Rs. 30 lakhs)

This scheme envisages provision of production incentives to the cultivators in the form of support price for paddy and tapioca. The outlay proposed is for adjusting the possible loss in the procurement and sale of these commodities by Government.

2. Strengthening of the Public Distribution System.

(Outlay Rs. 0.01 lakh)

The Kerala State Civil Supplies Corporation is the State agency dealing with the public distribution system in Kerala. In order to strengthen public distribution system, the Corporation requires enhanced equity capital. A token provision is proposed for the scheme for 1982-83.

1.7 Animal Husbandry

The Plan programmes under animal husbandry aim at augmentation of the production of livestock products, promotion of improved animal husbandry practices such as better feeding, breeding and veterinary services and extension of insurance cover to the stock of cross bred cows. The various Plan schemes envisaged for 1982-83 are detailed below:

I Administration and Training

1. Administration and Co-ordination

(Outlay Rs. 7 lakhs)

In order to take up the developmental programmes envisaged in the Sixth Plan the Administrative set up at the district level under the Department of Animal Husbandry needs reorganisation and strengthening. As a part of the programme, during 1982-83, the district level offices at Idukki and Malappuram will be strengthened. It is also proposed to strengthen the Inspection and Vigilance Sections and the Poultry Development Cell at the Directorate and reorganise the poultry farms and egg marketing scheme during the year, so as to shoulder the heavier responsibilities which may arise consequent on the implementation of the programmes.

2. Training Programme

(Outlay Rs. 4 lakhs)

The programme is meant for imparting training in selected branches of veterinary science to departmental personnel and para veterinary personnel. The outlay is for deputing 20 departmental officers for post-graduate diploma courses in Veterinary Science, 8 Veterinary Surgeons for M.V.Sc. course at Kerala Agricultural University and 20 officers for short-term training courses. It is also proposed to train 140 livestock assistants and to give inservice training to 20 livestock assistants, during 1982-83. In addition, weaker sections of the farmers will be given training in modern livestock and poultry rearing practices.

As Special Component Plan of the programme, an outlay of Rs. 0.35 lakh is provided for giving training to scheduled caste /scheduled tribe candidates as livestock assistants and for giving training to 100 farmers belonging to scheduled caste/scheduled tribes in modern livestock and poultry rearing practices.

II Veterinary Services and Animal Health

1. Biological Production Complex

(Outlay Rs. 15 lakhs)

The project envisages stepping up of the production of the biologicals so as to meet the requirements of the State and also the likely demand that may arise from neighbouring States. A Quality Control Laboratory for improvement of biologicals will be set up and epidemiological studies on various animal diseases will be taken up under the project. A part of the outlay is set apart for purchase of equipment and vehicles for the Complex and for completing the construction of buildings.

2. Strengthening and Reorganisation of Veterinary Hospitals

(Outlay Rs. 50 lakhs)

This scheme is for introducing an effective animal health care system in the State to ensure the timely availability of veterinary aid to those who need it at their premises. A multi-disciplinary approach in combating annual diseases, reproductive disorders and nutritional imbalances will be introduced. Veterinary polyclinics will be established in taluk headquarters in a phased manner. Specialists will be appointed to man the polyclinics with more diagnostic and treatment facilities. The provision is for establishing veterinary polyclinics and veterinary hospitals and for upgrading veterinary dispensaries.

Of the total outlay, under Tribal Sub Plan an amount of Rs. 2.50 lakhs is set apart for establishing veterinary polyclinics and veterinary hospitals in tribal areas and for constructing office building and residential quarters for the institutions.

3. Disease Investigation Laboratory

(Outlay Rs. 10 lakhs)

Well organised disease investigation units and diagnostic laboratories are basic requirements for improving the clinical and preventive medicine services. Further, it is essential to take up detailed investigation of various emerging diseases in order to effectively check the outbreak of diseases especially in the areas of intensive livestock production. The Disease Investigation Laboratory at Palode was established with the objectives mentioned above. The outlay is for completion of the construction work, purchase of equipment, vehicles and chemicals for the laboratory.

4. Control of Foot and Mouth Disease—State's Share

(Outlay Rs. 5 lakhs)

The cross bred animals are more susceptible to foot and mouth disease, causing high mortality, morbidity and lowered production resulting in huge economic loss. Since the cost of foot and mouth disease vaccine is high, the farmers belonging to the weaker sections cannot afford to get their animals vaccinated in time. The scheme envisages provision of 50 per cent subsidy on the cost of the vaccine used to vaccinate animals in the intensive areas of livestock production with a view to make the vaccination more popular and acceptable. This subsidy will be shared by the Central and State Governments. In the event of an outbreak of disease, all the cattle of the affected area will be vaccinated free of cost. It is anticipated that about 1.3 lakhs vaccinations could be done during 1982-83. The outlay is for meeting the State's share of the cost of this Centrally Sponsored Scheme.

An amount of Rs. 0.50 lakh is earmarked for vaccinating 13,000 animals owned by scheduled castes and scheduled tribes against foot and mouth disease, free of cost.

5. *AICRP on Epidemiological Studies on Foot and Mouth Disease—State's Share*

(Outlay Rs. 0.25 lakh)

The Kerala Unit of the All India Co-ordinated Research Project is engaged in epidemiological studies on foot and mouth disease in liaison with the ICAR to wipe out the virus responsible for outbreak of the disease in the State. The provision is for meeting the States's share of the cost of the scheme.

6. *Control of Foot and Mouth Disease*

(Outlay Rs. 0.50 lakh)

The provision is for subsidising the cost of foot and mouth disease vaccine required to vaccinate the animals in areas not covered by the Centrally Sponsored Scheme of foot and mouth disease control. The target for 1982-83 is to vaccinate about 7000 animals.

7. *Control of Avian Diseases*

(Outlay Rs. 3.50 lakhs)

The programme envisages establishment of a full fledged laboratory to conduct systematic study and investigation of the incidence of poultry diseases in different regions of the State and conduct of studies on duck diseases prevalent in Kuttanad region. The outlay is for purchase of equipment, chemicals, biologicals and vehicles and for construction work for the laboratory.

8. *Mobile Farm Aid Units*

(Outlay Rs. 15 lakhs)

The programme contemplates introduction of mobile farm aid units in every Community Development Block in a phased manner in order to provide efficient and prompt veterinary services to farmers located far away from the veterinary institutions. These itinerant units will visit every panchayat in the block area, carry out veterinary treatment, preventive inoculation etc., and support extension activities. The outlay is for establishing the units.

A provision of Rs. 2.50 lakhs is earmarked for establishing mobile farm aid units during 1982-83 in tribal as well as scheduled caste pockets and for the continuance of the farm aid units established in tribal areas during the past years.

9. *Organising Infertility Camps*

(Outlay Rs. 1 lakh)

It has been found that infertility among cross bred cattle is one of the major problems in cattle development. Sixty per cent of these cases could be corrected by proper treatment and management. Therefore, infertility camps are being organised in rural areas to detect and treat such cases. The proposal for 1982-83 is to organise 1000 camps and the provision is for purchase of medicines and for meeting the incidental expenses.

10. *Rabies Control*

(Outlay Rs. 4 lakhs)

The proposal is to control and eradicate rabies through a multifaced action programme. During

1982-83 about 3.20 lakh dogs are proposed to be vaccinated and 30,000 stray dogs are proposed to be destroyed. The outlay is for purchase of equipment, vaccine and for assisting the local bodies for destruction of stray dogs, establishing carcas utilisation units and for purchase of vehicles.

11. *Mastitis Control*

(Outlay Rs. 1 lakh)

The outlay is for distribution of mastitis detection kits to ICDP sub-centres and farmer's organisations for detection of mastitis disease and purchase of chemicals and equipment for the Mastitis Diagnostic Laboratories.

12. *Disease Free Zone*

(Outlay Rs. 4 lakhs)

As a prelude to establishing a disease free zone, the rinderpest check posts in the State border will be strengthened to check the movement of animals, which are potential carriers of animal diseases. Under the scheme, a Marine Products Inspection-cum-Certification Laboratory will also be established at Cochin to ensure that only good quality livestock and marine products are exported from the country. The outlay is for construction of building, purchase of equipment and vaccine for implementing the scheme.

13. *Rinderpest Eradication—State's Share*

(Outlay Rs. 1 lakh)

The National Commission on Agriculture has recommended that the sources of each and every outbreak of rinderpest should be scrupulously traced and definite remedial measures taken to ensure that the lapses responsible for the outbreak do not occur. For achieving this objective, the endemic pockets of this disease will be located by carrying out systematic searches. The diseased animals will be destroyed after paying compensation to the owners and all the other animals in and around the pockets will be subjected to containment vaccination. The provision is to meet the State's share of the expenditure on the scheme.

14. *Cattle Insurance*

(Outlay Rs. 10 lakhs)

The scheme is intended to encourage the farmers to rear improved cross bred cows and buffaloes and invest more on livestock production. Poultry and duck insurance will also be taken up under the scheme. Fifty per cent of the first year's premia to insure the cattle/poultry will be given as subsidy under the scheme.

An amount of Rs. 2 lakhs, out of the total provision is earmarked as Special Component Plan/Tribal Sub Plan of the programme. The provision is for assisting the farmers belonging to SC/STs. in getting their cattle/poultry insured. The first year's premia required will be fully subsidised and 50 per cent of the annual premium will be subsidised during the subsequent years.

15. *Expansion of Central Veterinary Stores*

(Outlay Rs. 4.50 lakhs)

The outlay is for strengthening the Central Veterinary Organisation at the Directorate and the Regional Veterinary Stores so as to streamline the purchase and distribution of medicines, equipment and other accessories.

III Investigation and Statistics

1. Planning and Monitoring Cell (Outlay Rs. 0.75 lakhs)

The scheme is to re-organise the Planning and Monitoring Cell at the Directorate. The Cell will formulate economically viable schemes for the planned development of the animal husbandry sector for obtaining assistance from World Bank and other financial institutions. Besides starting a data bank, the Cell will monitor the schemes under implementation and evaluate the schemes already implemented.

2. Animal Husbandry Statistics and Sample Surveys (Outlay Rs. 5 lakhs)

The object of the scheme is to continue the sample survey on "estimation of economic loss on account of mortality, loss in milk production and reduction in working capacity due to various animal diseases". The integrated sample survey for estimation of the production of milk, eggs and other livestock products will also be continued under the programme. A portion of the outlay will be set apart for taking up new surveys and studies recommended by the Central Statistical Organisation and similar agencies.

3. Livestock Census (Outlay Rs. 15 lakhs)

The outlay under this programme is for conducting the 13th quinquennial Livestock Census during 1982-83.

IV Cattle Development

1. Establishment of Jersey Breeding-cum Cross Bred Farm (Outlay Rs. 30 lakhs)

The proposal is to complete the construction work relating to the Jersey Breeding-cum-Cross Bred Farm at Vithura and its extension unit at Palode as well as to equip and strengthen the farm to take up the breeding programme. One hundred purebred Jersey animals and 300 cross bred cows will be maintained for production of cross bred bulls. The provision is for purchase of animals, meeting the feeding charges, cultivation expenses etc.

2. Establishment of Intensive Cattle Development Projects (Outlay Rs. 18 lakhs)

The proposal is to continue the two Intensive Cattle Development Projects and establish a Regional Artificial Insemination Centre to the ICDP at Palghat. The outlay is for purchase of equipment, semen, vehicles and also for giving subsidy for purchase of animals and construction of cattle sheds to weaker sections of farmers.

Of the total outlay an amount of Rs. 2 lakhs is set apart for the Special Component Plan and Tribal Sub Plan under the scheme.

3. Distribution of Cross Bred Heifers and Assistance to Economically Weaker Sections to take up Cattle Rearing (Outlay Rs. 15 lakhs)

The Scheme is for distribution of cross bred heifers at 50 per cent subsidy to the economically weaker sections of small farmers, marginal farmers and agricultural labourers and for providing subsidy for construction of cattle sheds.

Under the Special Component Plan of the scheme an amount of Rs. 10.50 lakhs is set apart for distribution of cross bred heifers to scheduled castes at 75 per cent subsidy and for granting subsidy for construction of cattle sheds.

4. Calf Feed Subsidy (Outlay Rs. 39 lakhs)

In Kerala more than 50 per cent of the cattle population is cross bred and most of them are owned by the weaker sections of farmers. As the farmers find it financially difficult to rear cross bred calves properly, those calves do not grow well and consequently deteriorate into less productive animals inspite of their improved genetic potential. Therefore, it is proposed to assist the weaker sections of farmers to feed and look after their cross-bred female calves properly up to the productive stage by providing necessary package of services and inputs and financial support by way of loans and subsidy. Small and marginal farmers will be given 50 per cent subsidy and agricultural labourers 66 2/3 per cent subsidy for the feed required to raise the calf from 4th month to 28th month or till they calve, whichever is earlier. Necessary health and insurance cover will also be provided to these animals. The outlay is for continuing the programme and extending the programme to other areas. An amount of Rs. 3 lakhs is earmarked from the total outlay of the scheme for the Special Component Plan.

5. Expansion of Livestock Farms (Outlay Rs. 4 lakhs)

The provision is for taking up land development, construction of buildings and purchase of animals and equipment for the Livestock Farm at Kodappanakunnu and the Buffalo Farm at Kuriottumala.

6. Progeny Testing Programme (Outlay Rs. 0.50 lakh)

This new scheme is intended for taking up the programme of progeny testing of cross bred bulls under field condition in intensive areas for identifying high quality breeding stock.

V Poultry Development

1. Poultry Farms and Central Hatchery (Outlay Rs. 10 lakhs)

The provision is for the expansion of the existing Poultry Farms and Central Hatchery by purchasing fresh breeding stock and by providing additional facilities to accommodate more birds. The programme comprises analysis of constraints to identify the gap between potential and actual yield of egg, undertaking turkey breeding in the Poultry Farm at Quilon, expansion of the Feed Analytical Laboratory, cross breeding activities of poultry to evolve a suitable strain of chicks etc.

2. Poultry Training Institute

(Outlay Rs. 2.50 lakhs)

The Poultry Training Institute at Chengannur imparts in-service and refresher training in modern poultry rearing practices to extension personnel, para veterinary staff and farmers. The provision is for continuing the Institute.

3. Chick Sexing School

(Outlay Rs. 1 lakh)

The provision is for strengthening the Chick Sexing School attached to the Central Hatchery at Chengannur, so as to train 40 chick sexers in an year in two batches for a period of 5 months each.

4. Distribution of Poultry to Economically Weaker Sections

(Outlay Rs. 5 lakhs)

The provision is for distribution of 5 pullets each of 6 to 8 weeks at 75 per cent subsidy to 50,000 farmers belonging to weaker sections.

A provision of Rs. 2.50 lakhs is set apart from the outlay of the scheme for distributing 5 pullets (6 to 8 weeks old) each to 25,000 scheduled caste farmers free of cost to encourage them to take up backyard poultry keeping.

5. Duck Farm

(Outlay Rs. 3 lakhs)

The scheme envisages development of a commercial type of duck suitable for the agro-climatic conditions of Kerala by breeding desi ducks with exotic breeds. The practice of cross breeding will be undertaken at the Duck Farm, Niranam, and the multiplication and distribution of the commercial ducklings will be done at the duck campus at Thiruvalla. The provision is for the construction of duck houses and other essential buildings, purchase of equipment, breeding stock etc.

6. Broiler Production

(Outlay Rs. 8 lakhs)

The broiler production units will be strengthened suitably to produce sufficient number of broiler chicks so as to popularise broiler production in the State. The outlay provided is for purchase of parent stock and for providing infrastructure facilities like buildings and equipment to implement the scheme.

7. Poultry Clubs in Schools

(Outlay Rs. 4 lakhs)

The scheme envisages organisation of poultry clubs in schools so as to popularise poultry farming among school children. Under the scheme each student will be given five pullets free of cost for rearing, subject to the condition that the cost of feed will have to be met by the students. The outlay proposed is for organising 35 poultry clubs during 1982-83.

8. Poultry Development through Farmer's Organisations

(Outlay Rs. 5 lakhs)

With a view to encourage poultry rearing, primary cooperatives of poultry farmers will be organised and they will be given share capital contribution and managerial assistance. These primary societies will be brought

under district cooperatives, which in turn will be apexed under a State Co-operative. The assistance from National Cooperative Development Corporation to these co-operatives will be channelised through the State Co-operative. These societies will be encouraged to take up the full spectrum of activities under poultry development including breeding, hatching, growing stock, and marketing of egg and poultry products. The mobile egg booths at Trivandrum, Ernakulam and Calicut will also be continued under the scheme.

VI Pig Development

1. Pig Breeding Farm

(Outlay Rs. 6 lakhs)

A pig breeding farm is proposed to be established at Kanjirappally for the production of high quality piglings for distribution to farmers. The outlay is for civil construction, purchase of livestock, feeding charges, vehicle and appointment of staff.

2. Intensive Pig Development Programme

(Outlay Rs. 3 lakhs)

The object of the programme is to make available pig meat at reasonable price to consumers. The main components of the scheme are, distribution of high quality pigs to selected farmers at subsidised rates for breeding purpose, financial assistance in the form of grant for the construction of pig styes, giving subsidy for the maintenance of boar, supply of feed at subsidised rates, free distribution of deworming medicines etc.

3. Assistance to Meat Products of India for Pig Development

(Outlay Rs. 1 lakh)

The provision is for giving financial assistance to the Meat Products of India to take up special programme of pig development.

VII Goat Development

1. Expansion of Goat Farms

(Outlay Rs. 4 lakhs)

The provision is to expand the goat farm at Komeri to take up selective breeding and cross breeding of goats with the aim of evolving a dual purpose breed suitable for milk and meat. The outlay is for purchase of goats for the farm, feeding charges and construction of buildings.

Under Tribal Sub Plan of the scheme an amount of Rs. 1.50 lakhs is provided for establishing a goat farm at Attappady to assist the tribal people in taking up goat rearing.

2. Goat Villages

(Outlay Rs. 4 lakhs)

The scheme is intended exclusively for the benefit of scheduled castes and scheduled tribes. Under the scheme it is proposed to establish goat villages in selected compact areas where there is concentration of scheduled castes and scheduled tribes. The beneficiaries will be supplied with kits and improved varieties of bucks for breeding. During 1982-83, 28,000 scheduled caste/scheduled tribe farm families will be assisted under the programme.

VIII *Fodder Development*1. *Fodder Development*

(Outlay Rs. 1 lakh)

To step up fodder production, fodder nurseries will be set up at the livestock and poultry farms and other departmental institutions where sufficient land is available. Local bodies will also be persuaded to plant fodder trees in poramboke lands. Planting of fodder trees will also be taken up as a part of social forestry programme in the departmental land available in cattle, drystock and poultry farms.

IX *Other Livestock Development*1. *Modernisation of Slaughter Houses and Establishment of Meat Board*

(Outlay Rs. 4 lakhs)

The slaughter houses in the State require considerable improvement to produce wholesome meat under hygienic conditions. The proposal is to assist the City Corporations and Municipalities to construct modern slaughter houses. Of the total cost two-thirds will be met by the Government provided the balance is borne by the Corporation/Municipality. Establishing a Meat Board with the assistance of the Government of India is also a component of the scheme.

2. *Tribal Area Sub Plan*

(Outlay Rs. 6 lakhs)

This scheme is exclusively for the benefit of the Tribals, formulated with the objective of accelerating the pace of tribal development. It is proposed to distribute cross bred cows, goats and poultry to 1,560 tribal people during 1982-83. The outlay is for purchase of cattle and poultry and for giving financial assistance for construction of cattle sheds.

3. *Karshika Vignan*

(Outlay Rs. 1 lakh)

The scheme is aimed at giving information and knowledge to farmers about modern practices of cattle and poultry rearing through seminars, cattle shows, audio visual films, pamphlets, booklets etc. In collaboration with the Farm Information Bureau and with the active participation of farmers, it is proposed to conduct cattle shows, calf rallies, milk yield competitions and seminars. The outlay is for the above activities and for making an audio-visual film.

4. *Special Livestock Production Programme—State's Share*

(Outlay Rs. 40 lakhs)

This programme is being implemented as a Centrally Sponsored Scheme in Trivandrum, Trichur and Cannanore districts for providing feed subsidy for cross-bred calves as well as assistance for poultry and pig production. The proposal for 1982-83 is to assist 5000 farm families under the scheme by providing calf feed at subsidised rates for cattle/poultry rearing.

Under the Special Component Plan of the scheme an amount of Rs. 4.lakhs is earmarked for assisting the scheduled caste families in Trivandrum, Trichur and Cannanore districts in cattle and poultry rearing.

5. *Establishment of Cattle shandies*

(Outlay Rs. 0.50 lakh)

This new scheme is meant for giving financial assistance to local bodies for establishing cattle shandies organised in accordance with recognised norms.

1.8 Dairy Development

The cattle development policy in the State lays emphasis on upgrading the cattle stock and gradually reducing the number of non-descript cows. The milk processing and marketing system also need to be improved substantially. The Operation Flood II programme is to be implemented in seven districts of the State. The development strategy under this programme is based on urban demand for milk in the State. The various dairy development programmes drawn up for the 1982-83 Annual Plan are outlined below:

Direction and Administration

Dairy Development Staff

(Outlay Rs. 5 lakhs)

The activities of the Dairy Development Department in the fields of fodder development, cross-breeding, dairy extension services and development of dairy co-operatives have to be intensified on a wider scale to achieve the objects of augmenting milk production in the State and enlarging the employment opportunities in the rural areas. The provision is to strengthen and reorganise the administrative machinery at the headquarters and at the district and lower levels to take up the responsibility of the increased volume of work undertaken by the Department. Provision is also made for the setting up of a Planning and Monitoring Cell at the Directorate for the preparation and monitoring of development schemes.

Dairy Development

1. *Rural Dairy Extension and Advisory Service and Scheme for Improving Milk Production Potential of Cows and Augmenting Milk Production*

(Outlay Rs. 16 lakhs)

This is an ongoing scheme implemented by the Dairy Development Department. The object of the scheme is to spread scientific knowledge among rural milk producers on cross-breeding, balanced feeding and management of cattle, economic and hygienic milk production, fodder production and other related matters. The provision is for the continuance of the ongoing schemes and for improving milk production potential of cows through cross breeding by artificial insemination.

An amount of Rs. 2 lakhs out of the total outlay of Rs. 16 lakhs is earmarked for giving subsidy to scheduled castes and scheduled tribes for the purchase of cross-bred heiferes/milch cows and construction of cattle sheds. An amount of Rs. 1.5 lakhs will be provided in the Special Component Plan while an amount of Rs. 0.5 lakh will be provided under the Tribal Sub Plan.

2. *Operation Flood II and Project for Milk Production and Marketing with Assistance from Indian Dairy Corporation*

(Outlay Rs. 30 lakhs)

The Kerala Co-operative Milk Marketing Federation Limited is the agency vested with the authority to implement the Operation Flood II programme in the State. According to this programme, the State has to provide land, water and power etc., towards development of infrastructure for milk marketing and production of inputs like cattle feed. The outlay proposed is to meet the state's share of expenditure under the programme.

3. *Production and Supply of inputs for Cattle Breeding Programme of the KLD & MM Board*

(Outlay Rs. 60 lakhs)

The KLD & MM Board is the main agency responsible for the production of frozen semen and liquid nitrogen for cattle breeding programmes in the State. Six LN2 plants are producing liquid nitrogen and the seventh one is being erected at Cannanore. Frozen buffalo semen is also being supplied by the Board as a new venture. It is proposed to produce one lakh doses of frozen semen over every year by 1982-83. The insemination programme is carried out in collaboration with the Departments of Animal Husbandry and Dairy Development which operate the cross breeding centres. The outlay is for implementing the programme.

4. *State Government Contribution towards Swiss Assisted Dairy Projects in Northern Districts*

(Outlay Rs. 1 lakh)

A Dairy Development Project for the northern districts of Cannanore, Calicut, Wynad, Malappuram and Palghat formulated on the pattern of Operation Flood II Programme utilising Swiss financial assistance is expected to be cleared by the Government of India for implementation very shortly. A token provision is proposed under the scheme to meet the State's share of expenditure for providing land and to arrange for water and power for the various schemes to be implemented under the project.

5. *Production of Buffalo Frozen Semen*

(Outlay Rs. 1 lakh)

The State is not having adequate breeding facilities for the buffalo population. Frozen semen of Murrah buffaloes for artificial insemination will be provided under this scheme. The outlay provided is for meeting the expenditure in connection with the implementation of the scheme during 1982-83.

6. *Herd Book Organisation*

(Outlay Rs. 2 lakhs)

A Herd Book Organisation will have to be formed to monitor the cattle breeding activities in the State. It will have facilities to maintain records of animals with the help of computerised service. This organisation will provide information on various breeds and help future breeding programmes.

7. *Quality Control Programme*

(Outlay Rs. 5 lakhs)

This scheme is designed to give guidance to milk co-operatives in quality control work so as to enforce quality pricing of milk. Subsidy will be given to dairy co-operatives for the purchase of chemicals and equipment for milk testing. An additional Mobile Quality Control Unit will be established in Calicut district during 1982-83. The scheme for setting up Mobile Quality Control Units in the two districts of Alleppey and Trivandrum will be continued.

*Fluid Milk Plants**Milk Supply Schemes—Calicut, Cannanore and Kottayam*

(Outlay Rs. 2 lakhs)

(a) *Calicut Milk Supply Scheme*

Additional equipments like milk storage tank, ammonia compressor, can washer etc., have been provided to the Calicut Co-operative Milk Supply Union to enable them handle the increased through put of milk in the Calicut Dairy Plant which is around 10,000 litres per day at present. Provision is made for clearing outstanding liabilities in this regard.

(b) *Cannanore Milk Supply Scheme*

A generating set has been purchased for installation in the Cannanore Dairy to overcome the fluctuation in the power supply. The provision is intended for meeting the spillover expenditure on installation of the generating set.

(c) *Kottayam Milk Supply Scheme*

The Kottayam Dairy Plant is managed by the Kottayam District Milk Supplies Union Limited under the control of the Department of Dairy Development. It has an installed capacity to handle 6000 litres of milk per day. It is proposed to provide stand by compressors and auxiliary machinery for the efficient operation of the dairy plant. Milk cows at subsidised price will be given to the co-operative milk supply unions to strengthen the milk marketing operations.

The outlay provided is for meeting the developmental activities at Calicut, Cannanore and Kottayam.

*Education and Training*1. *Training of Personnel*

(Outlay Rs. 1 lakh)

Under this scheme, it is proposed to impart training to departmental personnel and the personnel of dairy co-operatives to improve their efficiency and develop their professional skill.

2. *Dairy Training Centre*

(Outlay Rs. 4 lakhs)

The scheme envisages the establishment of a training centre to impart essential training to dairy farmers in improved dairy practices with a view to improving the level of productivity of dairy farming and to make it a lucrative rural enterprise. Short-term training programmes will be organised for rural dairy farmers, educated youth and dairy co-operative personnel. A full-fledged dairy laboratory will also form part of the training centre. The proposed outlay is for the above purpose.

3. *Training to Scheduled Castes in Dairying*

(Outlay Rs. 0.25 lakh)

It is proposed to depute persons belonging to scheduled castes for undergoing dairy courses at recognised dairy institutions like National Dairy Research Institute, in order to make up for the paucity of qualified candidates to fill up positions in the State Service. Three persons will be deputed for such training during 1982-83.

*Feeds and Fodder Development*1. *Improvement to Sewage Farm, Valiathura*

(Outlay Rs. 3 lakhs)

The provision is for developing the sewage farm at Valiathura by extending the cultivation of fodder crops in the remaining area, construction of sub carriers, fencing, installation of additional pump sets and purchase of vehicles.

2. *Inter Cropping of Fodder in Coconut Gardens, Cultivation of Catch Crops in Rice Fallows, Cultivation of Grass Legume Mixture and Quick Maturing Fodder Crops in Crop Rotation*

(Outlay Rs. 12 lakhs)

The ongoing schemes for encouraging cultivation of high yielding varieties of nutritious fodder grasses in coconut gardens will be continued. It is proposed to encourage the farmers to cultivate quick maturing fodder crops in rotation with tapioca by providing subsidy towards the cost of seeds. The subsidy will be provided through co-operatives and other farmer's organisations.

3. *Fodder Seed Farm and Certified Seed Production*

(Outlay Rs. 5.80 lakhs)

The object of this scheme is to produce and distribute seeds of high yielding grasses and legumes. Sufficient quantity of seeds will be made available through certified seed production programme.

(i) About 140 tons of seeds will be produced and sold to the farmers for cultivation of fodder by the end of the Sixth Five Year Plan. The amount required during the plan fund for this scheme is Rs. 5 lakhs.

(ii) An amount of Rs. 0.80 lakh is set apart for giving financial assistance to the scheduled caste farmers in the form of free seed and fertilizer.

4. *Scheme for Conservation of Fodder as Silage, Hay Making in Forest Grass Lands and Fortification of Paddy Straw Using Starch, Urea and Molasses*

(Outlay Rs. 2.15 lakhs)

This is an ongoing scheme. The object of this scheme is to encourage conservation of fodder as silage, hay etc. It is proposed to give subsidy for construction of silopits for silage making and subsidy towards handling charges. Subsidy for the purchase of chaff cutters will also be provided under the scheme. Hand baling units will be given free of cost to the beneficiaries.

5. *Fodder Banks*

(Outlay Rs. 2 lakhs)

Under this ongoing scheme subsidy will be provided for the construction of stores/godowns for storing paddy straw, hay etc. to dairy co-operative societies. The plan provision is for this purpose.

6. *Organisational and Administrative Set up for Fodder Development (Seed Production, Promotion and Extension) in KLD & MM Board and Dairy Development Department*

(Outlay Rs. 6 lakhs)

Fodder development and fodder extension activities cannot be achieved without strengthening the organisational set up for fodder extension activities under the Dairy Development Department. The outlay proposed is to meet the expenditure on additional dairy extension units proposed to be set up for fodder development. About 12 additional dairy extension units will be set up during 1982-83 for fodder extension activities.

Others

Tribal Area Sub Plan

1. (i) *Scheme for Free Distribution of Milch Cows*

(Outlay Rs. 2.20 lakhs)

This scheme aims at giving subsidy at the rate of 75 per cent of the cost of milch cows costing not more than Rs. 3000 each distributed among tribal beneficiaries. Subsidy will also be provided for making cattle sheds. Expenditure on insurance, transportation, vaccination etc. will also be met from the scheme.

(ii) *Training to Tribals in Dairy Production*

(Outlay Rs. 0.60 lakh)

This is an ongoing scheme by which training in modern dairy farming and milk production practices is imparted to tribal families. It is proposed to train 50 tribal couples during 1982-83 on modern milk production practices.

2 (i) *Assistance to Dairy Co-operatives*

(Outlay Rs. 10 lakhs)

The primary milk co-operatives are financially weak and hence require assistance for their development. Subsidy will be given for the purchase of milk cows, milk testing equipment, furniture and chemicals for milk testing and for appointment of qualified staff. The scheme of assistance to dairy Co-operatives will be continued during 1982-83.

(ii) Of the outlay an amount of Rs. 2 lakhs is set apart for organising new societies in the localities where there is scheduled caste/scheduled tribe con-

centration. It is also proposed to give subsidy to the societies for allowing interest rebate to their members to encourage prompt repayment of loans.

3. *Investment and Loans to KLD & MM Board*

(Outlay Rs. 36 lakhs)

The provision will be utilised to finance the commercial units as well as for capital investment under the KLD & MM Board.

4 (i) *Intercropping of Fodder in Coconut Gardens etc.—Special Component Plan.*

(Outlay Rs. 2 lakhs)

Under the scheme farmers belonging to scheduled castes will be encouraged to set up fodder plots as well as pastures in coconut gardens or other suitable lands possessed by them. It is proposed to give planting materials free of cost to the beneficiaries for fodder plots upto a maximum extent of 50 cents per beneficiary.

(ii) *Assistance to Scheduled Castes for Taking Shares in Dairy Co-operatives—Special Component Plan.*

(Outlay Rs. 1.50 lakhs)

The object of the scheme is to encourage more and more scheduled caste members to join dairy co-operatives so as to enable them reap the benefits flowing out of development programme. The provision proposed is for giving subsidy at the rate of Rs. 9 per share taken by a scheduled caste beneficiary. Each beneficiary will be eligible for subsidy for taking not more than two shares.

(iii) *Scheme for Free Distribution of Cross Bred Cows and Construction of Cattle Sheds—Special Component Plan and Tribal Sub Plan.*

(Outlay Rs. 5.50 lakhs)

The object of the scheme is to encourage scheduled castes to adopt dairy farming as an important subsidiary occupation to augment their income. It is proposed to provide subsidy for the purchase of milch cows. Subsidy for the construction of model cattle sheds will also form part of this scheme. The subsidy for the construction of cattle sheds will be given to beneficiaries to whom cows are distributed.

Of the total outlay, an amount of Rs. 4 lakhs is set apart for inclusion in the Special Component Plan and an amount of Rs. 1.50 lakhs is earmarked for implementing the scheme in tribal areas, as a part of the Tribal Sub Plan.

1.9 Fisheries

Development of fishing harbours, tapping the untapped potential in the off-shore and deep sea fisheries, development of inland fisheries, promotion of aquaculture and mariculture and increasing the supply of fish for domestic consumption constitute some of the major programmes of development under fisheries. It is also proposed to launch a number of welfare and relief measures for the fisherfolk in the State. The various programmes suggested for the Annual Plan 1982-83 are outlined below:—

Direction and Administration

Strengthening of Administration including Planning and Statistical Cell

(Outlay Rs. 3 lakhs)

The Directorate of Fisheries requires overall reorganisation so as to enable it to take up the developmental activities envisaged under the Sixth Five Year Plan. The provision is for the reorganisation of the Department as well as for conducting surveys of fishermen in selected fishing villages.

Extension

Extension

(Outlay Rs. 2.50 lakhs)

The extension machinery in the Directorate of Fisheries is to be strengthened to take up the intensive extension work like organisation of demonstration farms, conduct of film shows, camps and seminars, participation in exhibitions etc. The provision is for meeting the expenses in connection with the programmes mentioned above.

Fish Farms

1. *Fish Seed Farms*

(Outlay Rs. 10 lakhs)

The provision is for completing the construction of the fish seed farms at Polachira, Parappanangadi, Alwaye and Pallom. Part of the outlay is meant for establishing two more fish seed farms, one each in Idukki and Kozhikode Districts, during the year.

2. *Composite Fish Culture*

(Outlay Rs. 3 lakhs)

The programme is to take up composite fish culture in one hundred hectares during the year, besides continuing fish culture projects undertaken during the previous years.

3. *Brackish Water Fish/Prawn Culture (including Survey of Inland and Brackish Water Resources)*

(Outlay Rs. 10 lakhs)

The programme is for the renovation and development of fish farms at Ayiramthengu and Kadappuram, construction of a fish farm at Poyya, completion of the prawn hatchery at Azhikode and construction of one

hatchery each in Alleppey and Kozhikode Districts. Part of the outlay is intended for continuing the survey of inland and brackish water resources and taking up prawn culture in the brackish water areas.

4. *Fish Farmer's Development Agencies*

(Outlay Rs. 3 lakhs)

The outlay is for meeting the State's share of the expenditure on Fish Farmer's Development Agencies at Palghat, Trichur and Quilon.

Hatcheries

Fish Seed Production

(Outlay Rs. 3 lakhs)

The scheme envisages establishment of a fish seed hatchery at Aruvikara, construction of new nurseries at reservoir heads and repair of the existing nursery ponds, for meeting the fresh water fish seed requirements.

Education and Training

Strengthening of Fishermen Training Centres and Establishment of Regional Fisheries Technical High Schools

(Outlay Rs. 25 lakhs)

The Plan provision is for completing the construction works of the Regional Fisheries Technical High Schools at Chowghat, Bepore and Tanur and for initiating the construction of the Regional Fisheries Technical High Schools in Alleppey, Quilon and Cannanore Districts. The existing fishermen training centres will also be developed with training equipment and accessories including boats. The scheme also envisages introduction of a course on fisheries at Pre-degree level, in consultation with the universities concerned. The outlay includes provision for giving stipend to the trainees in the training centres and boarding charges to the pupils in the Regional Fisheries Technical High Schools.

Inland Fisheries

1. *Development of Reservoir Fisheries*

(Outlay Rs. 4 lakhs)

The programme envisages the development of reservoir fisheries by continued intensive stocking and construction of nurseries at reservoir heads.

Of the total outlay on the scheme, an amount of Rs. one lakh is earmarked for the development of Pookote Lake as part of the Tribal Sub Plan.

2. *Patrolling in Backwaters and Development of Small water Areas*

(Outlay Rs. 0.50 lakh)

The provision is for construction of an inland fish landing centre at Cheriya Kadavu and introducing one patrol boat to check up illicit fishing in backwaters.

3. *Mariculture of Mussels and Pearls*

(Outlay Rs. 0.01 lakh)

The outlay is for continuing the existing projects on pearl and mussel culture at Vizhinjam.

4. *Assistance to Kerala Inland Fisheries Development Corporation*

(Outlay Rs. 8 lakhs)

The Plan outlay is to meet the equity participation by Government in the Inland Fisheries Development Corporation.

5. *Integrated Fish/Duck Farming with Hungarian Collaboration*

(Outlay Rs. 32 lakhs)

The new project envisages organisation of an aquaculture development centre by the side of the Trichur-Kunnamkulam road in an area of 70 hectares of land. The project will be implemented with Hungarian collaboration. The programme aims at large scale production of fish seed and ducklings for demonstrating the technology of integrated farming of fish and ducks as a means to enhance the earnings from ponds and extending the practice to other suitable areas in Kerala through private fish farmers, extension workers, departmental personnel and others.

Fishing Harbours and Landing Facilities

1. *Engineering Wing*

(Outlay Rs. 0.25 lakh)

The provision is for continuing the Engineering Wing of the Department.

2. *Development of Vizhinjam Fishing Harbour*

(Outlay Rs. 50 lakhs)

The provision is for continuing the construction of the second stage of Vizhinjam Fishing Harbour. The outlay is to meet the state's share of the Centrally Sponsored Scheme.

3. *Development of Neendakara Fishing Harbour*

(Outlay Rs. 50 lakhs)

The estimated cost of this Centrally Sponsored Scheme is Rs. 370 lakhs. The outlay proposed is for meeting the State share's of the expenditure during 1982-83.

4. *Fisheries Terminal Organisations*

(Outlay Rs. 1.14 lakhs)

The fisheries terminal organisations at fishing harbours are meant for planning, supervising and running the fishing harbours efficiently and hygienically besides collecting statistics on operation of boats, landing, marketing etc. The outlay is for establishing the fisheries terminal organisations in fishing harbours.

5. *Development of Fish Landing Centres*

(Outlay Rs. 8 lakhs)

This scheme is also a Centrally Sponsored Scheme with 50 per cent State's share. The programme is for completing the fish landing centres at Kasargode,

Nileswar and Munakadavu and taking up the construction of the fish landing centres at Cheruvathur, Chettuvai and Palacode. The spillover work of Baliappattom will be completed and the capital repairs of Baliappattom, Beypore and Ponnani fishing harbours will be done during the year.

Off Shore Fisheries

Off Shore Fishing

(Outlay Rs. 7 lakhs)

The scheme envisages organisation of dory fishing at Vizhinjam, Ponnani and Beypore. Construction of two boats of 43½ ft. size to function as mother boats for undertaking dory fishing at Beypore and Ponnani is contemplated under the scheme during 1982-83.

Deep Sea Fisheries

Deep Sea Fishing and Tuna Fishing

(Outlay Rs. 40 lakhs)

The Programme contemplates the introduction of deep sea fishing vessels on joint venture basis for exploiting the fishery resources of our exclusive economic zone. The outlay is meant for completing the construction of three hydro-jet speed boats for patrolling in territorial waters for regulating marine fishing as envisaged in the Marine Fishing Regulation Act, 1980 and implementing other provisions of the Act.

Processing, Preservation and Marketing

1. *Storage, Processing and Marketing including Cold Chain and Establishment of Large Fish Markets*

(Outlay Rs. 8 lakhs)

The proposal is to complete the spillover works of ice-cum-freezing plant at Baliappattom, establish fish stalls in important consuming centres through the Kerala Fisheries Corporation and establish large fish markets in the Corporation areas of Trivandrum, Cochin and Calicut through the City Corporations.

2. *Village Infrastructure Facilities including Link Roads and Guide Lights*

(Outlay Rs. 50 lakhs)

The programme is for completion of the two spill over projects started as infrastructure schemes at Ambalapuzha and Cheruvathur and also for providing necessary infrastructure facilities in selected coastal fishing villages besides providing roads, drinking water, environmental sanitation etc. The outlay includes provision for establishing guide lights at Azhikode, Blangad, Nattika, Kadappuram, Tanur, Parappanangadi, Cheruvathur, Uppala, Manjeswar and Perumathura.

3. *Organisation of Regulated Markets*

(Outlay Rs. 0.10 lakh)

The scheme is to organise in a phased manner regulated marketing of fish through the Fishermen Welfare Societies. Initially, the welfare societies will conduct auctioning of fish catches under the system of regulated markets and the outlay is provided for implementing the scheme.

Mechanisation and Improvement of Fishing Crafts

Small Boat Mechanisation

(Outlay Rs. 35 lakhs)

The Plan outlay is to complete the package schemes at Tanur and Karunagapally and the gill net scheme at Vizhinjam besides meeting the insurance and repair charges of fishing boats. Organisation of lobster fishing and shark fishing with financial assistance from MPEDA and payment of subsidy to private sector for introduction of gill netters by attracting institutional finance etc. are also contemplated under the programme.

Others

1. Assistance to Traditional Fisheries (Supply of Catamarans and Canoes, Engines and Fibreglass Fishing Crafts)

(Outlay Rs. 25 lakhs)

The scheme envisages issue of catamarans, dug-out canoes, plank built canoes and FRP canoes, by availing institutional finance. It is also proposed to issue suitable outboard engines to fishermen to motorise traditional crafts. The scheme will be implemented by the Kerala Fishermen's Welfare Corporation. Of the total outlay, an amount of Rs. 12.50 lakhs is earmarked for issuing fishing crafts and gear to scheduled castes engaged in fishing activities. This Special Component Plan will be implemented by the Department of Fisheries.

2. Repair and Refitting Facilities

(Outlay Rs. 0.50 lakh)

The outlay is for meeting the cost of staff, materials and other charges required in the service station at Baliapattom.

3. Housing including Rehabilitation of Fishermen Families at Vizhinjam and Subsidised Housing Programme

(Outlay Rs. 100 lakhs)

This scheme is for meeting the Government share of the investment required for the subsidised housing programme and rehabilitation of fishermen at Vizhinjam. Part of the outlay is intended for covering the spill over works of the Housing Grant scheme implemented by the Department.

Of the total outlay, an amount of Rs. 2.50 lakhs is exclusively earmarked for the Special Component Plan of the scheme. This provision is for providing housing facilities for scheduled castes engaged in fishing activities. The programme will be undertaken by the Kerala Fishermen's Welfare Corporation under the 10,000 Housing Programme.

4. Dispensaries

(Outlay Rs. 15 lakhs)

This scheme is for completing the construction of the buildings for 22 dispensaries and payment of cost of medicines to the Health Department. The dispensaries proposed to be completed during the year are those at

Paravoor, Nayarambalam, Thiruvallom, Alappad, Chellannam, Punnayar, Madappally, Valiamparamba, Badagara, Veliangode, Koottayi, Puthuvaipu, Arattupuzha, Panur-Pallana, Thaikadappuram, Pallithodu, Mavila, Muzhuppilangadu, Puthukurichi, Andathodu, Koolimuttam and Edavilangu.

5. Assistance to Fishermen Cooperative Societies

(Outlay Rs. 1 lakh)

The provision made in the Plan is for revitalising the existing Regional Fish Marketing Societies.

6. Fishermen Welfare Societies

(Outlay Rs. 35 lakhs)

The programme envisages setting up of fishermen welfare societies one in each fishing village under the Kerala Fishermen Welfare Societies Act, 1980.

7. Fishermen Welfare Fund (Relief Measures, Financial Assistance for Marketing of Fish, Insurance, Debt Relief etc.)

(Outlay Rs. 10 lakhs)

The programme is to provide a package of welfare measures such as distress relief to fishermen, old age benefits and expenses on death and marriage ceremonies and for extending financial assistance to small scale fish distributors for undertaking marketing of fish and providing benefit of social insurance to cover all fishermen who die while fishing. Part of the outlay is also meant for rendering financial assistance to indigent fishermen to settle their past debts.

Of the total provision of Rs. 10 lakhs for the scheme an amount of Rs. 1 lakh is earmarked for the Special Component Plan for the scheduled castes.

8. Assistance to Kerala Fisheries Corporation

(Outlay Rs. 10 lakhs)

The provision is for giving financial assistance to Kerala Fisheries Corporation for organising deep sea fishing and fish marketing activities.

9. Assistance to Kerala Fishermen's Welfare Corporation

(Outlay Rs. 5 lakhs)

The outlay is for giving financial support to the activities of the Kerala Fishermen's Welfare Corporation.

10. Land Acquisition Charges for Rehabilitation of Displaced Families from the Cochin Fishing Harbour Area

(Outlay Rs. 0.001 lakh)

Under the scheme a token provision is made for meeting the land acquisition charges for the rehabilitation of the displaced persons from the land acquired for the Fishing Harbour, Cochin.

1.10. Forests

The area under forests is steadily declining in the State and hence it is necessary to lay emphasis on forest protection as well as production forestry. Promotion of social forestry in order to increase the supply of fuel wood and small timber in rural areas should also constitute a major objective of planning under forests. The various programmes envisaged under forests in the Annual Plan for 1982-83 are listed below:

Research Education and Training

1. Forest Research (Outlay Rs. 12 lakhs)

This Plan programme contemplates the continuance of the research activities by the Silvicultural Research Division of the Department. The research programme includes nursery trials, species trials, introduction of exotic cultural and tending methods, testing of seeds etc. Creation of more seed orchards by adopting the technology developed by the Kerala Forest Research Institute would also become an integral part of the activities of the research division. The outlay proposed is meant for establishing a Teak Museum and Botanical Garden and meeting the expenditure on field trials for the eucalyptus fungus investigation and for lumpsum payment to the Kerala Agricultural University for undertaking research on social forestry, agro forestry, extension forestry etc.

2. Education and Training of Personnel (Outlay Rs. 5 lakhs)

The Plan provision is for meeting the expenditure in connection with the deputation of departmental personnel for training to various schools/colleges/institutions imparting training in forestry. The provision also includes the cost of running the new Forest School.

Inventory Planning and Resources Development

1. Survey, Demarcation and Settlement of Forest Areas (Outlay Rs. 10 lakhs)

To ensure that no further encroachments and reduction in forest areas take place, it is essential that the forest boundaries are permanently defined and demarcated. Erection of permanent cairns on some forest boundaries proved to be an effective deterrent against further encroachment. Therefore it is necessary to carry out the programmes on the remaining forest boundaries. The provision is for cairns erection, survey and demarcation of forest boundaries, preparation of forest maps and contribution to the Survey of India.

2. Forest Resources Survey (Outlay Rs. 2 lakhs)

The Plan provision is for the survey of the extent of resource available in the forest according to utilisation categories and size classes.

3. Working Plans (Outlay Rs. 0.50 lakh)

The provision is made for supplying more sophisticated and modern equipment to the Working Plan Division so as to improve the efficiency and quality of work turned out by the divisions.

4. Cultural Operations (Outlay Rs. 15 lakhs)

The younger plantations raised during the previous years require proper care like weeding, tending and other silvicultural operations. Besides, maintenance of older plantations is also necessary to improve the yield. The outlay is to implement the programme.

Of the total outlay of Rs. 15 lakhs, an amount of Rs. 1.20 lakhs is earmarked for the Tribal Sub Plan under the scheme.

Organisation and Institutions

1. Intensification of Management (Outlay Rs. 4 lakhs)

The developmental efforts undertaken during the past have tended to increase the volume of work both in office and in the field. So the provision is for expansion and re-organisation of the Department by appointing additional staff and providing certain modern equipment in the offices which would help to increase the efficiency of office staff.

2. Kerala Forest Development Corporation (Outlay Rs. 1 lakh)

The amount provided is to be released to the Kerala Forest Development Corporation as share capital contribution by Government.

3. Transfer of Technology through Bilateral Agreement—Starting of Pilot Plantations in the State under Indo-Australian Aid Programme (Outlay Rs. 1 lakh)

This is a new scheme. The project envisages establishment of pilot plantations of eucalyptus and tropical conifers under the Indo-Australian Aid Programme. External assistance will be available for the scheme by way of Pre-Project preparation consultancy, seed testing and storing facility, fire protection, pulping tests etc. In addition assistance will also be available for pilot nurseries and training of personnel. As the final decision on the project is yet to be taken by Government of India and the Australian Government only a token provision is made for the scheme for 1982-83.

Infrastructure Development

1. Communications (Outlay Rs. 25 lakhs)

As the forestry operations are being extended to the remote and interior areas, it has become necessary to provide better communication facilities like roads in the forests. The proposal is for the improvement of existing roads, construction of new roads and completion of the spill over items during the year.

An amount of Rs. 13 lakhs is proposed to be provided under the Tribal Sub Plan component of the scheme for 1982-83.

2. *Buildings*
(Outlay Rs. 16 lakhs)

The office accommodation available at various circle offices and divisions are inadequate and most of them are functioning in rented buildings. Lack of residential facilities for the staff working in the field is also a serious problem. Therefore, the programme is to construct office buildings and staff quarters at circle, and divisional headquarters like Calicut, Trichur, Kottayam, Quilon, Sultan Battery, Nilambur and Kothamangalam. The provision made is for taking up the new works besides completing the spillover items.

3. *Engineering Wing*
(Outlay Rs. 10 lakhs)

The provision is for purchase of machinery and equipment and meeting the establishment charges of the Engineering Wing under the Department.

Production Forestry

1. *Plantation of Quick Growing Species*
(Outlay Rs. 18 lakhs)

It is proposed to raise plantations of quick growing species in isolated areas suitable for the same, in addition to the plantation scheme undertaken by the Forest Development Corporation. The target is to raise new plantations to the extent of 590 hectares and undertake replanting activities over an area of 200 ha. during 1982-83. The outlay includes provision for better equipment roads, and residential facilities for the staff working under the scheme.

Of the total outlay, an amount of Rs. 1 lakh each is earmarked for the Special Component and Tribal Sub Plan under the scheme for the year 1982-83.

2. *Plantations of Economic and Industrial Uses*
(Outlay Rs. 44 lakhs)

The target of the scheme for 1982-83 is to raise plantations of teakwood, softwood, rosewood, bamboos and other miscellaneous species to the extent of 1640 ha. In addition to raising of new plantations, the scheme envisages maintenance of nurseries and older plantations, construction of roads in plantations, purchase of equipment etc.

Separate outlays for 1982-83 for the Special Component Plan and the Tribal Sub Plan have been provided under the scheme for the benefit of scheduled castes and scheduled tribes. Of the total outlay of Rs. 44 lakhs, an amount of Rs. 3 lakhs is earmarked for the Special Component Plan for scheduled castes and Rs. 6 lakhs for the Tribal Sub Plan.

3. *Sandalwood Plantations*
(Outlay Rs. 0.50 lakh)

The outlay is for raising new plantations, maintenance of old ones and augmentation of natural regeneration of sandalwood in an area of about 25 ha. during 1982-83.

4. *Wattle Plantations*
(Outlay Rs. 1.50 lakhs)

The proposal is to raise 100 ha. of wattle plantations in grasslands. The outlay is for raising new plantations and maintenance of plantations raised during the earlier years.

5. *Regeneration and Improvement of Evergreen Forests*
(Outlay Rs. 10 lakhs)

The forest policy stipulates that greater attention should be given for the development of evergreen forests. Therefore, the outlay is meant for carrying out tending and manipulation operations and natural regeneration by artificial planting in evergreen forests so as to improve the yield of valuable plywood and other species of industrial use.

6. *Plantation Crops in Forest Areas*

(i) *Cashew*
(Outlay Rs. 4 lakhs)

The outlay proposed is for raising cashew plantation in an area of 190 ha. during 1982-83.

(ii) *Package Programme for Cashew Plantation*
(Outlay Rs. 6 lakhs)

The provision is for taking up intensive manuring and prophylactic measures in the existing cashew plantations.

7. *Supplemental Crops (Vanalakshmy)*
(Outlay Rs. 3 lakhs)

Raising of pepper, cocoa, medicinal plants etc., as an inter-crop in finally thinned teak plantations and softwood plantations is envisaged under the scheme. The outlay is for meeting the cost of planting new species and maintenance of plantations raised in the past years.

Social Forestry

1. *Farm Forestry*
(Outlay Rs. 6 lakhs)

The scheme is intended to encourage "homestead forestry" for which the Department will raise and supply seedlings of timber, matchwood, fuelwood, fodder, fruit and ornamental trees, free of cost to the public during the Vanamahotsva period.

Of the total outlay an amount of Rs. 2 lakhs has been earmarked for the Tribal Sub Plan under this scheme during 1982-83.

2. *Extension Forestry—Raising of mixed plantation in Waste Lands, Panchayat Lands etc.*
(Outlay Rs. 2 lakhs)

The programme is to raise mixed plantations outside Reserve Forests in the waste lands, panchayat lands, revenue porambores etc. The outlay is for raising nurseries of species suitable for firewood, fodder, green manure and small industrial requirements.

3. *Reforestation of Degraded Forests*

(Outlay Rs. 3 lakhs)

The proposal is for taking up reforestation of Reserve Forests which are having poor growing stock with species suitable for the site and the local needs.

4. *Recreation Forestry*

(Outlay Rs. 2 lakhs)

The scheme envisages development of certain sites which are near towns and easily accessible to urban people into recreation spots so as to imbibe in them the love of nature and create an awareness among them about the need to preserve forests and wild life.

5. *Extension Forestry Organisation*

(Outlay Rs. 5 lakhs)

The aim of the scheme is to form a Forestry Extension Organisation in the Department for effective implementation of the social forestry programmes envisaged in the Plan.

6. *Fuelwood Plantations*

(Outlay Rs. 7 lakhs)

The proposal is to raise fuelwood plantations in 190 ha. during 1982-83, in order to meet the requirements of firewood in the urban areas.

The provision also includes the cost of the States, share for the implementation of the new Centrally Sponsored Social Forestry Scheme including raising of rural fuelwood plantation.

Wildlife and Environmental Conservation

1. *Afforestation of Special Sites*

(Outlay Rs. 0.50 lakh)

The scheme envisages creation of tree belts along the reservoir fringes, in denuded areas, arid and semi-arid areas etc., in order to prevent soil wash into the lake and resultant silting of reservoirs. Under the scheme planting will be done over an area of about 20 ha. during 1982-83.

2. *Wild Life Management and Conservation*

(Outlay Rs. 18 lakhs)

The developmental activities envisaged under the scheme include improvement of habitats like creating water and fodder resources, salt licks, prevention of grazing by local cattle etc. Maintenance and improvement of the existing Crocodile Breeding Centre at Neyyar, development of another one at Pillaperuvanna Malavaram, construction of a Snake Park at Malampuzha, development of a national park or Biosphere Reserve at Silent Valley subject to the approval of the Government of India etc., are the main components of the scheme. Besides, the three Centrally Sponsored schemes, viz., Periyar Tiger Reserve, Eravikulam Rajamally Sanctuary and Conservation of Lion Tailed Macque will also be implemented under the scheme.

The outlay proposed is for meeting the expenditure in connection with improving the existing sanctuaries, purchase of boats, vehicles, construction of quarters, roads, purchase of equipments like capture guns, telemetary equipments, binoculars, cameras etc., for implementing the scheme. Of the total outlay an amount of Rs. 9 lakhs is set apart as the State share of the expenditure on the three Centrally sponsored projects under the scheme.

3. *Protection of Forests*

(i) *Forest Protection*

(Outlay Rs. 20 lakhs)

The scheme aims at augmenting the forest protection force including the staff and police force for protection of Reserve Forests and effective checking of the transport of forest produce and manning of check posts. The provision is intended for purchase of vehicles and equipment and appointment of additional staff.

(ii) *Fire Protection*

(Outlay Rs. 30 lakhs)

The Department has established a Forest Fire Depot-cum-Fire Training Centre at Kulamavu to train the forestry personnel on modern fire fighting methods. The provision is for the usual fire protection works, cost of running the training centre, construction of buildings, purchase of fire fighting equipment etc.

An outlay of Rs. 2 lakhs from the total provision of Rs. 30 lakhs is earmarked for the Tribal Sub Plan under the scheme.

Resources Development and Utilisation

1. *Mechanised Logging, Extraction and Marketing of Timber*

(Outlay Rs. 0.50 lakh)

The programme contemplates the establishment of a separate organisation for extraction, supply and distribution of forest produce. Only a token provision is made for expenditure on land acquisition charges for yards during 1982-83.

2. *Development of Forest Based Industries*

(Outlay Rs. 40 lakhs)

The outlay is for the Integrated Wood Industries Complex at Nilambur with facilities for saw mill, plywood factory, fibre plant, furniture unit etc.

3. *Development of Minor Forest Produce*

(Outlay Rs. 2 lakhs)

Maintenance of existing cardamom plantations and the developmental activities like cultivation of minor forest produce etc. are visualised under the scheme. Besides, it is proposed to form an organisation for the collection, processing, grading, storage, transport, marketing, pricing and utilisation of minor forest produce.

An amount of Rs. 1.50 lakhs is provided for 1982-83 for the Tribal Sub Plan component of the scheme.

*Others*1. *Forest Publicity*

(Outlay Rs. 5 lakhs)

The programme is intended to organise effectively the field publicity, depicting the importance of flora and fauna and also on the developmental activities being implemented by the Department. The provision is for participating in the exhibitions, conducting film shows, producing pamphlets, folders, stickers, purchase of publicity films etc.

2. *Planning and Statistical Cell*

(Outlay Rs. 4.50 lakhs)

The outlay is for procurement of equipment and stores for the efficient functioning of the Planning and Statistical cell in the department.

3. *Amenities to Labour and Tribal Welfare—Tribal Sub Plan*

(Outlay Rs. 7 lakhs)

The object of the scheme is to improve the living conditions of tribal people settled in the forests. The programmes proposed are improvement of tribal colonies, construction of roads leading to colonies, digging of wells, opening of dispensaries, introducing mobile dispensaries and establishing MFP Store sheds in tribal areas.

4. *Tribal Co-operative Societies for Collection of MFP—Grant-in-aid—Tribal Sub Plan*

(Outlay Rs. 1 lakh)

The outlay is for giving grant-in-aid to the eligible Girijan Service Co-operative Societies engaged in collection of MFP.

1.11 Investments in Agricultural Financial Institutions

The long term credit requirements of agriculturists in the State for land improvement and allied purposes are met by Kerala Co-operative Central Land Mortgage Bank. Besides the ordinary programmes, the Bank provides finance for implementing special schemes with financial assistance from Agricultural Refinance and Development Corporation. The Kerala Co-operative

Central Land Mortgage Bank has to mobilise resources through debentures for providing loan finance for these developmental programmes. The provision of Rs. 180 lakhs made under this head is meant for State Governments's contribution towards debentures to be floated by the Bank during 1982-83.

1.12 Community Development and Panchayats

In recent years the Community Development Blocks have been charged with the responsibility of implementation of special target group oriented development programmes. They have the major responsibility for implementing the Intensive Rural Development and National Rural Employment Programmes. The panchayats play a vital role in the implementation of local development programmes and hence efforts are being made to strengthen the resource base of the panchayats. The annual plan proposals for 1982-83 are essentially to continue the schemes under implementation. However, the seven point programme of the panchayats is one of the new schemes launched during the Sixth Plan period for which adequate provisions will have to be earmarked in the Plan. The various schemes for 1982-83 are itemised below:

A. Community Development

1. C.D. Programmes

(i) Agriculture

(Outlay Rs. 5.50 lakhs)

This is a programme for giving assistance for raising of kitchen gardens and other agricultural schemes implemented through Community Development Blocks. The annual plan outlay includes provision of Rs. 0.50 lakh for Special Component Plan and Rs. 0.25 lakh for Tribal Sub Plan.

(ii) Minor Irrigation

(Outlay Rs. 5.63 lakhs)

This scheme is intended for providing assistance for minor irrigation works and for installation of pump-sets for individual holdings. The outlay includes provision of Rs. 0.50 lakh for Special Component Plan and Rs. 0.13 lakh for Tribal Sub Plan.

(iii) Animal Husbandry

(Outlay Rs. 5 lakhs)

The outlay is for giving financial assistance to deserving families for undertaking animal husbandry development activities like poultry keeping, goat rearing etc. Part of the outlay is earmarked for Special Component Plan and Tribal Sub Plan. The outlay set apart for the Component Plan is Rs. 0.50 lakh and that for the Tribal Sub Plan is Rs. 0.25 lakh.

(iv) Industries

(Outlay Rs. 1.10 lakhs)

The amount set apart is intended for providing grant-in-aid to rural artisans, village craftsman etc. The outlay includes provision of Rs. 0.10 lakh each for Special Component Plan and Tribal Sub Plan.

(v) Education

(Outlay Rs. 12 lakhs)

The Plan allocation for this scheme is for providing assistance to schools and to Mahilasamajams and other voluntary organisations so as to enable them carry out their socio-cultural and literary activities.

(vi) Health and Sanitation

(Outlay Rs. 1 lakh)

The outlay proposed is for improving the health conditions and expanding the sanitary facilities of the rural poor. The facilities are to be extended to the people belonging to Scheduled Castes and Scheduled Tribes also. The outlay set apart to benefit scheduled caste is Rs. 0.40 lakh and scheduled tribes is Rs. 0.20 lakh.

(vii) Roads—Special Component Plan for Scheduled Castes and Scheduled Tribes

(Outlay Rs. 1.00 lakh)

The objective of the scheme is construction of foot bridges, culverts and rural roads in the remotest parts of the villages with people's participation. The entire amount is intended for the benefit of scheduled castes and scheduled tribes. The amount earmarked for the Special Component Plan is Rs. 0.75 lakh and Tribal Sub Plan is Rs. 0.25 lakh.

(viii) Strengthening of Block Administration

(Outlay Rs. 9.20 lakhs)

This Plan provision is meant for meeting the expenditure on staff and vehicles for the seven new blocks and expenditure on additional staff appointed in the existing blocks.

2. Extension—Strengthening of Supervisory Machinery for Woman Workers

(Outlay Rs. 0.60 lakh)

The amount provided under this scheme is for meeting the pay and allowances of the Co-ordinator and other Officers attached to Women and Children's Programme.

3. Demonstration and Training

(Outlay Rs. 3 lakhs)

The objective of the scheme is to impart training to official and non-official functionaries like Village Extension Officers, Lady Village Extension Officers, Panchayat Presidents, Presidents of Mahila Samajams etc. The outlay proposed is to meet cost of these items.

4. Publication of Monthly Journal "Gramabhoomi"

(Outlay Rs. 1.20 lakhs)

The outlay is for meeting the printing and publishing charges of the monthly journal 'Grambhoomi'.

5. National Rural Employment Programme

(Outlay Rs. 710 lakhs)

National Rural Employment Programme is a new scheme drawn up under the guidelines given by Government of India during the year 1980 to replace the "Food for Work Programme". Several ongoing schemes which were implemented under the Food for Work Programme upto 1980-81 were converted into NREP. This programme aims at generating employment opportunities in rural areas with people's participation by creating

urable community assets. NREP is a 50 per cent Centrally assisted scheme and the proposed outlay is the State share of the total outlay for this scheme. The outlay includes allocations for Special Component Plan and Tribal Sub Plan. Of the total outlay an amount of Rs. 130 lakhs is earmarked for inclusion in the Special Component Plan, and Rs. 20 lakhs for inclusion in the Tribal Sub Plan.

6(i) *Assistance to Mahilasamajams and Youth Clubs for Production Programmes*

(Outlay Rs. 52 lakhs)

A number of economic development programmes are implemented through voluntary organisations like Mahilasamajams and Youth Clubs in Community Development Blocks such as goat rearing, poultry keeping etc. The provision under this scheme is intended for giving financial support to these programmes.

(ii) *Purchase and Supply of Garden Tools*

(Outlay Rs. 3 lakhs)

The amount provided under this scheme is for supply of garden tools for laying out kitchen gardens and school gardens maintained in the ANP Blocks.

(iii) *Purchase and Supply of Seeds, Seedlings and Fertilisers*

(Outlay Rs. 2.50 lakhs)

The scheme provides for the supply of seeds required for the kitchen gardens raised in the ANP Blocks.

(B) *Panchayats*

1. *Training Institutions in Local Administration*

(Outlay Rs. 12 lakhs)

Under this scheme training facilities are provided to the staff of Panchayat administration like the Executive Officers, Panchayat Inspectors, Ministerial Staff, Panchayat Members etc. There are two training institutes, one at Trivandrum and another at Kozhikode. The period of training for officials is 30 days and for non-officials one week. The amount provided is for meeting the expenditure towards construction of buildings, and other establishment charges.

2. *Publication of 'Panchayat Raj' Journal*

(Outlay Rs. 3 lakhs)

'The Panchayat Raj' Journal carries news and other information on the progress and achievements of the numerous socio-cultural activities carried out by the

panchayats. The monthly circulation of the magazine is 15,000 at present and is likely to increase to 20,000. The outlay is for continuing the publication of the journal.

3. *Assistance to Panchayats—Loans and Grants*

(Outlay Rs. 144.75 lakhs)

The major forms of assistance provided to panchayats are: (1) loans and (2) grants.

Loans are provided for the creation of remunerative community assets like construction of market stalls and shopping centres. The loans are provided on the recommendation of the Director of Panchayats for deserving cases.

The grant portion of the assistance is aimed at the implementation of the comprehensive seven point programme in all the panchayats in the State. The seven point programme is one of the new schemes launched during the Sixth Plan period. The main items implemented under the programme are: (1) improvement and development of panchayat roads; (2) construction of minor irrigation channels; (3) establishment of common cultural centres; (4) establishment of preprimary educational institutions; (5) construction of mini stadia (6) construction of community halls and (7) creation of burning and burial grounds. The outlay proposed for this scheme comprises both the loan portion and grant portion of the assistance to panchayats.

4. *Environmental Amenities to the Poor*

(Outlay Rs. 55 lakhs)

With a view to provide living amenities like drinking water supply, power supply, sanitary facilities etc. to the poor like the beneficiaries of One Lakh Housing Scheme, it has been proposed to implement a comprehensive programme through the panchayats in the State. The outlay provided is for this purpose and it comprises amounts for Special Component Plan and Tribal Sub Plan also. The amount earmarked for the Special Component Plan is Rs. 30 lakhs and the Tribal Sub Plan is Rs. 5 lakhs.

5. *Rural Development Board—Remunerative Development Schemes*

(Outlay Rs. 120 lakhs)

The amount provided in the Plan is for replenishing the funds of the Rural Development Board. The Board advances loans to panchayats for undertaking remunerative development works.

2. CO-OPERATION

2. Co-operation

A comprehensive programme for strengthening the primary co-operative societies, farming co-operatives, labour contract societies and consumer co-operatives has been drawn up by the State. It is seen that co-operative credit facilities have expanded considerably during the past two decades. It is proposed to build up a strong, viable and integrated net work of co-operatives in the rural areas to promote comprehensive development by progressively strengthening the links between agricultural credit, inputs, marketing and distribution of essential items of consumption. The various programmes proposed for the 1982-83 Annual Plan under Co-operation are detailed below:

Direction and Administration

Reorganisation of Co-operative Department

(Outlay Rs. 55 lakhs)

A scheme for reorganisation of the Department of Co-operation for more effective implementation of Plan schemes and discharge of statutory duties such as inspection, supervision and audit of accounts of co-operatives is being implemented. The provision proposed is for meeting the additional expenditure on personnel appointed under the scheme.

Credit Co-operatives

1. *Long Term Operation Fund Financed Schemes—Share Capital Contribution to Credit Co-operatives*

(Outlay Rs. 53 lakhs)

The share capital base of credit co-operatives has to be strengthened so as to enable them to command adequate borrowing capacity to cope with the targeted loaning programmes. The targets fixed for 1982-83 by credit co-operatives are Rs. 130 crores under short term credit, Rs. 41 crores under medium term credit, and Rs. 32.77 crores under long term credit. The plan provision for this scheme is for making share capital contribution to District Co-operative Banks, Farmers Service Co-operative Banks, Primary Agricultural Credit Societies, Co-operative Urban Banks and Land Mortgage Banks under the Long Term Operations Fund Scheme of the Reserve Bank of India.

2. *Managerial Subsidy and Other Support Programmes*

(Outlay Rs. 10 lakhs)

The outlay is for giving managerial subsidy and also for meeting the cost of extension support for the rehabilitation of weak co-operative credit institutions at the base level. The programme for the reorganisation of weak primary agricultural credit societies will be continued during the year 1982-83.

3. *Interest Subsidy on Loans*

(Outlay Rs. 41 lakhs)

This scheme is for granting interest subsidy at 5 per cent to members of credit co-operatives on borrowing for agricultural purposes and self employment purposes. Subsidy will be given only to borrowers who repay the instalments within the stipulated time. The rate of interest charged will be in accordance with the rates prescribed by the Registrar of Co-operative Societies.

4. *Interest Free Loans to Harijans and Interest Subsidy to Small Farmers (Special Component Plan for Scheduled Castes and Scheduled Tribes)*

(Outlay Rs. 20 lakhs)

The provision made under this scheme is for giving interest subsidy to Harijan/Girijan Co-operatives. In respect of loans issued to Harijan/Girijan members by Harijan and Girijan Co-operatives no interest is being charged. The loss incurred by the societies on this score is being fully made good by the Government.

5. *Outright Grant for Special Bad Debt Reserve Fund/Risk Fund*

(Outlay Rs. 7 lakhs)

The outlay proposed is for payment of outright grant to Special Bad Debt Reserve Fund created to meet any unforeseen contingency which may arise in the course of transactions of credit co-operatives at the base level.

6. *Incentive Grant for Deposit Mobilisation and Deposit Guarantee Scheme*

(Outlay Rs. 20 lakhs)

In order to encourage the primary agricultural credit societies to augment their resources through deposit mobilisation, financial and extension support will be continued by the Government. The infrastructure facilities of base level credit co-operatives are to be strengthened to ensure security in handling and safe custody of cash and other valuables. A deposit guarantee scheme is also to be implemented to protect the interests of depositors of primary agricultural credit societies. The outlay proposed for this scheme is for implementing the above programme.

7. *Agricultural Credit Stabilisation Fund*

(Outlay Rs. 0.50 lakh)

The Reserve Bank of India has suggested the constitution of a State Level Agricultural Credit Stabilisation Fund and the matter is under consideration of Government. The outlay proposed is a token provision for implementing the scheme.

8. *Urban Co-operative Banks—Subsidy for Construction of Buildings*

(Outlay Rs. 5 lakhs)

The provision is for payment of grant to weak Urban Co-operative Banks for construction of office buildings. Only those banks which are selected by the Registrar of Co-operative Societies under the revitalisation scheme will be eligible for the assistance.

Housing Co-operatives—Managerial Subsidy

(Outlay Rs. 4 lakhs)

The outlay proposed is for giving managerial subsidy to 100 primary co-operative housing societies and continuing the financial assistance to Kerala Co-operative Housing Federation for technical staff.

*Labour Contract Co-operative Societies*1. *Managerial Subsidy*
(Outlay Rs. 1 lakh)

A programme for revitalisation of labour contract co-operatives will be implemented in a phased manner. The outlay proposed is for giving managerial subsidy to societies to be selected under this scheme in 1982-83 and also for continuance of the assistance to societies selected earlier.

2. *Share Capital Contribution*
(Outlay Rs. 0.60 lakh)

It is proposed to give share capital contribution to 12 labour contract co-operative societies during the year 1982-83 so as to equip those societies to obtain larger financial assistance from District Co-operative Banks for expansion of their activities. The outlay is to be utilised for this purpose.

*Farming Co-operatives*1. *Financial Assistance to Farming Co-operative Societies (Managerial Assistance Share Capital Contribution and Loan-cum-subsidy)*
(Outlay Rs. 6.10 lakhs)

The annual plan provision under this scheme is for giving the following kinds of assistance to the Joint Farming and Collective Farming Societies. The assistance will be in the form of (i) share capital contribution (ii) managerial subsidy and (iii) loan-cum-subsidy for the construction of office-cum-godowns.

*Storage, Warehousing and Marketing Co-operatives*1. *Subsidy for Construction of Godowns*
(Outlay Rs. 12 lakhs)

During the year 1982-83 assistance will be given for the construction of 50 new rural godowns, 12 marketing godowns and 7 godowns for tribal co-operatives with financial support from NCDC. The outlay is for meeting the subsidy portion of the assistance.

2. *Share Capital Contribution to Marketing/Processing Co-operatives*
(Outlay Rs. 50 lakhs)

The existing marketing and processing societies at different levels are to be strengthened and new co-operatives are to be organised in order to solve the problem of lack of linkage between credit and marketing. The provision is for payment of share capital contribution to the marketing and processing societies for expansion of marketing activities.

3. *Price Fluctuation Fund*
(Outlay Rs. 10 lakhs)

Strengthening of marketing activities in co-operative sector envisages the constitution of a Price Fluctuation Fund at the level of the State Co-operative Marketing Federation. As the purchase and selling prices are fixed by the Federation the primary agricultural credit

societies and primary marketing societies will not incur any loss on account of price fluctuations. The Federation has to bear the entire loss on this account. The outlay proposed is for payment of Government's contribution towards the fund.

4. *Managerial Subsidy to Primary Marketing/Processing Co-operatives*
(Outlay Rs. 18.30 lakhs)

Government intends to provide financial and extension support for reorganising the marketing activities in the co-operative sector. A massive market extension education programme will be taken up and implemented in a phased manner. The outlay proposed is for providing managerial assistance to societies for implementing the scheme and for meeting the cost of extension staff and Departmental Officers working as executives in primary marketing and processing co-operatives.

Processing Co-operatives—Share Capital Contribution

(Outlay Rs. 15 lakhs)

In order to revitalise the processing societies functioning at different levels new units are to be established and the existing weak units are to be rehabilitated. For installation of processing units 65 per cent of assistance will be provided by NCDC by way of loan to meet 65 per cent of the cost of installation of processing units. The State Government will provide 30 per cent of the cost by way of share capital contribution. The provision proposed is for payment of share capital contribution to processing units. It also includes provision for meeting State Government's share contribution payable to 7 crumb rubber factories programmed to be installed in 1982-83 under World Bank aided schemes.

*Consumer Co-operatives*1. *Reorganisation of Co-operative Consumer Activities*
(Outlay Rs. 50 lakhs)

Stabilisation of prices of consumer goods assumes special importance in the context of the present constant rise in prices and exploitation of the situation by traders. The objective of stabilisation of prices can be achieved only by strengthening the public distribution system in which the co-operatives can be assigned a key role. The consumer activities undertaken by co-operative societies can be strengthened by expanding the coverage of population by consumer societies, increasing their command over the wholesale and retail trade in consumer items and expanding their business especially in rural areas. The outlay proposed is for payment of Government's portion of share capital contribution managerial assistance, vehicle loan-cum-subsidy etc

2. *Students's Stores*
(Outlay Rs. 8 lakhs)

The plan provision is for giving working capital grant and managerial subsidy to school and college co-operatives which undertake the centralised purchase and distribution of essential consumer articles needed by the student community.

3. *Loan-cum-Subsidy to Lead Societies under Rural Consumer Scheme for Office-cum-Godowns*

(Outlay Rs. 4 lakhs)

In order to facilitate purchase and supply of essential consumer articles in bulk the primary societies with retail consumer outlets are grouped together and attached to a lead society. These lead societies will undertake door delivery of articles too. The Plan provision is for payment of loan-cumsubsidy in the ratio of 3:1 to lead societies under rural consumer development scheme.

Audit of Co-operatives

Publication of Co-operative Audit Manual, Revision of Audit Reports—Establishment of Contingent Expenses

(Outlay Rs. 1 lakh)

The outlay proposed is for meeting the establishment and contingent charges towards the preparation and publication of Co-operative Audit Manual, revision of Audit forms etc.

Co-operative Education, Research and Training

1. *Expansion of Co-operative Training College*

(Outlay Rs. 2 lakhs)

The plan provision is for payment of grant to Co-operative Training College, Trivandrum, for construction of building and also for starting new in-service co-operative training courses to Co-operative Department and Institutional Personnel.

2. *Grant to Circle Co-operative Union*

(Outlay Rs. 1.50 lakhs)

The outlay is for meeting the cost of full time Secretaries in Circle Co-operative Union.

3. *Non-official Education, Seminars, Study Tours and Orientation Courses*

(Outlay Rs. 5 lakhs)

The scheme for Co-operative Member Education programme has been revised and approved by Government. The outlay proposed is for payment of grant to State Co-operative Union under the Co-operative Member Education Scheme and also for meeting the expenses towards seminars and study tours conducted under the auspices of the Department and for meeting the expenses towards Orientation Courses conducted by the Department for departmental personnel.

4. *Research and Training in Co-operation*

(Outlay Rs. 5 lakhs)

In order to raise the educational standard and to intensify the technical skill of the staff appointed, the Research and Training facilities in co-operation have to be expanded. The outlay is for payment of grant to State Co-operative Union for meeting the expenses towards managing the Junior Personnel Training Centres, construction of buildings for co-operative training centres and for meeting the T. A. and D. A. expenses of Departmental officers deputed for various training courses.

Information and Publicity

Publication of Co-operative Journal—Capital and Revenue—Expenses

(Outlay Rs. 1 lakh)

The outlay proposed is for meeting the capital and revenue expenses involved in the publication of the Co-operative Journal "Sahakarana Veedhi" and other periodicals and pamphlets published by the publication wing of the Department.

Other Co-operatives

1. *Harijan/Girijan Co-operatives (Special Component Plan and Tribal Area Sub Plan)*

(Outlay Rs. 45.50 lakhs)

The programme for the reorganisation of Harijan/Girijan Co-operatives will be continued during 1982-83 and new cooperatives will be formed in areas of Harijan and Girijan concentration for implementing schemes for the welfare of these communities. Financial assistance will also be provided to the newly organised Co-operative Federation of Harijan/Girijan Co-operative Societies. The Plan provision is for giving managerial assistance, working capital grant, share grant for enrolling 20,000 new members belonging to Harijan and Girijan communities, share contribution to new societies and Federation, etc.

2. *Women's Co-operatives*

(Outlay Rs. 2 lakhs)

In order to associate women with the activities of the co-operative institutions and to utilise their service in consumer and marketing cooperatives, women's wings are to be opened in some selected co-operative societies. The outlay proposed is for giving share capital contribution, managerial subsidy and building grant to these societies.

3. *Financial Assistance to Co-operative Hospitals/Dispensaries*

(Outlay Rs. 15 lakhs)

It is proposed to implement the recommendations of the Committee appointed by Government to make an indepth study into the working of Co-operative hospitals and dispensaries, in a phased manner. The outlay proposed is for payment of share contribution, loans for drugs and buildings, managerial subsidy, building subsidy etc. for the co-operative hospitals/dispensaries.

4. *Employees' Co-operative Societies*

(Outlay Rs. 2 lakhs)

The proposed outlay is for payment of share capital contribution, managerial subsidy and rent subsidy to employees co-operative societies.

5. *Assistance to Co-operative Undertakings—Minor Irrigation Works*

(Outlay Rs. 0.50 lakh)

The outlay is a token provision for providing financial assistance by way of grant to co-operative societies undertaking minor irrigation works.

6. *Co-operatives organised for Promotion of Employment*
(Outlay Rs. 15 lakhs)

The Sixth Five Year Plan programme for cooperative development lays particular emphasis on employment oriented schemes. Various types of societies which would help self employment have been organised such as Co-operative Educational Societies, Co-operative

Autorikshaw Driver's Societies and Taxi Driver's Co-operative Societies, Motor Drivers Co-operative Societies, Printing and Publishing Co-operative Societies, Job Workers Co-operative Societies, Balwadi Co-operative Societies etc. These societies will have to be provided share capital contribution, working capital grant and managerial subsidy. The amount provided in the Plan is for the above purposes.

3. IRRIGATION, FLOOD CONTROL AND ANTI-SEA EROSION

3. IRRIGATION, FLOOD CONTROL AND ANTI-SEA EROSION

3.1 Major and Medium Irrigation

The cultivable area in Kerala is assessed as 23 lakh hectares, and the irrigation potential of the State is estimated as 16 lakh hectares (net) or 25 lakh hectares (gross). Of this, the area that can be brought under irrigation through major and medium irrigation projects is 6 lakh hectares (net) or 14 lakh hectares (gross). At the end of 1979-80, the base year of the Sixth Five Year about 2 lakh hectares (net) or 3 lakh hectares (gross) has been brought under irrigation through major and medium irrigation projects with an investment of nearly Rs. 213 crores. The ten completed projects irrigate a gross area of 1.47 lakh hectares, while the eleven on-going projects through partial commissioning, irrigate a gross area of 1.33 lakh hectares.

The strategy adopted in the Sixth Plan is completion of the on-going projects and starting of projects which will satisfy the irrigation requirements of backward areas and drought-prone areas. The Sixth Plan aims at increasing the gross irrigated area from 2.80 lakh hectares in March, 1980 to 4.87 lakh hectares by March 1985, thus bringing 2.07 lakh hectares additionally under irrigation during 1980-85. During this period, the investment proposed is Rs. 256 crores.

In line with the strategy and aims of the irrigation plan, during the first two years (1980-82) of the plan period it is expected that the additional utilisable irrigation potential created will be 53,000 hectares (gross) with an investment of Rs. 83.34 crores. For the 1982-83 Annual Plan an outlay of Rs. 54 crores is proposed to additionally irrigate a gross area of 48,200 hectares. During 1982-83 it is expected that of the on-going nine major schemes, Kallada, Pamba, Periyar Valley, Chimoni, Kanjirapuzha and Pazhassi would bring 48,200 hectares under irrigation through partial commissioning. The outlay proposed for these six schemes is nearly Rs. 43 crores, which is about 80 per cent of the total outlay.

The details of the projects/schemes scheduled for work during 1982-83 are briefly given below:

1. Kallada Irrigation Project.

(Outlay Rs. 2638 lakhs)

The Kallada Irrigation Project, the biggest multi-purpose project conceived in the State, is estimated to cost Rs. 176 crores and will benefit an area of 61,600 hectares (net) or 92,800 hectares (gross) in Quilon district and in parts of Alleppey and Trivandrum districts. The project comprises a masonry dam 335 metres long with a maximum height of 78.5 metres across Kallada river in Quilon district to form a reservoir, a pick up weir at Ottakkal 4.6 km. downstream from the dam 118 m. long and 9 m. in height, a right bank canal 82.08 km. long, a left bank canal 96 km. long both taking off from the pick up weir and a network of canals. Both wet and dry lands are to be irrigated by this project. The project was taken up for execution during the year 1961-62. The area ex-

pected to be benefited by the scheme at the end of the Sixth Plan period is 63,300 hectares (gross). The scheme is expected to attract World Bank funds and will be completed by the Seventh Plan period. The total expenditure incurred on the project till the end of March 1980 is Rs. 34.30 crores. During 1980-82, it is expected that 8200 ha. will be brought under irrigation with an investment of Rs. 2827 lakhs.

The outlay proposed for 1982-83 is to carry out works on the dam and canals and the physical target expected is 21,000 ha. (gross) by partial commissioning of the Project.

2. Pamba Irrigation Project.

(Outlay Rs. 400 lakhs)

The project comprises a barrage at Maniyar across Kakkad river, having a length of 115.22 m. and a height of 16.76 m. and a net work of canals taking off from the barrage. The project was taken up for implementation during 1961-62. The latest assessed cost of the project is Rs. 43 crores. Till March 1980, an amount of Rs. 28 crores was spent on the project to create an irrigation potential of 28,500 hectares (gross) against an ultimate potential of 41,700 hectares (gross).

During the first two years of the Sixth Plan viz. 1980-82 it is expected that 14,200 hectares will be brought under irrigation with an investment of Rs. 800 lakhs.

The programme for 1982-83 includes completion of Left Bank Canal from 37 to 47.15 km. branch canals of Mavelikkara East and West, Eruva, Cheppadu and Kandalloor and Kannamangalam East and West, Mavelikkara East, Thazhakkara West and Harippad.

3. Muvattupuzha Valley Irrigation Project.

(Outlay Rs. 300 lakhs)

This project envisages the construction of a dam across Thodupuzha river at Malankara. The canal system consists of a right bank canal 30 km. long, left bank canal 41 km. long and a water distribution system. The project is estimated to cost Rs. 37.60 crores and envisages the utilisation of the tailrace waters of Idukki Hydro Electric Scheme for irrigating 52,200 hectares (gross) of both wet and dry lands lying in the three districts of Idukki, Ernakulam and Kottayam. The project was started in 1975 and up to March 1980, an amount of Rs. 4.77 crores had been invested on the project.

The programme for 1982-83 is to complete the earth dam on left bank, embankment formation and construction of head regulator for L.B.C., construction of coffer dam, head regulator and aqueduct at Kolani-thodu. Completion of 15 per cent of R.B.C. from 100 to 8013 m. and 63 per cent of L.B.C. from 100 m. to 19300 m. including 2 under tunnels.

4. *Periyar Valley Irrigation Project.*

(Outlay Rs. 275 lakhs)

This project envisages construction of a barrage at Boothathankettu across Periyar river and a system of canals and distributaries. This was started in 1956 for irrigating an area of 85,600 hectares (gross) of wet lands in Ernakulam district. The project is estimated to cost Rs. 39.71 crores and till the end of March 1980, an amount of Rs. 25.58 crores has been invested, and an irrigation potential of 49,200 hectares (gross) has been developed. During 1980-82 it is anticipated that an amount of Rs. 570 lakhs will be spent on the Project to bring an ayacut of 5000 hectares (gross) under irrigation.

The programme for 1982-83 includes the completion of high level canal and construction of 75 m. of Panol branch, 3 km. of Kolencheri branch, 2.6 km. of Varapuzha branch and 1.5 km. of Edappalli branch canals. 16 km. of various distributaries are also programmed to be completed during the year. Supply and erection of the balance crest gate of Periyar Valley Irrigation Barrage and construction of head regulators are also included in the programme.

5. *Chimoni Irrigation Project.*

(Outlay Rs. 140 lakhs)

This project envisages supply of water to 26,200 hectares (gross) of Kole lands and its peripheral lands in Trichur district, at an estimated cost of Rs. 14.41 crores. A masonry dam with an earth dam on the right bank across Chimoni river, a tributary of Karuvannur river, forms the head works. No new canal system is contemplated. This project was started in 1975 and the expenditure till March 1980 is Rs. 2.77 crores.

Programme for 1982-83 is to continue masonry works in the river portion and right bank and complete the foundation for left bank and start masonry there. The filter for earth dam on right bank is to be completed and work on earth dam will be continued.

6. *Chitturpuzha-Moolathara Irrigation Project*

(Outlay Rs. 100 lakhs)

This project envisages remodelling of the existing irrigation system in Chitturpuzha for irrigation of wet lands in Chittur taluk of Palghat district. The proposals comprise replacing the Moolathara anicut by a regulator, reconstruction of Thembramadakku weir, and remodelling and extension of canal systems. The latest estimate for the completion of the project is Rs. 16 crores and it is intended to benefit an area of 32,600 hectares (gross). The implementation of the project was started during the Third Five Year Plan period and an amount of Rs. 9.42 crores has been invested till the end of March 1980. The irrigation potential developed so far is 31,500 hectares (gross). During 1980-82 it is expected that an amount of Rs. 183 lakhs will be spent to serve an additional ayacut of 600 hectares (gross).

The outlay is to complete the balance work in Kumbalathara Eri, Thembramadakku, Kunnumkattupathi and Nurnee canal and distributaries and branches.

7. *Kanhirapuzha Irrigation Project.*

(Outlay Rs. 350 lakhs)

The project is to construct an earthen dam with a central masonry spillway across Kanhirapuzha to provide irrigation facilities for an area of 21,900 hectares (gross) in the taluks of Mannarghat, Ottapalam and Palghat at a cost of Rs. 32 crores. The project was started in 1961-62, and Rs. 16.32 crores has been invested till March 1980. During 1980-82 the anticipated expenditure would be Rs. 700 lakhs bringing an area of 8600 hectares under irrigation.

The proposed programme of work for 1982-83 comprise fixing of spillway gates including construction of spillway bridge and raising of masonry in left and right side to +100.28 of the masonry dam, completing the balance works in R.B. Canals and distributaries and balance work in L.B. Canal from 30 to 40 km and completing 50 per cent of the work of the canal from 40 to 45 km., arrangement of works in 45 to 50 km. completion of the investigation of all distributaries in L.B. Canal, completion of 50 per cent of the balance distributaries and completion distributaries in R.B. canal in all respects.

8. *Kuttiadi Irrigation Project*

(Outlay Rs. 177 lakhs)

The project envisages the construction of a masonry dam across Kuttiadi river at Perivannamuzhi, 13 earth saddle dams for a total length of 1844m and a canal system. This project is estimated to cost Rs. 39.70 crores, and will provide irrigation facilities to 31,200 hectares (gross) of paddy lands in Kozhikode, Badagara and Quilandy taluks. It was taken up for execution in 1962. An amount of Rs. 32.92 crores was spent on the project till the end of March 1980. The irrigation potential created up to the end of 1980-81 is 22,394 ha. (gross). During 1980-82, it is expected that 13,000 hectares (gross) will be brought under irrigation with an investment of Rs. 560 lakhs.

During 1982-83 it is proposed to complete the balance work of R.B. canal from 19 to 25 km. and the balance work in Azhiyur channel including two major aqueducts at Vallikkad and Chorode.

9. *Pazhassi Irrigation Project.*

(Outlay Rs. 500 lakhs)

This project is a diversion scheme across Valappattanam river in Cannanore district. The barrage is situated in Kullur. The canal system is mainly on the left bank comprising 55 km. of main canal and 133 km. of branches. This project would cost Rs. 42 crores and is intended to irrigate 32,300 hectares (gross) of paddy lands of Kuppam, Baliapatam, Anjarakandy, Telli-cherry and Mahe. The project was started in 1962 and till March 1980, an amount of Rs. 23.49 crores has been invested. The irrigation potential created by the end of 1980-81 is 6946 ha. (gross). During 1980-82 the anticipated expenditure would be Rs. 900 lakhs to serve an additional ayacut of 8300 hectares (gross).

The programme of work proposed for 1982-83 is completing the fixing of emergency shutters in the barrage, completing lining in reach 25 to 30 km. and balance work in reach 30 to 41 km. including Maniyur and Mayyil aqueducts and starting the preliminary works of Parassinikadavu and canals below.

B. New Schemes

1. Idamalayar Irrigation Project.

(Outlay Rs. 150 lakhs)

This project envisages the utilisation of the tail-race waters of Idamalayar Hydro-electric Project by diverting the water through the barrage of Periyar Valley Irrigation Project at Planchode into a new canal in the right bank of Periyar. The project would irrigate 52,400 hectares (gross) and the estimated cost is Rs. 22.41 crores. Till March 1980, the expenditure was Rs. 18.47 crores. During the first two years of the Plan ending 1981-82 the anticipated expenditure is about Rs. 200 lakhs.

The programme of 1982-83 includes the construction of main canal for a length of 4560 m, 53% completion of Division Office building, quarters and cross ways at Thundathil and Perumthodu and construction of a head regulator.

2. Kuriarkutty-Karappara Irrigation Project.

(Outlay Rs. 30 lakhs)

This project envisages the utilisation of the tail-race waters of Kuriarkutty-Karappara Hydro-electric Scheme. The estimated cost of the project is Rs. 26.85 crores. It will provide irrigation facilities to 11,740 hectares (gross) of wet lands, (Paddy lands and sugarcane lands) in Palghat district adjacent to Tamil Nadu. By the end of March 1982, the anticipated expenditure will be Rs. 70 lakhs.

During 1982-83 it is proposed to complete the balance work in R.B. canal from 0-6736 m except tunnel at 4300 m—4500 m and start the work of tunnel and complete 25 per cent of this.

3. Beyyorepuzha Irrigation Project

(Outlay Rs. 15 lakhs)

The proposal is to construct a masonry barrage across Beyyorepuzha at Azhiyakode and to direct the flow to irrigate an area of 11,620 hectares (gross) in Kozhikode and Malappuram districts. The estimated cost of the project is Rs. 10.61 crores. By the end of March 1982, the anticipated expenditure is Rs. 30 lakhs.

During 1982-83 the programme of work is finalisation of alignment of barrage and canals, fixing up of centre line stones, completion of office and staff quarters and starting of foundation of barrage after finalising project report.

4. Kakkadavu Irrigation Project

(Outlay Rs. 30 lakhs)

This project consists of a reservoir at Kakkadavu across Karingotta river to irrigate an area of 41,760 hectares (gross) in Cannanore district. The estimated cost of the project is Rs. 26 crores. Till March 1980, the investment on the project has been Rs. 29 lakhs. It is anticipated that an amount of Rs. 60 lakhs will be spent by the end of March 1982.

During 1982-83 this programme of work is completion of the bridge below dam site, improvements of the road from Cheemeni to Kankola, construction of balance quarters for staff and complete restudy of the project.

(ii) Medium Schemes

A. On-going schemes

1. Attappadi Irrigation Project

(Outlay Rs. 65 lakhs)

This project consists of a masonry dam at Chittar across Siruvani river in Attapadi, and a canal system to irrigate 8050 hectares (gross) in the tribal area of Attappady in Palghat district. The project is estimated to cost Rs. 16 crores and was started in 1974. Till March 1980, an amount of Rs. 2.49 crores has been invested. The anticipated expenditure by the end of March 1982 will be Rs. 155 lakhs.

The programme of work during 1982-83 is completion of foundation, excavation and starting of masonry works, completion of drilling and grouting for the dam, completion of R.B. canal 0-6 km. and starting of work in 6 km. to 12 km. and completion of balance investigation work.

2. Karapuzha Irrigation Project.

(Outlay Rs. 60 lakhs)

The project consists of a masonry dam across Karapuzha at Vazhavatta with earth flanking dams on either side, main canals, and a network of distributaries. The ultimate irrigation potential that can be developed by this project is 9,300 hectares (gross) in South Wynad taluk of Kozhikode district at a cost of Rs. 12 crores. The project was started in 1971 and till the end of March 1980, an amount of Rs. 2.35 crores has been invested. By the end of March 1982 it is expected that an amount of Rs. 160 lakhs will be spent.

The proposed plan provision is for completion of fixing F.R.L. stones, construction of earth dam beyond +473m for another 5m height and completion of balance work on saddle dam at Cherupuzha, completion of work in improvements to quarry roads from dam site to Ambalavayal and Kakkavayal Vazhavatta, completion of 75 per cent of canals from 150 to 10 km. except aqueduct at 600 m and cut and cover at 2000 m—2600 m and starting of work of aqueduct and cut and cover for 25 per cent completion.

B. New Schemes

1. Vamanapuram Irrigation Project

(Outlay Rs. 20 lakhs)

The first stage of the project envisages the construction of a dam at Valayanki across Kallar, the tributary of Vamanapuram river and a network of canal system to irrigate 24,250 hectares (gross) of agricultural land in Trivandrum District. The total estimated cost of the project is Rs. 37.12 crores. Till March 1980, the expenditure on the project was Rs. 12 lakhs. The anticipated expenditure of the Project for the first two years of the Plan ending 1981-82 is Rs. 38 lakhs. The proposed outlay is to carry out the preliminary works on the project.

2. *Meenachil Irrigation Project*

(Outlay Rs. 20 lakhs)

So far no irrigation project has been taken up in the Meenachil river basin. The irrigation needs of the basin are met by lift and minor irrigation schemes which serve a portion of the area for two cropping seasons. A storage reservoir can be constructed in the basin at Cherripad and an irrigation potential of 10,000 hectares (gross) can be developed at a cost of Rs. 35 crores.

During the year 1982-83 the detailed investigation of dam site and canals will be continued.

3. *Banasuradasagar Irrigation Scheme.*

(Outlay Rs. 5 lakhs)

The project will irrigate an area of about 4,800 hectares (gross) in Wynad. The project area is predominantly inhabited by harijans and adivasies. A dam is to be constructed across Karamanathodu which is a tributary of Panamaram river, which is a major tributary of Kabani river. The project is estimated to cost Rs. 11.37 crores. The expenditure till March 1980 is Rs. 42 lakhs. An amount of Rs. 10 lakhs is expected to be spent by the end of March 1982.

Completion of work of buildings, like office, stores, quarters etc., and starting preliminary works of canals are proposed during the year 1982-83.

(iii) *Other Projects*

Modernisation of Old Projects

(Outlay Rs. 40 lakhs)

It is proposed to rectify the canal system in the old projects and achieve better utilisation of the water storage by reducing losses to the minimum.

Programme during 1982-83 includes detailed investigation and preparation of project reports for Malampuzha and Neyyar Project systems and work on some extensions of ayacut will be continued.

Survey, Research and Investigation

(Outlay Rs. 85 lakhs)

To formulate integrated river valley projects in future, it is necessary to carry out hydrological and meteorological studies and other surveys and collect data about the river basins.

During the year 1982-83 the programmes include the preliminary investigation of Payaswini, Monnamkadavu, Maruthapuzha, Karulai, and Aralam Projects and detailed investigation of Areacode Project.

3.2 Flood Control and Anti-Sea Erosion

Flood Control

(Outlay Rs. 150 lakhs)

Generally floods occur simultaneously in all regions of the State accompanied by land slides in the hills, flooding in the plains and erosion and tidal overflow along the sea coast. The victims of such floods are the poor people living in the hill slopes and along the river banks. The damages caused by floods to agricultural lands, public property, roads, canals etc. are very significant. Due to deforestation and silting of river beds, the problems of floods will only increase in future unless necessary flood control measures are planned and implemented as a time-bound programme.

Till end of March 1980, 67.278 km. of embankments and 6.80 km. of drainage channels have been constructed. The total area provided with flood protection is 15,725 hectares. The investment so far has been about Rs. 6.65 crores. During the Sixth Plan period it is proposed to additionally construct embankments, drainage channels etc. to protect 8500 hectares more.

The Sixth Plan outlay for flood control is Rs. 1000 lakhs to protect an area of 8458 ha. The Sixth Plan programme which is based on a short range plan to meet the immediate requirements, include the completion of spillover works on hand, protection of river banks in stretches which are subject to serious and frequent floods, widening and deepening of the leading channel of Thottappally Spillway to relieve stagnation in Kuttanad area, completion of work of improving Amayizhanchan thodu to mitigate floods in Trivandrum City, completing the works for providing better drainage facilities to low lying areas of Cochin and Calicut Cities and provision for the purchase of dredgers for deepening river mouths of certain rivers for quick discharge of flood waters. The programme also includes provision for carrying out investigation for the preparation of a long range master plan for flood control from the Seventh Five Year Plan onwards.

The physical programme for 1982-83 includes completion of as many spillover works as possible to protect 1,693 ha., taking up the work of widening and deepening the leading channel of Thottappally spillway and placing of orders of the purchase of a dredger. The investigation work for the preparation of long range basin-wise master plan for flood control measures is also contemplated. The scheme-wise break-up of the proposed outlay is furnished below:—

1. Execution of Spillover Works	Rs. 90 lakhs
2. New Emergent Works	Rs. 25 ,,
3. Widening and Deepening of Leading Channel to Thottappally Spillway	Rs. 15 ,,
4. Purchase of Dredgers	Rs. 10 ,,
5. Investigation	Rs. 10 ,,
Total	Rs. 150 lakhs

Anti-Sea Erosion

(Outlay Rs. 300 lakhs +
Rs. 600 lakhs *)

Kerala has a coast line of 560 km., a large part of which is subjected to severe erosion at several places during the monsoons. Loss of valuable lands and buildings along the coast line and loss of human life have been the outcome. Sometimes the coast line is subjected to tidal overflow and adjoining low lying lands are submerged resulting in damages to paddy lands and dwelling units and pollution of inland fresh water lakes.

It is estimated that a coastline of nearly 320 km. is exposed to erosion. Of this, 250 km. of coast line is subject to very severe erosion. Till March 1980, an amount of Rs. 43.25 crores has been spent to protect 227 km. of coast line. Work is in progress over a length of 40 km. Out of the 227 km. of coast line protected, about 70 km. requires reformation and repairs.

The physical targets envisaged during the Sixth Plan period is protection of a length of 85 km. of coast line and reformation and repairs of about 70 km. of sea wall already constructed. During the first two years of the Sixth Plan period 44 km. of sea walls were actually constructed. Also 13.2 km. of existing sea walls was reformed.

The proposed outlay for the year 1982-83 is mainly intended to meet the expenditure on spillover schemes. The physical target proposed is protection of 18 km. of coast line by construction of new sea wall and reformation of 10 km. of existing sea wall. The outlay also includes provision of coastal erosion studies. A special loan assistance from Government of India to the extent of Rs. 600 lakhs is essential for completing the anti-sea erosion works in the State.

*Special Central loan assistance from Government of India.

4. POWER DEVELOPMENT

POWER DEVELOPMENT

The power system in Kerala is entirely hydrobased. Hydro power is the cheapest source of energy. It is estimated that the total hydel-power potential in the State is 3 million KW at 60 per cent load factor. Eventhough tapping of hydel-power was given top priority in the States Five Year Plans, only one-third of the total potential could be harnessed so far. As on March 1980, out of the total State Plan expenditure of Rs. 1679.63 crores, the investment on power development stood at Rs. 422.54 crores which accounts for more than 25 per cent of the total Plan outlay. A ten-fold growth in installed power generation capacity could be achieved during the Plan era. The present capacity stands at 1011.5 MW.

During the Sixth Plan period, high priority was assigned to the transmission and distribution system. Out of the approved outlay of Rs. 312.73 crores for the Sixth Plan Rs. 96.01 crores will be for generation schemes, Rs. 80 crores for Transmission schemes and Rs. 136.72 crores for distribution and rural electrification. During the first two years of the Sixth Plan period the strategy followed was: (i) to give priority to generation projects which could be commissioned in the 1980-85 Plan period, (ii) to phase out the back log in transmission and distribution works. This strategy will be continued during 1982-83 also. During 1982-83 it is proposed to complete Idukki Stage III and Sabarigiri Augmentation Hydro-electric Schemes, and to bring Idamalayar Hydro-electric Scheme to near completion. Work on the Kakkad Hydro-electric Scheme will be speeded up. It is expected that Government of India will provide special Central assistance to complete Idukki Stage II Hydro-Electric Scheme which will be useful to cater to the peaking power demands of the Southern Region. Of the new generation schemes, Lower Periyar, and Kallada Hydro-Electric Schemes will be given priority in investments during 1982-83.

On the transmission side it is proposed to complete work on 2 numbers of 110 KV Sub Stations, 297 ct. kms. of 110 KV lines, 12 numbers 66 KV Sub stations, and 177 ct.kms. of 66 KV lines, during 1982-83 to meet the demands of the regions. It is also proposed that during 1982-83, 180,000 service connections will be made, 30,000 pumpsets energised, and 60 number of tribal colonies and 240 harijan colonies will be supplied with electricity. The pressing demands of qualitative improvements for distribution of electricity in the three cities will be taken care of if funds are available.

Power Generation Schemes

There are nine completed power generation schemes in Kerala at present which can generate nearly 5000 Mu of energy per annum. Of these, two schemes, namely Idukki and Sabarigiri, account for over 70 per cent of the capacity. As on March, 1980 five more ongoing schemes with an energy potential of over 1600 Mu were under execution. Of these, Idamalayar, Idukki III

Stage and Sabarigiri Augmentation are scheduled for completion during the Sixth Plan period. Thus the generation capability of the Kerala Power System by the end of the Sixth Plan period will be 1086.5 MW

The new schemes taken up to meet the power requirements of the State and the Region in the years to come are Idukki II Stage, Lower Periyar, Kuriarkutty-Karappara, Kallada, Kuttiadi Augmentation, Mananthavady and Pooyankutty. The necessary agreement between the Government of India and the Government of Canada has been executed already for the execution of Idukki Second Stage works and preliminary arrangements have already commenced. The first machine can be tentatively commissioned by the end of the Sixth Plan period or early Seventh Plan period. The works on the Silent Valley Hydro-electric Project, which is an on-going scheme, has been suspended pending clearance on ecological angle. Kallada Power Generation Scheme with a total installed capacity of 15 MW can be commissioned during the Plan period provided necessary funds are available.

(a) On-going Schemes

1. Idamalayar

(Outlay Rs. 600 lakhs)

The Idamalayar Project in the Periyar basin envisages construction of masonry dam 90 m. high, a power tunnel 1730 m. long, two penstocks 165 m. long each leading to a power house having two generating units of 37.5 MW each. The firm power potential is 36.5 MW, equivalent energy being 320 Mu per annum.

The latest revised cost of the project is Rs. 56 crores, of which Rs. 16.03 crores is apportioned to irrigation and other water uses. An amount of Rs. 21.30 crores has already been invested in the Project till March 1980. As against an approved outlay of Rs. 1267 lakhs during the Sixth Plan period, the expected investment for the period 1980-82 is Rs. 1982 lakhs. It is proposed to commission the first unit of the scheme by April, 1983 and to complete the Project as a whole by 1983-84.

2. Idukki III Stage

(Outlay Rs. 108 lakhs)

The scheme envisages pooling of more water into the Idukki reservoir by diversion of water from Kallar and Erattayar. The Kallar diversion system mainly consists of a masonry gravity dam 12.2 m high across Kallar and an unlined tunnel 2.96 km. long and 5 m. dia. to divert the waters from Kallar to Erattayar. The Erattayar system comprises a masonry gravity dam 19.8 m high across Erattayar and an unlined tunnel 3.8 km. long and 6 m dia. to divert the waters from Erattayar to Idukki reservoir. The scheme will yield and additional energy 376 Mu annually at Idukki.

The investment under the project till March 1980 is Rs. 752 lakhs, and a outlay of Rs. 376 lakhs is required during the Sixth Plan to complete the scheme

within the Plan period. The expected expenditure for the period 1980-82 is Rs. 268 lakhs. The Erattayar-Idukki diversion tunnel was completed by the end of March, 1980. The programme is to complete the scheme in all respects by 1982-83.

3. *Sabarigiri Augmentation Hydro-electric Scheme*

(Outlay Rs. 25 lakhs)

The Sabarigiri Augmentation Scheme envisages diversion of water of Kullar, Gaviar and Meenar streams into the existing Pamba reservoir and the water of Upper Moozhiyar into the existing Kakki reservoir. The average annual yield available from the diversion will be about 2.7 TMC which when pooled into the Sabarigiri reservoir will yield 14.5 MW corresponding to 125 Mu of energy per annum.

The latest estimated cost of the scheme is Rs. 450 lakhs. Till March, 1980, Rs. 313 lakhs has been invested on the scheme. Subsequent to the revision in project completion cost, the expected expenditure during 1980-82 is Rs. 99 lakhs. The Upper Moozhiyar diversion part of the scheme was completed in 1978 and the benefits from this part was realised from 1979 onwards. The Pamba part of the scheme is in progress and will be completed by 1983.

4. *Kakkad Hydro-electric Scheme*

(Outlay Rs. 625 lakhs)

The Kakkad Hydro-electric Project is a tail race development of the existing Sabarigiri Power Station in Pamba basin. The Project was sanctioned in 1976 at an estimated cost of Rs. 1860 lakhs. The latest estimated cost of the scheme is Rs. 2920 lakhs.

The Scheme comprises two dams, an inter connecting tunnel 3000 m long, a power tunnel 7500 m long and a pressure shaft 360 m long and an overground power house housing two units of 25 MW each. The Scheme was taken up for execution in 1978-79. An outlay of Rs. 1500 lakhs has been approved for the Sixth Plan period. The expenditure on the Scheme till March 1980, is Rs. 151 lakhs. The expected investment for the period 1980-82 is Rs. 533 lakhs.

5. *Idukki II Stage Hydro-electric Scheme*

This includes installation and commissioning of three additional units 130 MW capacity at the existing Idukki Power Station. The Project which is estimated to cost Rs. 3168 lakhs was sanctioned in November 1979. All the three generating units under the scheme are to be imported from Canada. The Government of India has sanctioned the import of this equipment from Canada. Agreement for Canadian aid has been executed between the Government of India and the Government of Canada.

Advance payment for the import of the generating machinery and other materials from Canada and procurement of M.S. Plates and fabrication of pressure shaft liners are envisaged during the current year. The approved outlay for the current year 1981-82 is Rs. 250 lakhs. For the year 1982-83 owing to paucity of financial resources in the State sector no provision is made in the State Plan. But this being a Canadian Aided Project it is expected that special Central assistance

to the tune of Rs. 500 lakhs will be forthcoming from Government of India, since this scheme would immediately benefit the peaking power demands of the Southern region. The programme is to commission atleast one of the Units during the Sixth Plan period and the rest two early in the Seventh Plan period.

6. *Silent Valley Hydro-electric Scheme*

The Silent Valley Scheme envisages utilisation of the yield of the Upper Kunthipuzha catchment of Bharathapuzha for power generation. The scheme costing Rs. 5800 lakhs with an installed capacity of 240 MW, when completed will add 522 Mu per annum to the State Grid. An amount of Rs. 239 lakhs has been invested on the scheme upto March 1980. All the works of this Project have been suspended as directed by Government of India pending studies on the ecological impact of the project. Hence no provision is made for the project during 1982-83.

(b) *New Schemes*

(Outlay Rs. 372 lakhs)

During the Sixth Plan period, it is proposed to make initial investments under new hydel schemes with a view to setting their benefits during the Seventh and subsequent plan periods and hence an outlay of Rs. 3000 lakhs is provided for the same. Lower Periyar and Kuriarkutty-Karappara Schemes have already been taken up for implementation.

In the 1982-83 Plan an outlay of Rs. 200 lakhs is proposed for Kallada Hydro-electric Scheme and Rs. 172 lakhs for Lower Periyar, Kuriarkutty-Karappara and other hydro-electric schemes.

A brief description of the new schemes already initiated are given below:

1. *Lower Periyar Hydro-electric Scheme*

This Scheme in Periyar basin contemplates construction of a concrete gravity dam of 31 m height, a power tunnel of about 12 km length, 3 surface penstocks 172 m long each and a surface Power station housing 3 units of 60 MW capacity each. The revised cost of the scheme is Rs. 8843 lakhs.

Preliminary works of the Project such as construction of roads, buildings, power supply etc., are in progress. The Scheme is proposed to be completed during the Seventh Plan period and will add 493 Mu of energy to the System.

2. *Kuriarkutty-Karappara Hydro-electric Scheme*

The scheme consists of three dams and three power stations for the utilisation of waters of Kuriarkutty, Pulickal and Karappara rivers, all tributaries of Chalakudy river for power generation and irrigation. The cost of the scheme is Rs. 4855 lakhs. It is proposed to complete the scheme during the Seventh Plan period.

3. *Kallada Hydro-electric Scheme*

This scheme envisages installation of two units of 7.5 MW each to generate 65 Mu of energy per annum. This is a low head scheme with a dam toe power station in the ongoing irrigation scheme and is scheduled

for completion within the Sixth Plan period. An outlay of Rs. 50 lakhs is provided for 1981-82 and another Rs. 200 lakh for 1982-83.

4. *Pooyankutty Hydro-Electric Scheme*

The scheme aims at harnessing the power potential and integrated development of Pooyankutty, Upper Idamalayar, Kudalar and Thottiyar rivers, all tributaries of Periyar for power generation and irrigation downstream. Preliminary works are in progress. The scheme costing Rs. 565.15 crores when completed will add about 2000 Mu of energy to the power grid.

5. *Mananthavady Hydro-Electric Scheme*

The Mananthavady Multipurpose Project in Kabini basin consists of an earthen dam across Mananthavady river and a series of saddle dams which form a reservoir of gross capacity 621 Mm³. The water thus stored will be led through a circular tunnel, 2.34 km long, two surface penstocks 1.7 km long each, feeding four generating units of 60 MW capacity each. The scheme costing Rs. 73.68 lakhs when completed will add to the Kerala power system a firm power potential of 83.3 MW equivalent to an annual generation of 730 Mu.

6. *Kuttiyadi Augmentation*

This scheme is to augment the existing Kuttiyadi Hydro-Electric Scheme. The scheme envisages creation of a reservoir of 200 Mm³ capacity by constructing a dam of 33 m height across Karuanthodu. This will increase the firm power generation of the existing Kuttiyadi power station by 20 MW. The Project Report of the scheme was submitted to the Centre in 1976 and the clearance is awaited.

(c) *Advance Action on New Schemes*

It is proposed to start advance action on Mananthavady, Pooyankutty, Kallada, Arapally, Perinjankutty, Pandiyar-Punnappuzha, Peringalkuthu Right Bank etc as part of the long term power development of the State. However no separate State plan provision is earmarked for this purpose in the 1982-83 Plan.

(d) *Advance Action on Alternate Sources of Energy*

(Outlay Rs. 10 lakhs)

It is proposed to fund research studies for exploitation of alternate forms of energy for the State.

II. *Survey and Investigation*

(Outlay Rs. 80 lakhs)

This aims at carrying out extensive investigation works of future hydel schemes as well as collection of hydrological and meteorological data required for the preparation of the detailed Project Reports.

III. *Transmission*

(Outlay Rs. 1900 lakhs)

Though Kerala has at present no dearth of power, prospective consumers have to wait for long periods for getting power connection. Due to shortages in the

supply of cement and steel, only Rs. 1310 lakhs could be spent against an outlay of Rs. 1460 lakhs during 1980-81 on transmission works. During the year 1981-82 the plan outlay of Rs. 1500 lakhs will be fully utilised and the following works are expected to be completed:

A. 220 KV

Addition of 280 MVA transformer capacity (220/110 KV) at Pallom Sub station.

B. 110 KV

110/66 KV Sub stations at (1) Alleppey South and (2) Vaikom 110/11 KV Sub stations at (1) Payyannur. (2) Neriamangalam and (3) Kakkayam 297 Ct kms of 110 KV lines.

C. 66 KV

66 KV Sub stations at (1) Edaricode (2) Varkala (3) Perinthalmanna (4) Edappal (5) Walayar Quarry (6) Chavara (7) Ernakulam North and (8) Kandassankadavu.

296 Ct kms of 66 KV lines

The Sub stations at (1) Payyannur (2) Edaricode (3) Varkala and (4) Perinthalmanna have already been completed. Construction of 108 Ct. km 110 KV lines and 85 Ct km 66 KV lines has also been completed during the current year.

An outlay of Rs. 1900 lakhs is proposed for transmission works for 1982-83. Since works to the extent of about Rs. 100 crores have to be completed during the balance period of the Sixth Plan, the allocation proposed is actually inadequate to complete the works, which were proposed earlier.

The following works are proposed to be completed during 1982-83:—

A. 220 KV	Nil	
B. 110 KV	Substations	2 Nos
	110 KV lines	297 ct. kms.
C. 66 KV	Substations	12 Nos.
	66 KV lines	177 ct. km.

IV. *Distribution and Rural Electrification*

(Outlay Rs. 2270 lakhs)

To phase out the completion of backlog in distribution, during 1980-81 all pending connections for which minimum guarantee agreements were executed till 1-4-1977 were cleared. An outlay of Rs. 1980 lakhs was provided for distribution and rural electrification for the year 1981-82. The programme is to complete all works for which minimum guarantee agreements have been executed prior to 1-4-1979. In certain Divisions where the quantum of pending line extension works is much smaller it may be possible to complete the works pending upto 31-3-1980, thereby furthering the clearance of the backlogs in distribution to some extent.

Details of works targeted for 1981-82 and the achievements till the end of August 1981 are given below:—

<i>Item</i>	<i>Target for</i> 1981-82	<i>Achievement</i> <i>upto 8/1981</i>
Service Connection	1,50,000	1,00,217
Street Lights	30,000	12,614
Pump Sets Energised	13,000	4,268

It is anticipated that during 1981-82, physical as well as financial targets will be achieved.

For 1982-83 an outlay of Rs. 2270 lakhs is proposed for Distribution and Rural Electrification works. In this an outlay of Rs. 162 lakhs have been proposed for the electrification of Colonies for Scheduled Castes and Scheduled Tribes for 1982-83. Of this provision an amount of Rs. 130 lakhs will be earmarked for inclusion in the Special Component Plan for Scheduled Caste, and Rs. 32 lakhs for electrification of Tribal Colonies. Another Rs. 259 lakhs is proposed to be mobilised outside the Plan from ARDC and SPA for energisation of agricultural pumpsets.

The execution if necessary system improvement works in the Distribution Sector could be taken actively only after completing the large quantum of pending works. It is proposed to carry out the following works during 1982-83.

Service Connections	1,80,000
Pumpsets	13,000
Street lights	30,000
Electrification of Harijan Colonies	240 Nos.
Electrification of Tribal Colonies	60 Nos.

Master Plan works sanctioned for the three cities of the State will also be taken up and implemented, to the extent funds are available.

As against the Sixth Plan targets of providing 12 lakh service connections raising 2 lakhs street lights and energising 69,000 pumpsets, by 1982-83 it is expected that 5,70,000 service connections, raising of 1 lakh street lights, and energisation of 40,000 pumpsets will be achieved.

5. INDUSTRY AND MINERALS

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5.1 Village and Small Industries

Promotion of new industrial units based on technologies appropriate for the resource endowments, setting up of new industrial units in the less developed areas, promotion of ancillary small scale ventures, prevention of the shifting of labour intensive traditional industries like cashew, coir and handloom, and promotion of village and household industries are among the major objectives of industrial development in the Sixth Plan. The tempo of activities under village and small industries will be considerably stepped up during the Annual Plan 1982-83.

A. Small Scale Industries

In view of its large employment potential, small scale industries sector has major role in solving the unemployment problem of the State. About 16,000 small scale industrial units have been registered with the State Directorate of Industries and Commerce as at the beginning of the Sixth Five Year Plan period. About 14,000 new units having an employment potential of one lakh are proposed to be started during the Sixth Plan period. Small Scale Industries in the State are beset with problems like shortage of raw-materials, lack of finance, inadequacy of marketing facilities, lack of entrepreneurial talent etc. Because of these and other problems several small scale industrial ventures have turned out to be sick units within a short period of their commencing production. The State Government have initiated several programmes for the promotion of small scale industries, like State investment subsidy, seed capital, technical assistance, supply of scarce raw materials, share capital contribution to industrial co-operatives, marketing assistance etc. Steps have been taken to establish nucleus industrial complexes in the Districts of Alleppey and Malappuram in order to foster the growth of ancillary units or downstream units or both around the nucleus industries. It is also proposed to create a cadre of professional managers for industrial co-operatives as part of a programme of revitalisation of industrial co-operative societies. The following schemes have been proposed for the Annual Plan 1982-83.

I. Departmental Administration

(Outlay Rs. 36 lakhs)

The State Department of Industries and Commerce is the agency entrusted with the task of developing small scale industries. For the efficient supervision of the plan schemes relating to this sector, the Departmental Organisation has to be suitably strengthened. Setting up of a Project Cell in the Directorate for preparing a shelf of small industries projects, strengthening of the Monitoring Cell, strengthening and re-organisation of the taluk level set up of the Department and training of Departmental Officers are the programmes envisaged under this scheme.

II. District Industries Centres—State Share

(Outlay Rs. 92.80 lakhs)

District Industries Centres are the main promotional agencies for the development of small scale industries. The outlay provided under this scheme, besides meeting the cost of staff and other expenditure

of the District Industries Centres, is meant for implementing schemes like issue of grant and loan to industrial co-operatives, loan for hire-purchase of machinery, grant for construction of factory etc. in the erstwhile Rural Industries Project areas. The outlay also includes provision for construction of buildings for District Industries Centres.

III. Industrial Co-operatives

1. Managerial, Technical and other Assistance to Industrial Co-operatives

(Outlay Rs. 1 lakh)

In order to make the small scale industrial co-operatives stand on their own, assistance by way of managerial grant for a period of four years, grant to the extent of 50 per cent of the cost of machinery and equipment, 50 per cent of the rent for the first two years, allowance towards wastage of raw materials and grant for the purchase of furniture are given. The Plan provision is for the continuance of the scheme.

2. Grant towards Contribution to Reserve Fund

(Outlay Rs. 0.50 lakh)

As part of the revitalisation programme of the industrial co-operative societies, it is proposed to extend financial assistance to augment their reserve fund, so that they may become eligible to avail of institutional finance towards working capital.

3. Survey, Revitalisation and Monitoring of Viable and Potentially Viable Co-operative Societies

(Outlay Rs. 20 lakhs)

A survey of small scale industry and handicraft societies has already been conducted. Based on the findings of this survey, the present scheme aims at revitalising potentially viable societies, strengthening the viable societies and liquidating the non-viable ones. Three hundred and eighty-nine industrial co-operative societies have been identified according to the survey as potentially viable and requiring immediate financial assistance. The outlay provided is intended among other things, for giving financial assistance to these industrial co-operative societies by way of share capital loan, working capital loan, grant to write off loss, loan and grant for construction of worksheds, subsidy for excise duty, Government share participation etc.

4. Interest Subsidy to Industrial Co-operative Societies.

(Outlay Rs. 1 lakh)

The Reserve Bank of India scheme of financing the small scale industries has been in force since 1977-78. The Co-operative Banks are making available term loans as well as working capital and other loans from their own funds to the small scale industrial co-operative societies. The Kerala State Co-operative Bank is also making available term loans to the district mini industrial co-operative societies for construction of buildings. These loans bear rates of interest much less than the normal lending rates of these financing banks. The plan outlay provided for 1982-83 is for meeting the difference between the normal lending rates of these financial institutions and the reduced rate at which these industrial co-operative societies are financed.

5. *Share Participation in Small Scale Industrial Co-operative Societies*

(Outlay Rs. 10 lakhs)

In order to strengthen the equity base of the small scale industrial co-operative societies, Government's share participation is essential. The ratio of share participation between government and the members will be fixed by the Government from time to time.

6. *Formation of an Apex Society for small Scale Industrial Co-operative Societies*

(Outlay Rs. 5 lakhs)

It is proposed to organise an Apex Society for small scale industrial co-operative societies with all the existing primary societies as members. The Apex Society would assist the primary societies in procuring raw materials, marketing of finished products and in other technical matters. The outlay provided is for giving share capital contribution and managerial assistance to the proposed Apex Society.

7. *Creation of Cadre of Professional Managers for Industrial Co-operatives*

(Outlay Rs. 1 lakh)

The industrial co-operative societies have failed to produce the desired result for want of professional managers. It is proposed to appoint professional managers, as a first step, in large industrial co-operative societies which have availed large amounts from government and financial institutions by way of loan etc. Qualified and experienced managerial personnel will also be imparted training in management practices under this scheme. The outlay provided under this scheme is for subsidising the cost of appointment of professional managers and also for imparting training to existing managerial personnel.

IV. *Women's Industrial Programmes:*

1. *Scheme for Women's Industries*

(Outlay Rs. 5 lakhs)

The objective of this scheme is to give incentives to women entrepreneurs to enable them set up industrial ventures. Selected units started by women will be given financial assistance towards expenses incurred on salary, rent, machinery, training etc. according to rules framed for this purpose.

2. *Share Participation in Women's Industrial Societies*

(Outlay Rs. 5 lakhs)

The scheme contemplates Government's share capital contribution to the primary and central 'Vanitha' Societies.

V. *Economic Investigation—Industrial Extension.*

1. *Industrial Information Centre*

{ (Outlay Rs. 2 lakhs)

The objective of this scheme is to equip the information centres established in the Directorate of Industries and Commerce and eleven District Industries Centres with libraries. Reference books of technical

nature will be purchased for these libraries. Publication of the Industries Guide is also included under this scheme.

2. *Aid to Small Industries Associations.*

(Outlay Rs. 1 lakh)

This scheme aims at giving financial assistance by way of grant against recurring and non-recurring expenses incurred by the District level and State level Small Industries Associations including Women's Industries Associations based on the existing rules.

3. *Setting up of Documentation Centre*

(Outlay Rs. 3 lakhs)

It is proposed to establish a scientific system of documentation in the Department to cater to the needs of a large number of people approaching for information. The provision made in the plan is for the establishment of Documentation Centre in the Department.

4. *Subsidy for Publication of Periodicals, Pamphlets etc. for Entrepreneurial Guidance*

(Outlay Rs. 1.50 lakhs)

Pamphlets and information materials prepared by the Industries Directorate for the benefit of the industrialists and entrepreneurs are being printed and supplied free of cost by the Public Relations Wing of SIDECO. This Wing has also been entrusted with the task of publication of the monthly magazine 'Vyavasaya Keralam'. It is also proposed to publish a fortnightly news and a tender bulletin and an annual number. The plan provision is to meet the cost of publication of these journals and bulletins.

5. *Study on the Requirement and Availability of Raw Materials for Small Scale Industry Units*

(Outlay Rs. 3 lakhs)

Non-availability of certain raw materials hamper the progress of small scale industries in the State. It is, therefore, proposed to conduct a detailed study on the requirements and availability of raw materials for the small scale industries. The outlay provided is for conducting the study.

VI. *Marketing Assistance and Publicity*

1. *Trade Fairs and Exhibitions*

(Outlay Rs. 5 lakhs)

In order to give wide publicity and propaganda to the industrial products of the state and thereby promote their sales the Industries Department participates in various fairs and exhibitions. The provision made in the plan is for this purpose.

2. *Measures for Export Promotion*

(Outlay Rs. 3 lakhs)

Some of the small scale industrial products have good demand in the foreign markets. But the concerned units experience difficulty in exporting them. Market intelligence on these items will have to be gathered for sales promotion and management through trade delegations. Incentive awards are to be instituted for the best export performance in this sector. In addition to these the scheme envisages conduct of seminars and discussions with the assistance of Export Promotion Councils.

3. *Subsidy for Publicity and Advertisement and other Market Support for Small Scale Industries Products*

(Outlay Rs. 1 lakh)

It is proposed to give subsidy to the small scale industry units towards cost of participation in exhibitions, trade fairs and other publicity measures undertaken in the State.

4. *Subsidy for Registration with Export Promotion Council and with the Indian Standards Institution*

(Outlay Rs. 1 lakh.)

This scheme is to subsidise the fees for registration/renewal, marking fee, subscription etc. with Export Promotion Councils and for providing loan and grant for setting up laboratories/purchase of testing equipments for certification by Indian Standards Institution, Agmark and such other agencies.

5. *Marketing Organisation for Small Scale Industries*

(Outlay Rs. 20 lakhs)

One of the major problems in the small scale sector is marketing of the products. The functions of the marketing division of the Small Industries Development and Employment Corporation are limited while the number of small scale industrial units increases every year. It is proposed to organise a Marketing Corporation exclusively for marketing small scale industry products within and outside the State. Provision made in the plan is for the implementation of this scheme.

VII. *Technical Assistance and Training Programme*

1. *Subsidy for Project Reports and Technical know-how*

(Outlay Rs. 2 lakhs)

Detailed Project Reports are indispensable for starting industries especially when institutional finance and governmental assistance have to be availed of. In many cases the small scale industrial units are unable to meet the cost involved. In such cases it is proposed to subsidise the cost of preparation of project reports. Assistance will also be given for getting technical know-how including adoption of foreign technology suitable for Kerala conditions.

2. *Development of Prototypes in Small Scale Industry Units*

(Outlay Rs. 1 lakh)

The development of prototypes for which considerable expenses is involved, is a problem facing small scale industrialists. The amount proposed is for providing assistance to industrial units for the development of prototypes or fabrication of models or for setting up pilot plants with a view to promoting local talents and inventive intelligence.

3. *Entrepreneurial Development and Training Programme*

(Outlay Rs. 5 lakhs)

It is proposed to give stipendary inplant training/job oriented training to entrepreneurs and selected workers under an entrepreneur development scheme. The outlay proposed is for meeting the expenditure for conducting the training programme.

4. *Modernisation Subsidy.*

(Outlay Rs. 1 lakh)

Modernisation of obsolete plant and machinery in small scale industries is essential to increase productivity and to make their products competitive in the market. It is proposed to subsidise the cost of such modernisation as an incentive to small units.

5. *Kasargod Development*

(Outlay Rs. 2 lakhs)

This scheme aims at giving financial assistance to entrepreneurs to set up industrial units in the Kasargod area as part of Kasargod Development Scheme for construction of factory sheds and purchase of machinery under RIP pattern.

6. *Training and Interest Free Loan to Young Entrepreneurs*

(Outlay Rs. 40 lakhs)

This scheme envisages stipendary training and interest free loans to young entrepreneurs. The participants will be given stipend during the period of training and on successful completion of the training interest free loan up to a maximum of Rs. 5,000 would be made available for setting up industries. The scheme also includes provision for giving grants to such agencies/organisations/institutions who come forward to conduct such training camps on the basis of the syllabus and rules approved by the Department.

7. *Industrial Academy*

(Outlay Rs. 1 lakh)

One of the reasons for the increasing number of sick small scale industrial units is that most of the entrepreneurs do not have the necessary managerial talents. Hence it is proposed to establish an Industrial Academy to train young managers capable of identifying and solving the problems faced by small scale industries in the State. The Academy will provide managerial expertise and technical know-how to young entrepreneurs. The outlay proposed is for meeting the expenditure in connection with the functioning of the Academy.

VIII. *Assistance to SIDECO and KFC*

1. *Expansion of Ceramic Service Centre*

(Outlay Rs. 4 lakhs)

The Government Ceramic Service Centre Mangattuparamba is managed by SIDECO on an agency basis. The amount provided is for the reimbursement of the expenditure incurred by SIDECO for running the Ceramic Service Centre, payment of the managing agency commission, meeting the expenditure on maintenance and purchase of balancing machinery and equipment.

2. *Share Participation in Small Industries Development and Employment Corporation*

(Outlay Rs. 10 lakhs)

SIDECO provides financial and other promotional assistance for the development of small scale industrial units. The provision is for share participation of Government in the Corporation.

3. *Industrial Complexes*

(Outlay Rs. 2 lakhs)

A number of Industrial Complexes—functional and otherwise—are to be established in the State. Each complex will have a number of member units and will be complementary to each other having considerable interdependence. Acquisition and development of land, construction of buildings and other package of assistance will be provided to selected entrepreneurs. SIDECO will be the implementing agency for this scheme for which an outlay of Rs. 2 lakhs is made in the 1982-83 Annual Plan.

IX Promotional Programmes

1. *Seed Capital to Entrepreneurs to Start Industries*

(Outlay Rs. 23.20 lakhs)

The objective of this scheme is to give financial assistance to these entrepreneurs who are unable to raise margin money from their own resources. The financial institutions help them by giving 70 to 80 per cent of their capital requirements. The scheme proposes to assist these entrepreneurs by advancing a portion of the margin money as soft loan, subject to a maximum of 50 per cent of the margin money insisted by the financing institutions. In exceptional cases when the margin money insisted by financial institutions is above 20 per cent and the entrepreneur is incapable of raising the margin above 10 per cent, Government will consider the advance of the balance margin above 10 per cent up to a maximum of 20 per cent of the capital required. The outlay made in the plan is for this purpose.

2. *State Investment subsidy*

(Outlay Rs. 30 lakhs)

A State investment subsidy of 10 per cent of the capital investment subject to a maximum of Rs. 10 lakhs will be given to small scale industrial units in all the districts of the State except the three districts of Cannanore, Malappuram and Alleppey where the Central investment subsidy of 15 per cent will be available. The subsidy is available to industries for diversification/expansion or fresh investment from 1-4-1979. An amount of Rs. 30 lakhs is earmarked for the scheme in 1982-83.

3. *Revitalisation of Sick Small Scale Industrial Units*

(Outlay Rs. 50 lakhs)

The objective of the scheme is to provide assistance for the revival of sick small scale units. SIDECO is the implementing agency for this scheme. The outlay set apart is for this purpose.

X. Other Schemes:

1. *Subsidy for the Construction of Mini Industrial Estates*

(Outlay Rs. 4 lakhs)

The cost of construction of sheds in mini industrial estates increases year after year due to escalation in the cost of materials and labour and consequently the rate of rent realisable from the entrepreneurs/industrialists also increases. Subsidy at the rate of Rs. 50,000 per

estate is given towards construction of the sheds so as to bring down the rent/hire purchase value payable by the entrepreneur/ industrialist. The plan provision is for payment of subsidy to the new estates.

2. *Interest Subsidy to Small Scale Industrial Units.*

(Outlay Rs. 3 lakhs)

Entrepreneurs starting industrial units in mini industrial estates can avail of term loans from Banks/ financial institutions at subsidised rate of interest. The provision is to subsidise the difference between the normal rate of lending of the financial institutions and the reduced rate at which the entrepreneurs are given loan.

3. *Central Tool Room at Palghat and Ernakulam*

(Outlay Rs. 10 lakhs)

In order to supplement the gap in production of tools required for various industries, it is proposed to establish two tool rooms in the State. A major tool room and training centre at Palghat at an estimated cost of Rs. 108 lakhs and another sub centre for tool making at Ernakulam costing Rs. 28 lakhs, are proposed. The outlay is for initial expenditure relating to the scheme.

4. *Field Testing Stations—Land and Buildings*

(Outlay Rs. 3 lakhs)

It is proposed to establish three field testing stations in the State, one rubber testing laboratory at Changanacherry, one clay based products testing laboratory at Cannanore and one foundry, forge and engineering goods testing laboratory at Palghat. This scheme will help to bring the testing facilities of industrial products within easy reach of small scale entrepreneurs and thereby help them improve the quality of their products. The outlay proposed is for providing land and buildings for establishing the field testing stations. Other expenditure will be met by central Government.

5. *Nucleus Industrial Complexes*

(Outlay Rs. 15 lakhs)

It is proposed to establish Nucleus Industrial Complexes in Alleppey and Malappuram Districts which are expected to foster the growth of a large number of ancillary and/or downstream units around them. Infrastructure requirements such as land, power, water supply, road etc. will have to be provided so that the nucleus plants can come up within the shortest possible time. The scheme is to be implemented through KSIDC or other managing agencies. The provision is for meeting the capital cost of the land both for nucleus plants and their ancillary units, providing infrastructural needs and also for meeting the establishment charges for monitoring and implementing the schemes. Assistance from Central Government is expected for infrastructure development.

6. *Interest-free Sales Tax Loan to Small Scale Industrial units*

(Outlay Rs. 5 lakhs).

The State Government have exempted all small scale industrial units set up on or after 1-4-1979 from

payment of sales tax for a period of 5 years from the date of production subject to a limit of 90 per cent of the fixed capital investment of the unit. It is proposed to give some sort of assistance to industrial units started prior to 1-4-1979 also in the form of loan. The amount provided is to give interest free loans to such small scale industrial units for expansion of activities/working capital requirements to the extent of sales tax actually paid to be ascertained on the basis of certificates obtained from the sales tax authorities.

B. Industrial Estates

In Kerala the programme of industrial estates was started during the Second Five Year Plan period with the objective of providing employment opportunities to the educated unemployed youth. By the end of the Third Plan, 18 industrial estates were set up in the State. During the Fourth Five Year Plan period emphasis was given for setting up development plots rather than conventional type of industrial estates, in view of the huge construction costs involved and the locational disadvantages of certain estates. At present there are 19 conventional industrial estates and 10 development plots. The following schemes are proposed for the Annual Plan 1982-83.

1. Common Facility Service Centre, Changanacherry

(Outlay Rs. 1 lakh)

The amount provided is for capital investment, purchase of raw materials and stores, payment of wages to workers etc.

2. Functional Industrial Estate for Leather

(Outlay Rs. 1 lakh)

It is proposed to establish a functional industrial estate exclusively for leather at Kasargode where there is a concentration of leather tanning units. The plan outlay is to meet the expenditure for this estate.

3. Rent Subsidy on Industrial Estates

(Outlay Rs. 0.50 lakh)

Sheds in the industrial estates are allotted to deserving entrepreneurs for running industrial units on rent-free basis for a period of five years. The provision made is to reimburse the rent to SIDECO which is running the industrial estates.

4. Providing Additional Facilities in the Existing Development Plots

(Outlay Rs. 10 lakhs)

The outlay proposed is to meet the expenditure for carrying out the development works such as construction of new roads, improvements to existing roads, provision of water supply and electricity facilities, construction of administrative buildings, provision of telephones, banking facilities etc., in the existing development plots in the State.

5. Harijan Development and Tribal Programmes

(a) Industrial Estate for Harijans

(Outlay Rs. 4 lakhs)

The scheme is for the development of the industrial estate at Thonnakkal which will consist of a

number of small scale industrial units with common amenities. Sheds will be allotted to selected harijan entrepreneurs on rent-free basis for a period of ten years. Machinery will be supplied on hire purchase basis. The entrepreneurs will be given interest free working capital loan upto Rs. 10,000 per individual entrepreneur.

(c) Stipendary Training for SC/ST

(Outlay Rs. 1 lakh)

To encourage people belonging to scheduled caste/scheduled tribe enter the field of industry, stipendary training in industrial management is given to them. The provision made in the Plan is to pay stipend to trainees and to meet the expenses connected with the training.

(d) Tribal Area Sub Plan

(Outlay Rs. 1 lakh)

The amount provided is to promote industries benefiting people belonging to scheduled tribes in Punalur, Idukki, Nilambur, Manantody and Attappady Areas.

(e) Loan to Harijan Entrepreneurs

(Outlay Rs. 15 lakhs)

The objective of the scheme is to give loan assistance to Harijan entrepreneurs, engaged in small scale or traditional industries, who are unable to raise the required capital. No interest will be charged on loans up to Rs. 10,000 for fixed assets or working capital. This scheme is being implemented through the DICs.

6. New Development Plots including those in Backward Areas

(Outlay Rs. 15 lakhs)

The proposed amount is for acquisition of land for industrial purposes both in the forward and backward areas. The expenses for providing infrastructure facilities are also to be met from this amount.

7. Functional Industrial Estate for Rubber at Malappuram

(Outlay Rs. 2 lakhs)

It is proposed to set up a functional industrial estate at Malappuram to promote the growth of rubber-based industries. The outlay provided is for acquisition of land, provision of infrastructure facilities and for setting up a Common Facility Service Centre for the industrial estate.

8. Functional Industrial Estate for Ceramics, Mangattuparamba

(Outlay Rs. 1 lakh)

It is proposed to set up a Functional Industrial estate for Ceramics at Mangattuparamba with tunnel kiln and Common Facility Service Centre. A portion of the land required for the Centre is available at the Common Facility Service Centre, Mangattuparamba. Additional land has to be acquired and developed, water supply, electricity and other facilities provided before the plots are allotted to individual entrepreneurs. The outlay provided is for acquisition of land, provision

of infrastructure facilities, setting up of a Common Facility Service Centre with tunnel kiln, quality control facilities etc.

C. Handloom Industry

Handloom, the second largest traditional industry in Kerala, is employing over 2 lakh persons in the rural and semi urban areas of the State. Handloom development programmes aim at bringing at least 60 per cent of the workers under the co-operative fold in order to ensure better wages, improved productivity and easy marketing of products. Financial assistance by way of equity and loan is given to the primary weavers' co-operative societies and the two apex organisations viz., the Kerala State Handloom Weavers' Co-operative Society and the Kerala State Handloom Development Corporation. As a result of the development programmes the industry could be rehabilitated to some extent and its productive capacity improved. But the problems of soaring prices of raw-materials, accumulation of unsold stock, competition from the organised mill sector etc., still continue to persist in this sector. The Sixth Plan programmes aim at tackling most of the problems that beset the industry. The production of handloom cloth in the State is expected to increase from 95 million metres at the end of 1980-81 to 124 million metres at the end of 1981-82 and to 130 million metres at the end of 1982-83. The following schemes are proposed in the Annual Plan 1982-83 under handloom industry.

1. Expansion and Organisation of Weavers' Industrial (Factory Type) Co-operative Societies—(State Share)

(Outlay Rs. 20.32 lakhs)

This scheme aims at bringing more weavers having no looms of their own under the co-operative fold. Weavers thrown out of private factories can also be absorbed in these societies. Facilities such as land, building, working capital etc., are proposed to be provided to such societies. The outlay proposed is for giving financial assistance to new societies as well as for the expansion of existing societies.

2. Services of Departmental Personnel

(Outlay Rs. 0.60 lakh)

It is proposed to continue the scheme of providing free services of Departmental Officers posted as Paid Secretaries as part of revitalising weak societies. The provision made is for meeting the pay and allowances of these officers.

3. Modernisation of Looms—State Share

(Outlay Rs. 4 lakhs)

This scheme will cover programmes such as assistance to handloom weavers' co-operative societies to introduce new production pattern, conversion of pitlooms into framelooms etc. Twenty-five per cent of the cost will be borne by the beneficiaries.

An amount of Rs. 0.50 lakh is set apart for inclusion in the Special Component Plan.

4. Warehouse Loan to Primary Weavers' Co-operative Societies

(Outlay Rs. 2.50 lakhs)

The scheme is for issue of loans to primary weavers' co-operative societies for the construction of warehouses and godowns for stocking raw-materials and finished products.

5. Quality Control

(Outlay Rs. 0.25 lakh)

The Plan provision is for meeting the expenditure towards the cost of equipment, chemicals etc., required in 30 quality control depots.

6. Share Capital Loans to Weavers in Primary Weavers Societies—State Share

(Outlay Rs. 0.60 lakh)

The scheme is intended to give financial assistance to weavers to fully contribute the value of their shares and thereby increase the borrowing capacity of primary weavers' co-operative societies. The Central Government will provide 50 per cent matching contribution for this scheme.

7. Construction of Workshops/Godowns by Apex/Regional and Primary Weavers' Societies—State Share

(Outlay Rs. 10 lakhs)

The National Co-operative Development Corporation is giving financial assistance for the construction of godowns and showrooms by the Apex Society and also for construction of workshops and supply of looms and accessories by the primary weavers' co-operative societies. The outlay provided is for meeting State's share being 20 per cent of the cost of implementing the scheme.

8. Expansion of Dye Houses and Establishment of New Ones

(Outlay Rs. 1 lakh)

The provision is for meeting the expenditure required for the expansion of existing dye houses and establishing new ones under the primary weavers' co-operative societies.

9. Training for Weavers

(Outlay Rs. 1 lakh)

For the diversification of production in handloom industry the weavers are to be trained in advanced techniques of weaving using improved appliances. The provision is to meet the expenditure on training of weavers including stipend to trainees.

10. Training of Employees of Weavers' Co-operative Societies

(Outlay Rs. 0.05 lakh)

Efficient and trained staff are essential for the proper functioning of the Societies. The provision is for imparting training to the employees of co-operative societies in subjects like co-operation, salesmanship, weaving, dyeing, bleaching etc.

11. *Handloom Houses*

(Outlay Rs. 0.60 lakh)

The scheme is for giving financial assistance to the State Handloom Apex Society to open new handloom houses in major cities in and outside the State.

12. *Subsidy for Payment of Rebate on Sale of Handloom Cloth-State Share*

(Outlay Rs. 106 lakhs)

Accumulation of unsold stocks is a major problem facing handloom industry. The scheme of giving subsidy on sale of handloom cloth in order to boost sales is proposed to be continued. The rebate is now allowed for sale of handloom cloth for primary and apex handloom co-operative societies and Handloom Development Corporation. The provision made in the Plan is for reimbursement of rebate allowed by the societies in the sale of handloom cloth.

13. *Publicity and Propaganda*

(Outlay Rs. 10.55 lakhs)

The provision made in the Plan is to meet the expenditure on advertisement through mass media and subsidy for participation of the primary weavers' societies, Apex Society and the Handloom Development Corporation in exhibitions. It is also proposed to open an office in a suitable city in any of the European Countries for exploring market for handloom in those areas and to send trade delegations abroad under the scheme.

14. *Subsidy to Co-operative Bank Against Loss of Interest*

(Outlay Rs. 8 lakhs)

This scheme is for providing subsidy to co-operative banks to recoup the loss of interest incurred by them as a result of making available R. B. I. credit to Apex Society and primary societies at reduced rate of interest.

15. *Pilot Centre for Reserve Bank of India Scheme*

(Outlay Rs. 0.30 lakh)

The Plan provision is to meet the expenditure on staff in the Pilot Centre at Trivandrum and Cannanore for the implementation of Reserve Bank of India Scheme of handloom finance.

16. *Grant to State Handloom Weavers' Apex Society*

(Outlay Rs. 0.30 lakh)

The provision under this scheme is for giving managerial grant to the State Handloom Weavers' Apex Society.

17. *Training of Departmental Personnel*

(Outlay Rs. 0.20 lakh)

The provision proposed is for meeting the expenditure for imparting training to Departmental Officers in co-operative and technical aspects of handloom industry and business management in various institutions both inside and outside the State.

18. *Subsidy for the Cost of Bank Inspectors*

(Outlay Rs. 1.50 lakhs)

The outlay proposed is for giving subsidy to the co-operative banks towards the cost of appointing Bank Inspectors for the implementation of Reserve Bank of India Scheme of handloom finance.

19. *Weavers' Common Facility Centre*

(Outlay Rs. 1 lakh)

The Plan provision is for meeting the expenditure for continuing the Common Facility Service Centre at Balaramapuram, run by the State Handloom Apex Society and also for starting additional Common Facility Service Centres.

20. *Share Contribution to Handloom Apex Society—State Share*

(Outlay Rs. 9.50 lakhs)

The amount provided is for raising the share capital base of Handloom Weavers' Apex Society. An equal amount of share capital is expected from Government of India.

21. *Intensive Development Projects for Handloom*

(Outlay Rs. 43 lakhs)

The outlay provided is to meet the expenditure required for implementation of various schemes started under the Intensive Development Projects for Handloom established at Cannanore and Trivandrum. Under these two projects schemes like organising factory type weavers' co-operative societies, modernisation of looms, setting up of common facility service centres etc. are in progress.

22. *Revitalisation of Languishing Weavers' Co-operative Societies*

(Outlay Rs. 0.60 lakh)

The outlay is for providing working capital loans to handloom weavers' co-operative societies for revitalisation.

23. *Government participation in the Share Capital of Primary Weavers' Co-operative Societies*

(Outlay Rs. 11 lakhs)

The scheme aims at participation by the Government in the share capital of primary weavers' co-operative societies in order to strengthen the share capital base of these societies so that more looms are brought into the co-operative fold. Matching assistance from Government of India is available for this scheme. Out of the total State sector outlay of Rs. 11 lakhs an amount of Rs. 2 lakhs is earmarked for the Special Component Plan for Scheduled Castes.

24. *Mobile Vans and Trucks*

(Outlay Rs. 6 lakhs)

The Plan provision proposed is for giving grant to the Handloom Development Corporation, State Apex Society and Primary Societies for acquiring mobile vans and trucks for transportation and sale of handloom cloth.

25. *Kerala Handloom Development Corporation—State share*

(Outlay Rs. 7 lakhs)

The outlay is meant for share capital contribution of the State Government to the State Handloom Development Corporation. Matching contribution from Government of India is anticipated.

26. *Renovation of Weavers' Houses*

(Outlay Rs. 3 lakhs)

The scheme is for giving financial assistance for the renovation of weavers' residential houses. Of the total outlay of Rs. 3 lakhs an amount of Rs. 0.75 lakh is set apart for the Special Component Plan.

27. *Managerial Assistance to Primary Handloom Societies—State Share*

(Outlay Rs. 5 lakhs)

The scheme is to provide financial assistance towards administrative support to weavers' co-operative societies. Government of India will also make equal matching contribution under this scheme. An amount of Rs. 0.50 lakh is set apart for inclusion in the Special Component Plan as the State's share for the scheme.

28. *Contributory Thrift Fund*

(Outlay Rs. 1 lakh)

The outlay is for giving contribution by the State Government to the Weavers' Thrift Fund formed in the societies by deducting a small percentage of wages of the weavers.

29. *Strengthening of Staff in the Directorate and Sub Offices*

(Outlay Rs. 2 lakhs)

The amount provided is to meet the expenditure for appointment of additional staff in the Directorate and Sub Offices to cope with the additional work-load in implementing Plan schemes aimed at Co-operativisation of 60 per cent of the looms in the State.

30. *Training of Scheduled Castes and Scheduled Tribes in Handloom Weaving (Special Component Plan)*

(Outlay Rs. 6.55 lakhs)

The amount provided is to meet the cost of intensive training of scheduled caste and scheduled tribe members in handloom weaving. This is part of the Special Component Plan for scheduled castes (Rs. 5.05 lakhs) and Tribal Sub Plan (Rs. 1.50 lakhs).

31. *Organisation of Handloom Weavers' Co-operative Societies for Scheduled Castes and Scheduled Tribes*

(Outlay Rs. 8.47 lakhs)

The scheme which is part of the Special Component Plan and Tribal Sub Plan aims at organisation of Weavers' Industrial Co-operative Societies exclusively for Scheduled Castes and Scheduled Tribes. An amount of Rs. 7 lakhs will be included under the Special Component Plan and an amount of Rs. 1.47 lakhs in the Tribal Sub Plan.

32. *Award of Scholarship to Children of Weavers*

(Outlay Rs. 0.25 lakh)

The provision is to issue stipend to children of weavers to undergo the Diploma Course in the Indian Institute of Handloom Technology at Salem.

33. *Establishment of Market Research, Planning and Monitoring Wing*

(Outlay Rs. 2 lakhs)

The provision is to continue the existing Market Research Wing in the Handloom Directorate. This Wing is proposed to be strengthened to take up the work of planning and monitoring of schemes for handloom development.

34. *Grant to Write-off Bad Debt/Loss of Weak Primary Weavers' Co-operative Societies/Central Co-operatives*

(Outlay Rs. 1 lakh)

The scheme is for reimbursement of the losses incurred by the Co-operative Central Banks due to irrecoverable arrears of loan sanctioned to weavers' co-operative societies. The loss is shared by the Government of India, the State Government, the State Co-operative Bank and the Central Bank. The outlay provided is for payment of State's share.

35. *Purchase and Distribution of Looms to Loomless Weavers*

(Outlay Rs. 2.85 lakhs)

The scheme is for giving assistance through the concerned Co-operative Societies for the purchase and distribution of looms to the loomless weavers. The Government of India will provide an amount equal to the State Government contribution. Of the total amount earmarked an amount of Rs. 0.60 lakh will be for Special Component Plan of Scheduled Castes and Rs. 0.25 lakh for the Tribal Sub Plan.

36. *Interest Subsidy to the Kerala State Handloom Development Corporation and Apex Society on Account of Special Credit Accommodation, Working Capital Loan etc.*

(Outlay Rs. 6 lakhs)

The provision is intended to assist the Handloom Development Corporation and the Handloom Apex Society by subsidising the high rate of interest charges by commercial banks for the cash credit availed by

These institutions for purchasing accumulated stock of handloom cloth.

37. Establishment of an Institute of Textile Technology

(Outlay Rs. 1 lakh)

There is considerable dearth of qualified technical personnel in the handloom sector. The provision is for establishing an Institute of Handloom Textile Technology in the State to impart advanced training in the field of handloom textile technology.

D. Powerloom Industry

In the Sixth Plan the approved outlay for powerloom is Rs. 30 lakhs. An amount of Rs. 6 lakhs has been proposed in the Annual Plan (1982-83) for this sector. The following schemes are included in the Plan.

1. Training to Unemployed Youth in Powerloom Weaving

(Outlay Rs. 0.50 lakh)

Powerloom complexes are being established with a view to providing employment to the educated unemployed youth. The provision proposed is for giving assistance to open training centres attached to the complexes, for meeting the recurring and non-recurring expenditure and also for giving stipend to the trainees.

2. Managerial Grant to Powerloom Weavers' Co-operative Societies

(Outlay Rs. 0.50 lakh)

The provision is for giving managerial grant to the newly organised as well as existing powerloom weavers' co-operative societies to meet the cost of managers and other employees.

3. Share Participation in the Powerloom Weavers' Co-operative Societies

(Outlay Rs. 1.50 lakhs)

The outlay set apart is to participate in the equity capital of powerloom weavers' co-operative societies in order to help them build up their fixed assets and avail of greater credit facilities.

4. Organisation of Powerloom Weavers' Co-operative Societies

(Outlay Rs. 0.50 lakh)

The provision is for giving assistance to the newly organised powerloom weavers' co-operative societies for the purchase of land, looms and accessories and also for construction of buildings.

5. Revival of Dormant Powerloom Weavers' Co-operative Societies

(Outlay Rs. 2 lakhs)

A detailed study is being conducted by an expert team to find out the difficulties faced by the dormant

powerloom weavers' co-operative societies and to suggest measures to improve the working of these institutions. The outlay is for giving assistance to the societies for revival and efficient functioning.

6. Establishment of Weavers' Service Centre for Powerloom

(Outlay Rs. 1 lakh)

The Central Government has agreed to establish a weavers' training centre for powerloom in the State, provided the State Government makes available land and building for the Centre. A token provision of Rs. 1 lakh is proposed in the annual plan 1982-83 towards cost of land and building for the proposed centre and for payment of rent for the building where the centre is to start functioning.

E. Khadi and Village Industries

(Outlay Rs. 70 lakhs)

The Kerala State Khadi and Village Industries Board has been implementing schemes relating to Khadi and eighteen other village industries with the financial assistance it receives from the Khadi and Village Industries Commission. The Board organises Co-operative Societies for the development of Khadi and village industries. At present there are about 500 such societies and institutions working in this sector employing nearly one lakh of persons. The State Board has formulated schemes for providing additional employment to one lakh persons through Khadi and eight selected village industries.

During 1981-82 the Board has started construction of 225 workshops, of which 110 sheds have been completed and the construction of the remaining 115 sheds is expected to be completed by the end of the year. The Board has programmed for construction of another 200 sheds during 1982-83. The Board also proposes to construct a major dye house and to start 6 Khadi Bhavans at various district headquarters of the State. The outlay proposed for 1982-83 is for giving grant to the Kerala Khadi and Village Industries Board for implementing the above programmes and to meet establishment charges of the Board including managerial/training grant for production centres.

F. Handicrafts

About 40,000 persons are employed in handicrafts like ivory, wood and horn carving, bell-metal casting, lapidary, cane and rattan work, bamboo and reed weaving, jewellery etc. The total annual production of handicrafts in the State is estimated to be of the order of Rs. 400 lakhs. The major problems facing the craftsmen are scarcity of raw materials like wood, ivory, horn etc., difficulties in marketing the finished products exploitation by middlemen etc. The schemes under this sector aims at bringing the craftsmen into the co-operative fold by revitalising existing handicraft co-operative societies and organising new ones, supply of raw-materials imparting advanced training and welfare measures. The following schemes are proposed for the Annual Plan 1982-83 under this sector.

1. *Assistance to Handicraft Co-operatives*

(Outlay Rs. 4 lakhs)

This scheme aims at revitalising the Primary Handicraft Societies and organising new societies. The Primary handicrafts societies and the Handicrafts Apex Society are at present provided with managerial grant-in-aid to meet the establishment charges of a Secretary and a supervisory technical expert. Lump-sum grant for purchase of machinery, tools, furniture etc. is also given to these societies. The outlay provided is for continuance of the scheme.

2. *Kerala State Handicraft Development Corporation*

(Outlay Rs. 10 lakhs)

The aim of the Corporation is to protect the craftsmen from the exploitation of middlemen. The Corporation buys handicraft products directly from craftsmen, offering fair price and sells them through its emporia. The outlay proposed is for share capital contribution to the Corporation.

3. *Artisans' Development Corporation*

(Outlay Rs. 5.50 lakhs)

An Artisans' Development Corporation has been set up in the State for promotion of industrial enterprises of the village artisans. The provision proposed is for giving share capital contribution/working capital loan to the Corporation.

4. *Raw-Material Depots for ivory and rosewood*

(Outlay Rs. 1 lakh)

A raw material depot for ivory and rosewood has been started under the auspices of the Handicraft Development Corporation at Trivandrum and another at Trichur under the Handicrafts Apex Society for the supply of raw materials at fair prices. The outlay provided is for giving financial assistance for these organisations for running the depots.

5. *Training in Handicrafts—Special Component Plan*

(Outlay Rs. 2 lakhs)

Training is imparted to selected persons in simple crafts like papier mache, straw pictures etc. in handicraft co-operative societies. Besides continuing the scheme it is also proposed to give training to artisans to produce new items. The amount provided under this scheme is to pay stipend to trainees and to meet contingent expenditure. Of the total outlay Rs. 0.30 lakh is earmarked for the benefit of Scheduled Castes and Scheduled Tribes.

6. *Mechanisation and Introduction of Modern Tools and Equipments to Craftsmen at Subsidised Rates*

(Outlay Rs. 0.50 lakh)

Use of modern tools and equipments would increase productivity in certain handicraft items. The outlay proposed is for giving subsidy to craftsmen at

the rate of 50 per cent of the cost of machinery and improved tools subject to a ceiling of Rs. 2,000 per craftsman. The share of scheduled castes and scheduled tribes is Rs. 0.20 lakh.

7. *Old Age Pension and Incentive to Craftsmen*

(Outlay Rs. 1 lakh)

Old age pension at the rate of Rs. 100 per month is being given to master craftsmen who have contributed to the traditional crafts of Kerala. The scheme also envisages grant of subsidy to craftsmen for the purchase of tools at 50 per cent of the cost of tools subject to a maximum of Rs. 750 per craftsman. The outlay provided is for the continuance of the scheme. Allocation for scheduled castes and scheduled tribes amounts to Rs. 0.30 lakh.

8. *Share Participation in the Primary Handicraft Societies*

(Outlay Rs. 2 lakhs)

The outlay provided is for Government participation in the share capital of the primary handicraft co-operative societies. Out of the total outlay of Rs. 2 lakhs for the scheme, Rs. 0.30 lakh is set apart for the benefit of scheduled castes and scheduled tribes.

9. *Kerala State Handicrafts Apex Society*

(Outlay Rs. 2 lakhs)

The main function of the Handicrafts Apex Society is marketing of handicraft products originating in the co-operative sector. The amount provided under this scheme is for share capital contribution to the Apex Society.

10. *Incentive to Artisans of Scheduled Castes/Scheduled Tribes for purchase of Tools and Equipments*

(Outlay Rs. 0.50 lakh)

The aim of the scheme is to give incentive to artisans of scheduled castes/scheduled tribes in handicrafts industry. The outlay provided under this scheme is to give 100 per cent subsidy to scheduled caste/scheduled tribe craftsmen for purchase of tools and equipments subject to a maximum of Rs. 750 per craftsman.

11. *Subsidy for Raw Material Depots of Handicraft Corporation and Apex Co-operative Society*

(Outlay Rs. 6 lakhs)

This scheme aims at giving raw materials to the craftsmen at subsidised rates through the raw material depots of the Handicraft Development Corporation of Kerala Limited and the Kerala State Handicraft Apex Society. The State Government have sanctioned 25 per cent subsidy to raw materials sold to craftsman under this scheme. The provision is to reimburse the subsidy to the Corporation and the Apex Society.

12. *Craft Museum*

(Outlay Rs. 1 lakh)

The outlay proposed is for the establishment of a Craft Museum at Trivandrum to give a source of

inspiration and guidance to the future generation of craftsmen. It is proposed to construct a specially designed building with necessary facilities for displaying the items.

13. Interest Subsidy

(Outlay Rs. 1 lakh)

The aim of this scheme is to extend the Reserve Bank of India Scheme of finance to handicraft co-operatives also, just as in the case of handloom co-operatives. The finance will be made available to the Society at 6½ per cent interest by the District Co-operative Banks. The outlay provided is for giving subsidy to the Banks equal to the difference between the normal lending rate of banks and the subsidised rate at which the handicraft co-operative societies are financed.

14. Revitalisation and Organisation of Handicraft Co-operatives Exclusively for Scheduled Castes and Scheduled Tribes

(Outlay Rs. 1 lakh)

The provision is for giving share capital assistance to handicraft co-operatives organised exclusively for scheduled castes/scheduled tribes.

15. Survey of Handicrafts

(Outlay Rs. 0.50 lakh)

The outlay proposed is for conducting a survey to assess the possibilities of developing handicraft industries to study marketing facilities, etc.

16. Propaganda and Publicity

(Outlay Rs. 1.50 lakhs)

Popularisation and marketing of handicraft items can be effectively done by suitable propaganda and publicity. Newspaper advertisements, conducting All India Handicrafts Week celebrations, organising exhibitions, rebate on sales, State Award etc. are the means by which sales promotion is carried out. The outlay proposed is for meeting the expenditure on these sales promotion and publicity measures.

17. Setting up of Common Facility Centre

(Outlay Rs. 1 lakh)

A common facility service centre for wood, ivory etc. is now functioning at Trivandrum with 90 craftsmen. The plan provision is to increase the number of craftsmen in the Centre and the facilities available there and also to start new centres.

18. Documentation and Reproduction of Temple Carvings Folk Crafts etc.

(Outlay Rs. 1 lakh)

The aim of the scheme is to document selected temple carvings and folk art figures in order to reproduce these in wood, papier mache etc. This scheme has considerable commercial value because when the figures are commercially reproduced they will have good demand within the country and abroad. The outlay

proposed is for giving financial assistance to artisans engaged in documentation.

19. Market Research

(Outlay Rs. 0.50 lakh)

Expansion of market for handicraft products in and outside the country is a *sine qua non* for the development of handicraft industry in the State. It is therefore proposed to set up market research cells in the Handicraft Development Corporation and Handicraft Apex Society to study the demand pattern of various handicraft products. The outlay provided is for setting up Market Research Cells in these two organisations.

20. Craftsmen Welfare Fund

(Outlay Rs. 0.50 lakh)

The plan provision is to form guilds of craftsmen and to provide assistance for their activities. It is also proposed under this scheme to assist the Handicraft Development Corporation and the Apex Society to create a Craftsmen Welfare fund to be used for the welfare of handicraft workers.

G. Coir Industry

Coir industry is the most important traditional industry in the State. It employs about five lakh persons in the various activities connected with it. Kerala accounts for about 60 per cent of the total production of coconuts and 85 per cent of the production of coir and coir products in the country. The development programmes so far undertaken during the plan era aimed at revitalisation of coir cooperatives, improvement in quality and product diversification. The restructuring of the industry is proposed to be carried out by revitalising the existing coir cooperative societies and by organising more co-operative societies. At least 60 per cent of the coir workers are proposed to be brought into the co-operative fold by the end of the Sixth Plan period.

The main problems facing coir industry are general scarcity of raw husk and occasional slump in the internal and export markets. Efforts are therefore to be made for procuring more raw husk and for intensifying marketing activities. Almost the entire foreign exchange earned through export of coir and coir products in the country is from Kerala and hence it is expected that the Central Government would extend financial assistance sufficient enough to restructure the industry on a sound footing. The following schemes are proposed for 1982-83.

1. Development of Coir Industry and Husk Control

(Outlay Rs. 26 lakhs)

The provision is for meeting the cost of staff in-charge of implementing various development programmes, including police mobile squads. Expenditure in connection with the travelling allowance of the members of the State Coir Advisory Board and Project Advisory Committees, maintenance of vehicles, rent of Project office, building etc., are also to be met from this outlay.

2. *Interest Subsidy*

(Outlay Rs. 31 lakhs)

The Kerala State Coir Marketing Federation and the coir cooperative societies which satisfy the norms prescribed by the Reserve Bank of India are given cash credit accommodation under the R. B. I. Cash Credit Scheme for their working capital requirements at a concessional rate of interest. Two hundred and seventy coir co-operatives would be availing institutional finance for their working capital requirements during 1982-83. The Marketing Federation has to be provided with larger credits for distress purchase of coir and coir products. The outlay provided is for giving interest subsidy amounting to the difference between the normal lending rate of the financial institutions and the concessional rate at which the societies are provided with their working capital requirements.

3. *Opening of Sales Depots*

(Outlay Rs. 5 lakhs)

Financial assistance is given to the Kerala State Coir Marketing Federation and Coir Manufacturing Societies for opening sales depots in and outside the State, the quantum of such assistance being limited to Rs. 35,000 in the first year and on a tapering basis not exceeding Rs. 7,500 per annum during the subsequent three years. At present there are 24 sales depots in various parts of the country. The provision proposed is for giving financial assistance to existing and new sales depots.

4. *Publicity and Propaganda including Trade Exhibition*

(Outlay Rs. 4.50 lakhs)

As a sales promotion measure the Marketing Federation and the manufacturing societies take part in trade fairs and exhibitions, for which they are paid financial assistance at the rate of Rs. 15,000 for trade fair and Rs. 5,000 for exhibition. The outlay proposed is for continuing the scheme.

5. *Price Fluctuation Fund*

(Outlay Rs. 18 lakhs)

The Reserve Bank of India has stipulated the creation of a 'Price Fluctuation Fund' as a cushion against loss due to fluctuations in price, for those organisations availing institutional finance. The scheme envisages contribution by Government at 5 per cent of the value of outright purchase of yarn for sales within the country and 10 per cent of the value of yarn purchased for export by the Coir Marketing Federation from primaries and manufacturing societies.

6. *Formation of Coir Projects*

(Outlay Rs. 2.50 lakhs)

It is proposed to bifurcate the Quilon Project for better supervision and administrative efficiency. The outlay proposed is for meeting the cost of vehicle, furniture, rent of office building etc.

7. *Welfare Measures*

(Outlay Rs. 6 lakhs)

Financial assistance is given for starting nurseries and creches attached to the coir co-operative societies for the benefit of women workers in the co-operative sector. It is proposed to start 40 nurseries/creches during the Sixth Plan period, of which 24 have already started functioning. Non recurring expenditure like cost of land, building and furniture is fully met by Government and the recurring expenditure like cost of staff and other contingencies is subsidised. The outlay is for giving assistance to existing and new nurseries and creches attached to coir co-operatives

8. *Kerala State Coir Development Corporation—Share Capital Investment*

(Outlay Rs. 6 lakhs)

The outlay is for share capital contribution to the Kerala State Coir Development Corporation, a fully Government owned undertaking which is mainly engaged in the manufacture of coir products.

9. *Loans to Kerala State Coir Development Corporation*

(Outlay Rs. 3 lakhs)

The provision proposed is for giving working capital loan to Kerala State Coir Development Corporation.

10. *Expansion of Coir Co-operatives—Grant-in-aid*

(Outlay Rs. 3.50 lakhs)

The scheme envisages extension of financial assistance to the newly formed coir co-operative societies for meeting the salary and allowances of Secretary and Business Manager. The financial assistance is granted on a tapering basis: 100 per cent for the first year, 66 2/3 per cent for the second year and 33 1/3 per cent for the third year, for three years upto a maximum of Rs. 4500 per annum for paid secretary and Rs. 3900 per annum for Business Manager. The provision is meant to meet the above expenditure.

11. *Godowns for Marketing and Primary Societies—Grant*

(Outlay Rs. 3.50 lakhs)

The outlay is meant for giving subsidy to the coir Marketing Federation and coir co-operative societies for construction of godowns. The maximum limit of subsidy per godown is Rs. 1.25 lakh to the Federation and Rs. 5000 to primary societies.

12. *Coir Co-operatives—Share Capital Contribution*

(Outlay Rs. 48 lakhs)

A strong equity base is an essential prerequisite for availing required institutional finance by the coir co-operative societies. Government participation is, therefore, extended to coir co-operatives for raising the margin money, which will, in turn help to enhance their borrowing power. The existing societies and the societies newly registered are eligible for share participation by government, subject to a maximum of 15 per cent of

the optimum resources. A provision of Rs. 48 lakhs is made in the Annual Plan for the purpose.

13. *Working Capital Loans to Coir Co-operative Societies*
(Outlay Rs. 72 lakhs)

The provision is intended for giving working capital loan to the coir co-operatives which are not ripe for availing institutional finance.

14. *Loans to Coir Co-operatives for Construction of Godowns*
(Outlay Rs. 19 lakhs)

The outlay is for giving loan to coir co-operatives and Marketing Federation for construction of godowns, upto a maximum of Rs. 15,000 per godown to primary societies (including manufacturing) and Rs. 3.75 lakhs in the case of Federation. Possession of godown facilities for safely storing coir and coir products by the societies and Federation is a precondition for availing institutional finance and working capital loan from Government.

15. *Interest-free Loan to Kerala State Coir Marketing Federation for Distress Purchase of Coir Products*
(Outlay Rs. 12 lakhs)

At the time of slump in the market stocks of coir and coir products are accumulated in the co-operatives, rendering the working of the societies impossible and throwing thousands of workers out of employment. In such situations the Marketing Federation has to resort to distress purchase of coir and coir products from primary and manufacturing societies for the continued working of these societies. The plan outlay is for giving interest-free loan to the Marketing Federation for distress purchase of coir and coir products.

Others

II. *Bamboo Industry*

Kerala State Bamboo Industries Corporation—Special Component Plan for Scheduled Castes

(Outlay Rs. 20 lakhs)

The Kerala State Bamboo Corporation, with its headquarters at Angamali, is engaged in the collection of bamboo and reeds from the forest areas, their distribution to workers and collection and marketing of finished goods. About 3 lakhs of traditional workers are engaged in this industry. The objective of the Bamboo Development Corporation is the development of Bamboo-based traditional industries and the welfare of the workers engaged in it. The beneficiaries of the schemes sponsored by the Corporation are Harijans, Girijans and others who are socially and economically backward.

The Corporation, at present, runs 55 distribution/procurement depots and 7 reeds collection centres. The Corporation has only 21,000 square metres of covered storage space to stock the raw-materials and finished goods. During 1982-83 the Corporation proposes to open 5 new raw-material depots and to start the

construction of Administrative Block and two pucca godowns of size 50M x 20M with the aim of completing the construction during the Sixth Five Year Plan period itself. Government have accorded sanction to the Corporation for starting a diversification project for converting bamboo mats into a value added sophisticated panelling material, at a total cost of Rs. 105.74 lakhs and the work on the project has commenced. The outlay proposed is for giving financial assistance in the form of equity and loan to the Bamboo Corporation for implementing the above schemes.

I. *Beedi Industry*

The primary beedi-co-operative societies in the State are functioning under the Central Co-operative Society (Dinesh Beedi Co-operative Society) Cannanore. The Central as well as the primary societies will be assisted by way of share participation, managerial assistance and loan for construction of sheds. More central beedi-co-operative societies would be organised for administrative convenience. The following schemes are proposed under beedi industry for the Annual Plan 1982-83.

1. *Share Participation in Central and Primary Beedi Societies*
(Outlay Rs. 1 lakh)

The amount provided is for giving share capital contribution to the Dinesh Beedi Co-operative Society, Cannanore, and primary beedi societies in order to enable them to acquire more working capital and other assets.

2. *Managerial Assistance to Primary Beedi Societies*
(Outlay Rs. 2 lakhs)

The services of Departmental personnel are provided to primary beedi societies as paid secretary and business manager meeting their pay and allowances by government as these societies are not financially sound. The outlay provided is for the continuance of the scheme.

3. *Financial Assistance to Beedi Societies for the Construction of Work Sheds*
(Outlay Rs. 2 lakhs)

The outlay provided is for giving loan to primary beedi co-operative societies having land of their own for the construction of work sheds.

4. *Organisation of New Primary and Central Beedi Workers' Co-operative Societies*
(Outlay Rs. 2 lakhs)

It is proposed to organise new primary beedi societies and central beedi societies at the rate of one central society for ten primary societies in the northern districts of Kerala. The outlay provided is for giving share capital contribution, loan etc. to these newly formed beedi co-operative societies.

VILLAGE AND SMALL INDUSTRIES—ABSTRACT

(Rs. in lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual Expenditure	1981-82		1982-83	
				Approved outlay	Anticipated expenditure	Proposed outlay	Of which capital content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Small Scale Industries	2053.00	241.28	273.40	619.04	429.00	81.00
2	Industrial Estates	400.00	24.28	40.00	44.15	51.50	32.00
3	Handloom Industry	800.00	192.92	235.00	294.00	285.00	98.65
4	Powerloom Industry	30.00	4.53	6.00	5.00	6.00	2.60
5	Khadi and Village Industries	500.00	30.00	50.00	50.00	70.00	30.00
6	Handicrafts	315.00	27.45	28.50	41.84	42.50	20.50
7	Coir Industry	800.00	326.44	205.00	283.85	260.00	54.00
8	Cashew Industry	31.00	30.00	..	..	..	..
9	Bricks and Tiles Industry	2.00	..	0.10	..	..	..
10	Bamboo Industry	35.00	20.00	5.00	5.00	20.00	20.00
11	Beedi Industry	14.00	1.00	7.00	5.50	7.00	3.00
Total: Village and Small Industries		4980.00	897.90	850.00	1348.38	1171.00	341.75

5.2 Medium and Large Industries

A number of corporate bodies have been set up in the State during the last decade to exploit the State's industrial potential in various fields. Hence any development programme in the large and medium industries sector has to take into account the proposed developmental activities of these institutions. Certain industrial projects proposed for 1982-83 can make a significant impact on industrial development in the State. The 1982-83 Annual Plan proposals under large and medium industries are given below:

State Financial Corporation

Kerala Financial Corporation

(Outlay Rs. 30 lakhs)

This Corporation is one of the major financing institutions engaged in the promotion of industrial development activities in the State. The accent of the Corporation is mainly on the development of small scale and medium scale industrial units, by providing medium and long term loans. The Corporation gives special attention to the industrial units being set up in the selected backward areas of the State. The funds under the investment subsidy schemes for small scale units implemented by the Central and State Governments are being routed through this Corporation since April, 1980. Other important activities of the Corporation include extending assistance to ventures like construction of tourist hotels, acquisition of fishing boats, transport vehicles, purchase of X-ray equipment by medical practitioners etc. With a view to strengthen the share capital base of the Corporation, which will enable it to avail itself of more institutional finance for its financial activities during 1982-83, an amount of Rs. 30 lakhs is provided in the 1982-83 Plan.

2. State Industrial Development Corporation

Kerala State Industrial Development Corporation

(Outlay Rs. 175 lakhs)

The primary objective of this Corporation is organising, stimulating and assisting large and medium scale industrial units in the State through rendering financial as well as technical assistance. The financial activities of the Corporation comprise direct participation in equity or preference capital or debentures, underwriting of shares or debentures, granting of medium and long term loans and furnishing of guarantees, while the technical activities involve investigation and identification of projects, preparation of project/feasibility reports, obtaining letters of intent or industrial licences, securing technical/financial collaboration, negotiating with financial institutions for institutional finance, training of personnel etc. The Corporation has promoted a number of large and medium scale units in the public, joint and private sectors in the State. During 1982-83 besides promoting 32 new ventures, the Corporation has proposed to finance 30 modernisation/expansion/diversification schemes undertaken by the existing companies. An amount of Rs. 765 lakhs is required for various activities of the Corporation during 1982-83. Of this, Rs. 590 lakhs is expected to be mobilised through various sources such as IDBI Refinance facilities, repayment of principal loans, interest receipts, dividends from assisted units etc. The balance amount of Rs. 175 lakhs has been provided in the Annual Plan 1982-83 towards share capital contribution by State Government including market borrowings.

KERALA STATE INDUSTRIAL DEVELOPMENT CORPORATION

Scheme-wise outlay Proposed (1982-83)

(Amount Rs. lakhs)

Sl. No.	Name of Project	Product/Capacity	KSIDC's total investment			Investment by KSIDC during 1982-83			Employment Potential (Nos.)
			Share	Loan	Total	Share	Loan	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
A. Existing/On-going Projects									
1	Trichur Cotton Mills Ltd.	Cotton/SF Yarn Expansion of Spindleage	..	27.00	27.00	..	..	..	110
2	British Physical Laboratories (India) Private Limited	Photo Copiers	..	42.00	42.00	..	..	..	79
3	Vanjmad Leathers Ltd.	Finished Leathers	..	19.18	19.18	..	10.00	10.00	141
4	Kerala Spinners Limited	SF Yarn/Expansion of Spindleage	6.34	..	6.34	..	..	..	300
5	Kerala Acids and Chemicals Limited	Formic Acid: 1500 t. Sod. Hydro: 1825 t	9.35	10.00	19.35	..	..	..	225
6	Carbon and Chemicals India Limited	Carbon Black: 13700 t	130.00	..	130.00	..	..	..	225

(Amount Rs. lakhs)

Sl. No.	Name of Project	Product/Capacity	KSIDC's total investment			Investment by KSIDC during 1982-83			Employment Potential (Nos.)
			Share	Loan	Total	Share	Loan	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
7	Balmer Lawrie and Company Limited	Marine Freight Containers: 3000 Nos.	..	47.00	47.00	..	..	..	280
8	Formalin Products Limited	Formaldehyde: 7500 t	15.00	30.00	45.00	..	..	..	120
9	Wood Systems (India) Private Limited	Wood Veneers: 9.75 lakh Sq. mts. (Single Shift)	..	15.00	15.00	..	..	..	90
10	United Veneers Private Limited	Wood Veneers: 15 lakh Sq. mts. (Double Shift)	..	18.50	18.50	..	..	..	60
11	Hyatkum Exports Limited	Mineral Water: 9.91 million bottles of 1.5 litre capacity each	8.00	..	8.00	..	..	..	45
12	Venad Pharmaceuticals and Chemicals Limited	Transfusion Fluids: 9 lakh Bottles	3.00	26.40	29.40	..	21.50	21.50	69
13	Velton Prefab Elements Limited	Wood Wool Cement Board 4.35 lakh Sq. Mts.	7.28	24.37	31.65	..	7.72	7.72	35
14	Castols (India) Ltd.	Polyols: 1000 t	10.00	..	10.00	5.00	..	5.00	100
15	Alampally Bros. Ltd.	LPG Cylinders 1.5 lakh Nos.	6.50	7.50	14.00	..	..	..	70
16	Sodiak Oils and Chemicals Pvt. Ltd.	Rice Bran Oil: 9000 t	..	25.00	25.00	..	10.00	10.00	98
17	Kerala Solvent Extractions Ltd.	Cattlefeed	..	25.00	25.00	..	10.00	10.00	18
18	O/E/N Connectors Limited	Printed Circuit Connectors: 5000 Nos.	31.20	..	31.20	20.00	..	20.00	164
19	GTN Textiles Ltd.	Cotton/SF Yarn: Expansion of Spindleage	..	50.00	50.00	..	30.00	30.00	100
20	Wood House Ltd.	Wood Veneers: 22.5 lakh Sq. Mts.	6.50	17.08	23.58	..	..	..	90
21	Malabar Phytochemicals Limited	Phytochemicals 73740 Kg.	4.50	20.00	24.50	2.50	20.00	22.50	50
22	Sree Ram Roller and Flour Mills Limited	Maida etc. 9900 t	..	8.00	8.00	..	..	..	50
23	Koshy's Electronic Connectors Ltd.	Di-electric metalised films 100 t	..	40.00	40.00	..	10.00	10.00	20
24	BPL Electronic Connectors	Consumer electronics 10500 Nos.	14.00	20.00	34.00	10.00	20.00	30.00	80
25	Kerala Rubber and Reclaims Limited	Diversification—Rubber Compound: 11200 t	..	22.00	22.00	..	22.00	22.00	20
26	Steel Complex Limited	Steel Billets/Ingots Expansion Capacity	..	28.50	28.50	..	..	..	45
27	Kunnathara Textiles Limited	Grey Cloth: 400 tons	..	15.00	15.00	..	14.00	14.00	618
28	Sri Sai Maharaj Pulp and Paper Mills Limited	Printing and Writing Paper: 9000 t	18.20	30.00	48.20	15.20	30.00	45.20	180
29	Pearlite Wire Products Limited	Steel Wire Ropes (Revival)	..	10.00	10.00	..	10.00	10.00	150
30	Canara Paper Mills Private Limited	Paper: 1950 t	..	20.00	20.00	..	20.00	20.00	100
Sub Total (A)			269.87	597.53	867.40	52.70	235.22	287.92	3732

(Amount Rs. in lakhs)

Sl. No.	Name of Project	Product/Capacity	KSIDC's total investment			Investment by KSIDC during 1982-83			Employment Potential (Nos.)
			Share	Loan	Total	Share	Loan	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
B. New Projects under Finalisation									
1	Precision Measuring Instruments	70200Nos.	20.80	..	20.80	3.00	..	3.00	300
2	Fibre glass	4000t	100.00	..	100.00	..	..	..	130
3	Special Refractories	12000t	130.00	..	130.00	25.00	..	25.00	600
4	Asbestos Cement Sheets	36000t	12.00	50.00	62.00	10.00	50.00	60.00	270
5	Causic Soda	36000t	60.00	..	60.00	..	..	..	200
6	Biaxially Oriented Poly-Propylene Film (BOPP)	800t	13.00	..	13.00	3.00	..	3.00	120
7	Chloramphenicol	50t	7.80	..	7.80	3.00	..	3.00	65
8	Abattoir Organic Products	12075t	104.00	..	104.00	..	..	..	325
9	Chocolates and Beverages	1200t	26.00	..	26.00	..	..	..	200
10	Paints, Varnishes and Enamels	3000t	10.40	60.00	70.40	7.40	59.68	67.08	80
11	Scooter Tyres and Tubes	3 lakh units	18.20	..	18.20	..	..	..	210
12	HT Insulators	2500t	52.00	..	52.00	..	..	..	400
13	Glazed Wall and Floor Tiles	5000t	13.00	..	13.00	..	..	..	400
14	Nylon Filament Yarn	15000t	150.00	..	150.00	..	..	..	1005
15	Poly Vinyl Chloride	26000t	120.00	..	120.00	..	..	..	250
16	Phthalic Anhydride	6000t	30.00	..	30.00	..	..	..	250
17	Surgical Rubber Goods	11.46 lakh Nos.	26.00	..	26.00	..	..	..	200
18	Tea Bags	108 million Nos.	5.20	..	5.20	3.00	..	3.00	25
19	Graphite Beneficiations	1875t	8.00	..	8.00	..	..	..	100
20	Sanitary Wares	1200t	9.10	..	9.10	4.00	..	4.00	75
21	Ceramic Fibre	500t	26.00	..	26.00	..	..	..	50
22	Drug Formulation Unit (HAL)	66 million worth	17.00	..	17.00	..	..	..	80
23	Beta Lonone	400t	7.00	..	7.00	..	..	..	50
24	Gold Mining	Not Estimated	45.00	..	45.00	30.00	..	30.00	250
25	Epichlorohydrin	6000t	25.00	..	25.00	5.00	..	5.00	300
26	Fibre glass Boats	400 Nos.	4.00	..	4.00	2.00	..	2.00	100
27	Mini Paper Plant	4500t	5.00	50.00	55.00	5.00	..	5.00	205
28	Kraft Paper	5000t	13.00	..	13.00	3.00	..	3.00	200
29	Pentaerythritol	1200t	39.00	..	39.00	..	..	..	70
30	Potassium Chlorate	4000t	14.00	..	14.00	..	..	..	150
31	Automobile Auxillaries	250 lakhs	6.00	..	6.00	..	..	..	145
32	Sponge Iron Plant	50000t	50.00	..	50.00	..	..	..	250
Sub Total (B)			1166.50	160.00	1326.50	103.40	109.68	213.08	7055
Grand Total (A+B)			1436.37	737.53	2174.90	156.10	344.90	501.00	10787

3. Other Corporations

(i) Kerala State Textile Corporation

(Outlay Rs. 250 lakhs)

The management of three textile mills, viz. Malabar Spinning and Weaving Company Ltd., Calicut, Kottayam Textiles, Kottayam and Prabhuram Mills, Chengannur was entrusted with this Corporation in 1978 by the Government of India, under the provision of the IDR Act. The Corporation took over the management and recommissioned their operations in 1978. In the light of the assessment of the causes that led to the closure of these mills, a programme of modernisation/expansion/updating of technology was launched in all these three mills by the Corporation. The Corporation had also taken up the establishment of a knitting complex at Alleppey, a processing house for hosiery, central testing laboratory, elastic tape project etc. Steps are being taken for setting up five spinning mills one each in Trivandrum, Cannanore, Alleppey, Palghat and Kottayam districts. An amount of Rs. 250 lakhs is provided in the Plan as State share for the various projects taken up by the Corporation. Outlay meant for individual scheme is indicated below:

	Rs. lakhs
1. Modernisation of IDR Mills	60
2. Setting up of Five Spinning Mills	170
3. Knitting Complex	16
4. Central Testing Laboratory	4
Total	250

(ii) Kerala Forest Development Corporation

(Outlay Rs. 10 lakhs).

The major objective of this Corporation is the development of forests and forest based industries in the State. With a view to promoting forest based units, the Corporation has set up certain projects for manufacturing plywood and wooden fixtures like doors windows, wardrobes etc., for the sophisticated foreign markets. The Corporation has also taken up steps for establishing a wood industry complex at Nilambur on a long term basis. A provision of Rs. 10 lakhs is made in the Plan as share capital contribution to the Corporation.

(iii) Kerala State Electronics Development Corporation

(Outlay Rs. 500 lakhs)

This Corporation, set up in 1973, with the main objective of promoting an integrated and self-reliant electronics industry in Kerala, has already established 13 companies in the various districts of the State. These companies are now manufacturing different types of electronic products like television receivers, electronic calculators, printers, static inverter systems, variable speed drives, electronic cash registers, electronic card attendance systems, electrolytic capacitors, quartz crystals, electro magnetic components, carbon film resistors, silicon rectifiers and diodes, ceramic capacitors, counting mechanism, cine projectors etc. For the overall benefit of the electronic industry in the State,

the Corporation has also set up a result-oriented Electronic Research and Development Centre, Testing and Development Centre, Materials Development Centre and a Central Tool Room. The major project being established at Aror in the Alleppey District, for the manufacture of electronic process control instrumentations and systems in collaboration with M/s. Controle Bailey S.A. of France, is nearing completion. The Corporation has already received orders for more than Rs. 45 crores from various State Electricity Boards for the supply, erection and commissioning of the control instrumentation systems. In order to maintain the rate of growth envisaged, the Corporation has proposed to expand its present activities and diversify into new areas. Besides manufacture of some of the basic raw materials and components it is proposed to take up certain new projects during 1982-83. The total outlay proposed to be invested during 1982-83, on the various projects being implemented directly by the Corporation and through subsidiaries and associate companies, is estimated at Rs. 1395 lakhs of which an amount of Rs. 500 lakhs will be shared by the State Government as indicated below:—

KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION

Scheme-wise State Sector Outlay

Sl. No.	Name of Scheme	(Rs. in lakhs)	
		Sixth Plan Outlay (1980-85)	Proposed Outlay (1982-83)
(1)	(2)	(3)	(4)
A. Projects implemented directly by the Corporation			
1.	TV Manufacturing Unit	50	15
2.	TV System Manufacturing Unit	20	5
3.	Digital Electronics Products	20	..
4.	Industrial Electronics Products	35	5
5.	Special Products Division	10	..
6.	Instrumentation:		
	(a) Manufacturing	200	50
	(b) Product Engineering Erection and Commissioning	200	
7.	Mini/Micro Computers	60	10
8.	Communication Equipment	50	15
9.	Special PCB Facility	20	..
10.	Corporate Office (Marketing Division)	25	35
11.	Ancillary Industries Promotion Programme	25	..
12.	Central Tool Room	100	25
13.	R & D Projects Sponsored by KSEDC	..	50
Sub Total (A)		845	210
B. Projects implemented through Subsidiary/ Associate Companies			
(i) Subsidiaries			
1.	Keltron Counters Ltd.	175	15
2.	Keltron Power Devices Ltd.	70	15
3.	Keltron Rectifiers Ltd.	70	25
4.	Dielectro Magnetics Ltd.	44	15
5.	Keltron Resistors Ltd.	40	..
6.	Keltron Crystals Ltd.	30	..
7.	Keltron Magnetics Ltd.	15	..

(Rs. in lakhs)

Sl. No.	Name of Scheme	Sixth Plan Outlay (1980-85)	Proposed Outlay (1982-83)
(1)	(2)	(3)	(4)
<i>(ii) Associates</i>			
1.	Keltron Projectors Ltd.	25	5
2.	Keltron Entertainment Systems Ltd.	10	..
3.	Keltron Varisters (P) Ltd.	5..	..
4.	Keltron Component Complex Ltd.	100	20
Sub Total (B)		584	95
<i>G. New Projects</i>			
1.	Electronics Watches	25	10
2.	Etched and Formed Aluminium Foils	25	5
3.	Instrumentation Products	25	25
4.	Telephone Instruments, PABX Systems etc.	50	60
5.	Control Valves	..	75
6.	Metallised Plastic Capacitors and Films*	21	..
7.	Ceramic Capacitors*	75	20
Sub-Total (C)		221	195
Total (A+B+C)		1650	500

*To be implemented in the joint sector.

(iv) Kerala State Film Development Corporation

(Outlay Rs. 70 lakhs)

The overall development of Malayalam film industry and effective utilisation of the medium of cinema to meet the needs of education and mass communication are the main objectives of this Corporation. In order to achieve these goals, the Corporation has undertaken the construction of a self sufficient studio complex and a chain of theatres for providing facilities for production and exhibition of films. The studio complex proposed to be implemented in two stages will provide all the facilities required for indoor and outdoor shooting of pictures, processing of films, recording and re-recording, dubbing, editing as well as printing of films. One recording theatre with up-to-date facilities for recording, re-recording and dubbing, one laboratory with processing and printing facilities for black and white films, few editing rooms and one large studio floor have already been set up. The theatre project envisages construction of public sector theatres all over the State. As a first step, 12 theatres will be constructed in the cities and major towns of the State. Three twin theatres (six numbers) will be established at Trivandrum, Ernakulam and Calicut and six single theatres at Alleppey, Trichur, Shertallai, North Parur, Chittur and Talipramba. Land has already been taken possession of in all these towns except Ernakulam, and preliminary work for construction of theatres has started. Contract for construction of theatres at Trivandrum, Calicut, Shertallai and North Parur has already been given. An amount of Rs. 70 lakhs is provided in the Annual Plan towards State's share for completion of the spillover works of the Studio Project and construction of the theatres.

(v) Plantation Corporation of Kerala

(Outlay Rs. 40 lakhs).

The Plantation Corporation of Kerala is the major public sector undertaking engaged in plantation industry in the State. The objectives of the Corporation are mainly increasing the production of plantation crops like rubber, coffee, cardamom, cashew etc., and creating additional employment opportunities in rural areas. Presently the Corporation is planting rubber in seven estates located at Quilon, Cannanore, Kozhikode, Trivandrum and Ernakulam districts. In addition to this the Corporation proposes to bring an additional area of 250 hectares under rubber plantation during 1982-83. The Corporation has taken up cashew plantation on a large scale under the Kerala Agricultural Development Programme with World Bank assistance and the Multi State Cashew Development Programme. It is proposed to bring an area of 600 hectares under cashew plantation according to the Multi State Cashew Development Programme during 1982-83. The maintenance of the immature rubber and cashew trees planted during 1976-80 also requires additional investment by the Corporation. Total financial requirement of the Corporation for 1982-83 is estimated at Rs. 86.68 lakhs. Of this the State Government will share Rs. 40 lakhs.

(vi) Kerala Agro-Industries Corporation

(Outlay Rs. 20 lakhs)

This Corporation is engaged in the promotion of agro-based industrial units in the State. The Kerala Agro Machinery Corporation and the Meat Products of India are the two wholly owned subsidiary companies of the Corporation. The former is manufacturing power tillers and accessories in technical collaboration with M/s. Kubota Limited, Japan and has taken up two projects for manufacturing diesel engines and mini-trucks as part of their diversification programme. The Meat Products of India is now implementing a renovation/modernisation project in its Koothattukulam Plant. The projects under the active consideration of the Agro Industries Corporation are the pesticides formulation plant and craft paper manufacturing plant. An amount of Rs. 20 lakhs is provided in the Annual Plan in order to strengthen the capital base of the Corporation. This will enable the Corporation to avail itself of more institutional finance for the various projects proposed by its subsidiaries as well as the Corporation itself.

(vii) State Farming Corporation of Kerala

(Outlay Rs. 25 lakhs)

This Corporation started functioning in April 1972 with the objective of cultivating sugarcane in the forest areas leased to the Corporation and supplying sugarcane to the Mannam Sugar Mills, discontinued the cultivation of sugarcane due to the uneconomic nature of sugarcane cultivation in the hilly areas of the forest. The Government of Kerala, after a critical evaluation of the financial position of the Corporation directed diversification of its activities by raising other crops like rubber, cocoa, coconut, cashew etc., depending on the suitability of the area in order to make the Corporation viable.

Accordingly, the Corporation drew up a scheme to raise perennial crops in the permanent farms available with the Corporation. The scheme has been approved by the Planning Commission for financial assistance to the extent of Rs. 395 lakhs under the Western Ghat Development Programme. The Scheme for planting rubber in 1610 hectares is proposed to be started in 1982-83. Assistance under the Western Ghat Development Programme and loan from the Agricultural Refinance and Development Corporation are also expected for this scheme. An amount of Rs. 25 lakhs is provided in the Plan as State's share capital contribution to the Corporation.

4. Industrial Areas

(i) Industrial Development Areas

(Outlay Rs. 55 lakhs)

This scheme is envisaged to acquire land, develop infrastructure facilities and allot it to the intending entrepreneurs for establishing industrial units. Availability of such facilities will attract more industries to the State and enable their dispersal. At present there are six development areas functioning in Trivandrum, Alleppey, Ernakulam and Palghat districts. It is proposed to acquire about 4,000 hectares of land in Palghat district, proceedings for which are in progress. It is also proposed to set up an Infrastructure Development Corporation in order to operate the scheme expeditiously. A Special Officer has already been appointed by the Government for this purpose. The provision of Rs. 55 lakhs made in the Annual Plan is intended to meet the expenses connected with the operation of the scheme during 1982-83.

(ii) Water Supply Scheme for Industrial Units in Greater Cochin Area

(Outlay Rs. 50 lakhs)

The Government have approved the scheme for providing adequate water and other facilities to the industrial units in the Greater Cochin area. Accordingly a Public Health Division with 3 sub divisions has been created for the execution of this scheme. An amount of Rs. 50 lakhs is provided in the Plan for the continuance of the Public Health Division during 1982-83.

5. Departmental Enterprises

(i) Kerala State Industrial Enterprises

(Outlay Rs. 300 lakhs)

The following eight companies, fully owned by the Government of Kerala are being managed by the Kerala State Industrial Enterprises:

1. Trivandrum Rubber Works Ltd.
2. Kerala Ceramics Ltd.
3. Travancore Plywood Industries Ltd.
4. Kerala Electrical and Allied Engineering Company Limited.
5. Kerala Soaps and Oils Limited.
6. Kerala State Drugs and Pharmaceuticals Limited.

7. Kerala State Detergents and Chemicals Ltd.

8. Kerala Clays and Ceramic Products Ltd.

The Kerala State Industrial Enterprises has drawn up certain diversification/modernisation/expansion schemes for implementation by its subsidiary companies. The Rs. 50 lakh Scooter Tyre Project being implemented by the Trivandrum Rubber Works is identified with a view to diversify into more profitable products, utilising the banbury capacity with additions of balancing equipments. The capacity of the Porcelain Division of the Kerala Ceramics is proposed to be expanded in two stages. The first stage costing Rs. 300 lakhs contemplates revamping the working of the Division by intensive marketing efforts and improving the production technology for stabilising the operation for the coming years. The Travancore Plywood Industries proposes to implement the letter of intent obtained by the Company for the manufacture of particle boards, having an annual capacity of 12000 m³. Another project of the Company nearing completion is the decorative veneer project. The Kerala Electrical and Allied Engineering Company has taken up certain diversification/modernisation projects in their Mamala, Kundara and Olavakkot divisions. In order to meet the increasing production plans for soap, the Kerala Soaps and Oils proposes to take up a project for splitting of fatty acid. The Kerala State Drugs and Pharmaceuticals has initiated works for the establishment of a Vitamin 'A' project of 30 MMU per annum capacity, the cost of which is estimated at Rs. 850 lakhs. The project is now in an advanced stage of implementation. The Company has entered into foreign collaboration agreement with M/s. Tenneco Chemicals, USA and M/s. Norwich Marlon, USA for establishing a 2250 tpa Aspirin Plant at a total cost of Rs. 650 lakhs. The Company is establishing an R and D Centre to do research on drugs, the main emphasis being on natural medicinal plants.

Altogether an amount of Rs. 300 lakhs is provided in the Annual Plan towards share capital contribution to the Kerala State Industrial Enterprises. The scheme-wise outlay is indicated below:—

KERALA STATE INDUSTRIAL ENTERPRISES

Scheme-wise Outlay

(Rs. in lakhs)

Name of Project	Cost of the Sixth Plan Project	Outlay 1980-85	Proposed Outlay 1982-83
(1)	(2)	(3)	(4)
1. Trivandrum Rubber Works Limited			
(a) Journal Lubricating pad project	27.25	10.00	..
(b) Scooter Tyre Project	50.00	20.00	15.00
Total (1)	77.25	30.00	15.00
2. Kerala Ceramics Limited			
(a) Expansion of Porcelain Division	300.00	100.00	25.00
(b) Rationalisation of Kaolin Division	80.00	32.00	..
Total (2)	380.00	132.00	25.00

(Rs. in lakhs)

Name of Project	Cost of the Project	Sixth Plan Outlay 1980-85	Proposed Outlay 1982-83
(1)	(2)	(3)	(4)
3. Travancore Plywood Industries			
(a) Decorative Veneer Project	28.00	10.00	10.00
(b) Particle Board Project	440.00	137.00	55.00
Total (3)	468.00	147.00	65.00
4. Kerala Electrical and Allied Engineering Company			
(a) Development of Switch Gear Division	20.00	10.00	..
(b) Diversification: Alternators Division	50.00	20.00	15.00
(c) Modernisation of Foundry	100.00	40.00	30.00
(d) Carbon Film Resistor Project	60.00	20.00	5.00
Total (4)	230.00	90.00	50.00
5. Kerala Soaps and Oils Limited			
(a) Expansion of Hydrogenation Capacity	146.00	32.00	..
(b) Fatty Acid Splitting Plant	400.00	33.00	10.00
Total (5)	546.00	65.00	10.00
6. Kerala State Drugs and Pharmaceuticals			
(a) Vitamin 'A' Project	850.00*	100.00	90.00
(b) Aspirin Plant	650.00	205.00	30.00
(c) R and D Centre	22.70	38.00	10.00
Total (6)	1522.70	343.00	130.00
7. Kerala State Detergents and Chemicals			
	449.00	63.00	..
8. Kerala Clays and Ceramic Products			
(a) Stoneware Pipe project	30.00	10.00	5.00
(b) Glazed Tile Project **	400.00	120.00	..
Total (8)	430.00	130.00	5.00
Grand Total—Kerala State Industrial Enterprises	4102.95	1000.00	300.00

*Revised Project Cost.

**Transferred of KSID for implementation in the Joint Sector.

(ii) Kerala Minerals and Metals Limited

(Outlay Rs. 150 lakhs)

The proposal of the Company to expand the capacity of its mineral separation plant to two lakh tonnes of ilmenite per annum from the existing capacity of 25,000 tonnes has been approved by the State Government in 1971. Accordingly a project report was prepared by M/s. Australian Mineral Development Laboratories. But later the Company decided to take up immediately expansion of capacity to only one lakh tonnes of ilmenite per annum. The total cost of this project is estimated at Rs. 1200 lakhs of which

Rs. 350 lakhs is expected as State share. An amount of Rs. 200 lakhs has been met from the budget provision for 1981-82.

The Rs. 65 crore titanium dioxide pigment plant of 22,000 tonnes per annum capacity, taken up by the Company is nearing completion. The provision of Rs. 150 lakhs made in the Annual Plan is meant towards the balance equity contribution to the mineral separation expansion scheme of the Company.

(iii) Sitaram Textiles Limited

(Outlay Rs. 10 lakhs)

The Sitaram Textiles started functioning as a Government Company in May, 1975 with 12,500 spindles against the licenced capacity of 25,000 spindles. The Company is now implementing a scheme for modernising looms by way of replacement under the Soft Loan Assistance provided by the Industrial Development Bank of India. This modernisation scheme included also the setting up of a new processing house and provision of preparatory and weaving facilities. An amount of Rs. 10 lakhs is provided in the Plan towards share capital contribution to the Company.

(iv) Steel Industrials Kerala Limited

(Outlay Rs. 250 lakhs)

This company, owned by the Government of Kerala is entrusted with the setting up of the following iron and steel based industries in the State:

1. Structural Fabrication Unit
2. Steel Forging Unit
3. Ship Breaking Unit
4. Integrated Casting Unit
5. Roller Bearing Unit

The Structural Fabrication Unit having a capital investment of Rs. 350 lakhs is planned to process structures required for steel mills, chemical factories, cement factories etc. A mini structural fabrication unit has already started commercial production in April, 1980. The Steel Forging Unit intended to manufacture 3500 tonnes of steel forgings per annum with a capital investment of Rs. 530 lakhs is in an advanced stage of implementation. All the civil and structural works for the factory and allied buildings have more or less been completed. Purchase orders for most of the plant and machinery have also been placed. The import of 're-rollable scrap in the form of old ships for breaking' for the Ship Breaking Unit has been canalised through the Metal Scrap Trade Corporation. Two old ships have been acquired and they are under breaking. The unit for i.e. manufacture of steel castings, automotive castings, SG iron castings and malleable iron castings will be located at SL Puram, Shertallai. Preliminary works like acquisition of land, preparation of project report, etc. have been completed. The Company has obtained a letter of intent for establishing a Roller Bearing Unit. Market Survey and Project report have been completed by M. M. Suri & Associates (Pvt.) Ltd.,. The Company proposes also to set up a mini steel plant, rolling mills in collaboration with KSIDC and Steel

Complex, Calicut, an R and D Centre in Metallurgy, a Spring Manufacturing Unit etc.

Altogether an amount, of Rs. 250 lakhs is provided in the Annual Plan as States share capital contribution to the Company.

(v) *Malabar Cements Limited.*

(Outlay Rs. 100 lakhs)

This Company, promoted by the Government of Kerala in 1978, is establishing a cement plant at Walayar in Palghat district, having a capacity to manufacture 1200 tonnes per day. Provision of infrastructure facilities like power supply, railway siding, water supply, roads etc., has almost been completed. Ninety per cent of the machines have been ordered. The project was estimated to cost Rs. 3350 lakhs, of which Rs. 750 lakhs was to be invested by the State Government, balance being institutional finance. But due to cost escalation over the last three years the project is now estimated to cost Rs. 3750 lakhs. While sanctioning financial assistance, the financial institutions and banks have stipulated a condition that any over-run in the project cost will have to be met by the Government. Hence a provision of Rs. 100 lakhs is made in the Plan towards share capital contribution to the Company, in order to meet the over-run cost and enable it to complete the project in April, 1982 as scheduled.

(vi) *Manufacture of Asbestos Cement Pressure Pipes.*

(Outlay Rs. 10 lakhs)

The Kerala Premopipe Factory was asked by the Government to explore the possibility of setting up a project for the manufacture of Asbestos Cement Pressure pipes in order to support the Rural Water Supply Schemes taken up by the Government. The Company is promoting a factory for this purpose. The Kerala Industrial and Technical Consultancy Organisation has been entrusted with the preparation of a Detailed Project Report. The cost of the project as indicated in the preliminary report of KITCO will be of the order of Rs. 750 lakhs. As this is a major project involving large investment, the Kerala Premopipe Factory is not in a position to raise share capital contribution from their own surpluses. Hence an amount of Rs. 10 lakhs is provided in the Plan towards share capital contribution to the Project.

(vii) *Scooters Kerala Limited.*

(Outlay Rs. 50 lakhs)

This Company is at present engaged in the manufacture of Vijai Super Scooters by converting the components supply by Scooters India Limited. Due to erratic and inadequate supply of components by Scooters India, the targeted production could not be achieved. As the Government of India has liberalised the industrial licence policy for obtaining foreign collaboration for mopeds and as infrastructure facilities and experienced manpower are available, the Company has drawn up a diversification programme by manufacturing mopeds. The Company has approached M/s. Cycles Peugeot of France and M/s. Piaggio and

Company of Italy for technical collaboration. Collaboration agreements will be finalised shortly and production of mopeds will be started by the end of 1982-83. The total cost of the project is estimated at Rs. 662 lakhs. The provision of Rs. 50 lakhs is made in the Plan towards share capital contribution to the Company.

(viii) *Kerala Automobiles Limited.*

(Outlay Rs. 100 lakhs)

This Company is establishing a project for the manufacture of 10,000 three wheelers per annum consisting of Autorickshaws, Delivery Vans, Pick Up Vans etc. Construction of factory has already been started. It is expected that seventy-five per cent of the construction and civil works will be completed by the end of 1981-82. All the equipments for electrical installation will be procured and approximately fifty per cent of electrical installation completed during this period. Commercial production is scheduled to commence from September 1982. The Company has taken steps to procure plant and machinery required for the manufacture of 500 three wheelers in the first phase. The factory complex and all the infrastructure such as electrical installation, water supply and sanitary fittings will be completed by 1982-83. It is estimated that the cost of the project may go upto Rs. 750 lakhs against the earlier estimated cost of Rs. 546.48 lakhs. During 1982-83 the State Government will invest Rs. 100 lakhs in the share capital of the Company.

(ix) *Travancore Titanium Products Limited.*

(Outlay Rs. 10 lakhs)

The titanium dioxide plant of the Company commissioned by the end of 1973 with an installed capacity of 68 tonnes per day could not yield the rated capacity yet. The Company has taken steps for providing balancing equipments and take up production in two phases; first achieving 45 tonnes per day and in the second phase the installed capacity of 68 tonnes per day. The cost of the project is estimated at Rs. 50 lakhs. Of this, an amount of Rs. 20.68 lakhs has already been spent by the end of 1980 for the first phase of expansion. An amount of Rs. 30 lakhs is required for the completion of the second phase. State share participation in the project during 1982-83 will be of the order of Rs. 10 lakhs.

(x) *Traco Cable Company Limited.*

(Outlay Rs. 100 lakhs)

The Company has obtained an industrial licence for setting up a project for the manufacture of 5000 LKM of jelly-filled telephone cables. Steps have already been started for selection of site for the project, placing of orders for machinery, etc. Clearance for import of capital goods has also been obtained. Trial production is expected to commence within three years from finalising financial arrangements. The total cost of the project is estimated at Rs. 1,050 lakhs. The State's share capital contribution to the Company during 1982-83 will be Rs. 100 lakhs.

(xi) *Chalakydy Refractories Limited.*

(Outlay Rs. 50 lakhs)

With a view to place its working on a sounder footing this Company is implementing a modernisation scheme which requires additional capital investment. The major items required to be acquired for the programme include one 400 MT Press, counter current mixer, 100 KVA Generator set, etc. Plant electrification, installation of 750 KVA transformer, etc. also entail additional investment to the Company. The total expenditure expected during 1982-83 is estimated at Rs. 79 lakhs. Of this, an amount of Rs. 50 lakhs will be contributed by the State as share capital.

(xii) *Pallathra Bricks and Tiles Limited.*

(Outlay Rs. 1 lakh)

This joint sector project in which the State Government holds 98 per cent of the share capital is at present engaged in the manufacture of sand lime bricks required for construction purposes. The working of the Company has not so far become viable due to various reasons. The main reason for its continuous loss is the usage of furnace oil for firing the boiler for producing steam for backing bricks. By converting the boiler into one of electrical operation the Company can save Rs. 6 lakhs per year. The Company has taken steps to implement this conversion programme. Besides, the Company proposes to construct additional sheds and kilns for the lime production sections. An amount of Rs. 1 lakh is provided in the Plan as Share Capital contribution to the Company.

(xiii) *United Electrical Industries Limited.*

(Outlay Rs. 5 lakhs)

This Company is now engaged in the implementation of an expansion programme which envisages increasing the production of KWH meters to a level of 324,000 per annum (single phase and poly phase). The requirement of additional investment is Rs. 145 lakhs. The turnover from meters is estimated to increase progressively to Rs. 315 lakhs by the end of 1984. The Annual Plan provision Rs. 5 lakhs is meant for share capital contribution to the Company.

(xiv) *Travancore Sugars and Chemicals Limited.*

(Outlay Rs. 1 lakh)

This Company has a proposal to instal a new distillery unit of 7,000 litres per day capacity. In addition to this, the Company proposes to manufacture alcohol from tapioca (cassava) by installing additional equipment required for hydrolysing tapioca starch into fermentable sugar. An amount of Rs. 1 lakh is provided in the Plan as share capital contribution to the Company.

6. *Other Schemes:*(i) *Centre for Management Development.*

(Outlay Rs. 5 lakhs)

The Centre for Management Development, set up in August, 1979, with the objective of imparting training on various disciplines of industrial management

to the key personnel of private and public sector enterprises, proposes to expand its activities considerably during 1982-83. A provision of Rs. 5 lakhs is made in the Plan towards this scheme.

(ii) *ENCOS—Taking over and Revival*

(Outlay Rs. 1 lakh)

According to the Engineering Technicians' Co-operative Societies (Acquisition and Transfer of Undertakings) Act of 1977, all the undertakings of the Societies have been transferred to and vested in the State Government. Plan provision of Rs. 1 lakh is meant for discharging the financial liabilities and obligations such as provident fund dues, payment of salaries, etc. to the skeleton staff of ENCOS Units.

(iii) *Mannam Sugar Mills Co-operative*

(Outlay Rs. 1 lakh)

This Mill proposes to start a distillery unit for the production of rectified spirit from tapioca. Provision of Rs. 1 lakh made in the Plan is to strengthen the share capital base of the Company so as to enable it to avail itself of institutional finance for the proposed distillery unit.

(iv) *Starting of New Co-operative Spinning Mills*

(Outlay Rs. 20 lakhs)

Under this scheme the Government has already promoted two spinning mills one each at Quilon and Malappuram having a spindleage capacity of 25,000 each. The Mill at Malappuram has started commercial production in March 1980. The work on the Mill at Quilon is expected to be completed by 1981-82. Two new spinning mills have been registered, one at Alleppey and other at Trichur district, and they are to be established in the Co-operative sector. Under the N.C.D.C. Scheme the State Government will have to provide 90 per cent of the total equity out of which 50% will be given by NCDC as loan assistance to Government. Hence a provision of Rs. 20 lakhs is earmarked in the Plan towards share capital contribution to these mills.

(v) *Cannanore Co-operative Spinning Mills*

(Outlay Rs. 20 lakhs)

This Mill is engaged in the implementation of an expansion scheme by which the spindleage capacity would be increased to 50,000 by installing 22,000 additional spindles in 5 stages. It is proposed to instal 4,800 spindles during 1982-83. An amount of Rs. 20 lakhs is provided in the Plan towards share capital contribution to this Mill.

(vi) *Co-operative Sugars, Chittur.*

(Outlay Rs. 15 lakhs)

The Company has taken up an expansion programme which envisages the expansion of the distillery capacity to produce alcohol from tapioca. Share capital contribution to the Company during 1982-83 will be of the order of Rs. 15 lakhs.

(vii) *Foam Mattings (India) Limited.*

(Outlay Rs. 10 lakhs)

The Project, established by the Company for the manufacture of foam backed coir mattings, has already started commercial production. Presently the Company is setting up a matting factory with 24 modern handloom for the manufacture of 4 metre wide mattings. Establishment of a brown fibre unit, PVC backed tufted coir carpets unit and a needle felt coir carpet unit, etc. has also been proposed as their diversification programme. The State Government will invest Rs. 10 lakhs as share capital of the Company during 1982-83.

(viii) *Special Refractory Project*

(Outlay Rs. 10 lakhs)

Kerala State Industrial Development Corporation has obtained a letter of intent for establishing a project for the manufacture of 12,000 tonnes of special refractory items per annum. This Rs. 14 crores project is proposed to be implemented in technical collaboration with a Soviet firm and with the engineering assistance of MECON. The Government of India have approved the foreign collaboration proposal for the project. The State share participation in the project during 1982-83 will be Rs. 10 lakhs.

(ix) *State Investment Subsidy*

(Outlay Rs. 50 lakhs)

A capital subsidy of 10 per cent subject to a maximum of Rs. 10 lakhs has been announced by the State Government in 1979, to the new medium and large industries being set up in all the districts of the State excepting Cannanore, Malappuram and Alleppey which are covered under the central investment subsidy scheme. The provision of Rs. 50 lakhs made in the Plan is meant for this purpose.

(x) *Interest Free Sales Tax Loan*

(Outlay Rs. 25 lakhs)

Interest-free sales tax loan is being paid by the Government to the existing industrial units for their diversification programmes. The loan will be equivalent to the sales-tax paid by the company on the additional turnover, for a period of three years put together, subject to a maximum of 25 per cent of the fixed assets created for the proposed unit or Rs. 10 lakhs whichever is less. New units to be set up in any district except Ernakulam, are also eligible to get this loan during the first six years of production subject to a maximum of 10 per cent of the gross fixed assets or Rs. 5 lakhs whichever is less. A provision of Rs. 25 lakhs is made in the Plan for this scheme.

(xi) *Preparation of Feasibility Reports*

(Outlay Rs. 5 lakhs)

Fifty per cent of the cost of preparation of project/feasibility reports will be shared by the State Government according to the package of incentives announced by the Government in 1977. Kerala State Industrial Development Corporation is operating this scheme. When the project is completed, the contribution by the Government will be converted into share capital or term loan. An amount of Rs. 5 lakhs is provided in the Plan for this scheme.

(xii) *Others**Geovanola Binny Limited.*

(Outlay Rs. 10 lakhs)

The State Government have recently taken over this private company as it was lying closed for a long time. It is necessary to revitalise and put it into operation. The provision of Rs. 10 lakhs made in the Plan is for meeting the expenses connected with starting the working of the Company.

5.3 Mining

The Plan proposals under 'Mining' have been drawn up with a view to strengthening the working of the Department of Mining and Geology in order to enable it to carry out its functions more expeditiously. The Kerala Mineral Exploration and Development Project is also proposed to be continued during 1982-83. The schemes proposed for the Annual Plan 1982-83 under 'Mining' are the following.

1. Department of Mining and Geology

(i) Strengthening the Department

(Outlay Rs. 15 lakhs)

The Mining and Geology Department has taken steps to intensify the detailed investigations for important minerals like clays, silica sand, lime-shell, bauxite, graphite, etc. The State Geological Programming Board has entrusted the Department with programmes to carry out 18 investigations for the year 1981-82. Owing to paucity of funds and non-availability of equipment and technical personnel, only seven items of investigations could be taken up so far. Besides carrying out investigation on the remaining items, it is proposed to take up investigations on new items during 1982-83. In order to carry out these programmes it is proposed to procure drilling, cartographic and field equipment to strengthen the chemical laboratory and to impart training to the technical personnel. An amount of Rs. 15 lakhs is set apart for carrying out these activities, in 1982-83.

(ii) Preparation of Feasibility Reports

(Outlay Rs. 1 lakh)

The industrial utilisation of the mineral deposits is the prime need of the State. Preparation of feasibility reports for the utilisation of minerals like bauxite, graphite clays etc. are contemplated by the Department. Detailed geological exploration of some of these minerals is being arranged through the Mineral Exploration Corporation. Provision of Rs. 1 lakh is made in the Plan for this Scheme.

(iii) Setting up of Field Organisations

(Outlay Rs. 5 lakhs)

The State possesses large deposits of silica sand in the littoral tract in Shertalai in Alleppey and also limeshell in the backwaters especially in the Vembanad Lake in Kottayam and Alleppey Districts. Unauthorised collection of these minerals is rampant in these areas. In order to prevent the clandestine mining of these minerals and their transport, it has become necessary to implement and enforce provisions in the Mines and Minerals (Regulation and Development) Act and Rules made thereunder more effectively. Hence it is decided to set up field organisations in all the districts in a phased manner. It has also been decided to create special Inspection Squads under the field organisations for this purpose. The outlay provided is for strengthening the field organisations and for setting up Inspection Squads.

2. Kerala Mineral Exploration and Development Project-UNDP Project.

(Outlay Rs. 24 lakhs)

This Project established in the State in 1977 for the collection and economic evaluation of the known and partially developed iron ore, graphite, phlogopite mica and associated sulphite mineralisations, gold deposits, etc. with the assistance of UNDP was originally scheduled to terminate on 31-12-1980. But on subsequent evaluation the term of the Project was extended upto 31-7-1981. The Second Phase of the UN assistance for the Project for a period of 18 months is scheduled to commence on 1-1-1982. Government of India have approved in principle the Second Phase of UN assistance. An amount of Rs. 24 lakhs has been provided in the Annual Plan 1982-83 towards State share for implementing various activities under the project, including construction of a building for keeping the valuable equipment under safe custody.

6. TRANSPORT AND COMMUNICATIONS

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6.1. Ports and Shipping

Ports in Kerala have a significant place in the State's transport system. Along a coast line of about 580 km there are at present a major port at Cochin, three intermediate ports at Calicut, Alleppey and Neendakara and eleven minor ports. The maritime traffic along these ports has been gradually declining during the past two decades. The development programmes in the previous plans were quite inadequate for stimulating the activities of the minor ports of Kerala. The Sixth Plan lays emphasis on the development of four intermediate and minor Ports of Kerala as cargo harbours viz. Vizhinjam, Neendakara, Beypore and Azhikkal. Priority will be given to the development of Beypore port as it has all the natural facilities for development. Due attention has been given to the provision of basic infrastructure facilities for various ports. The Annual Plan proposals for 1982-83 have been drawn up with the above object in view.

The scheme-wise details and the financial requirements for the Annual Plan period 1982-83 are given below:

A. Ports and Pilotage

1. Development of Minor Ports:

(i) Vizhinjam Cargo Harbour

(Outlay Rs. 0.91 lakh)

The provision is for conducting investigation and preliminary works for establishing a Cargo Harbour at Vizhinjam.

(ii) Neendakara Cargo Harbour

(Outlay Rs. 10.91 lakhs)

Government have sanctioned a scheme for developing Neendakara Port. The first stage development envisages a draft of 3.5 m. The cost of the project sanctioned is Rs. 41.5 lakhs. Construction of quay for 210 m. approach road, transit sheds etc. are envisaged in this scheme. Construction of a wharf will be organised during 1981-82 and the major portion of the work will be completed during 1982-83. The provision made in the Plan is for the above purpose.

(iii) Beypore Cargo Harbour

(Outlay Rs. 44 lakhs)

It has been decided to develop Beypore port for the use of sailing vessels of draft upto 4.5 metres. Government have sanctioned an estimate for Rs. 180 lakhs for the construction of breakwaters at Beypore. The estimate has since been revised to Rs. 270 lakhs on the revision of schedules. Technical sanction is issued and the work is tendered. The work will be commenced during 1981-82 and the progress of construction has to be maintained as recommended by the C.W.P.R.S. As the breakwaters are essential for the stability of the channel, the scheme will be given top priority in the Annual Plan for 1982-83.

(iv) Azhikkal Cargo Harbour

(Outlay Rs. 2.23 lakhs)

Azhikkal port, situated at the mouth of Valappattanam river, has only a wharf of 42.67 metre long and 12 metre wide. The provision made in the Plan is for meeting the expenditure of dredging works so as to improve the depth on the approach channel at the bar area and for providing facilities at the present wharf.

2. Investigation, Planning, Survey and Engineering Studies

(Outlay Rs. 3.15 lakhs)

The provision made in the Plan is for taking up further investigation for Neendakara and Beypore and for continuing present investigation works.

3. Construction and Repairs

(i) Purchase of Supplementary Equipment for Ports

(Outlay Rs. 10 lakhs)

Most of the departmental tugs and barges are very old and some of them are beyond repair. It is essential that the crafts are repaired and put into operation for shipping activities. Purchase of new supplementary equipments for ports is also envisaged in the Plan. The provision will also be utilised for making balance payments towards the cost of tugs and barges already obtained or under construction.

(ii) Capital Repairs and Major Additions to Piers and Other Structures

(Outlay Rs. 2.55 lakhs)

Since the piers at Alleppey, Calicut and Trivandrum are old, regular capital repairs have to be undertaken in order to keep them in working condition. Also special repairs for the signal station at Quilon, godown at Trivandrum Port, fender system at Beypore wharf etc. are required for maintaining the port operations without interruption. The provision is to meet such expenditure on capital repairs and major addition to piers and other structures.

(iii) Capital Repairs and Major Additions for Equipments and Floating Crafts

(Outlay Rs. 10.42 lakhs)

Most of the Departmental crafts are very old and require extensive repairs and overhauling every year so as to put them into use for shipping operations. Also capital repairs to floating crafts of Neendakara, and Calicut port, special repairs to trolleys and trolley lines of Alleppey port and other equipments are required. The provision made in the Plan is to undertake such works.

4. Dredging and Surveying

1. Dredging Unit:

(Outlay Rs. 7.23 lakhs)

The provision is for meeting the establishment charges of the two dredging units.

2. Capital Dredging at Minor Ports

(Outlay Rs. 22.73 lakhs)

Minor and major repairs to various machinery, pipe line etc. are to be undertaken to keep the dredgers operational throughout the year. The old pipe line of the dredger Meena' has to be replaced in a phased manner. Provision is also to be made for fuel, oil, replacement of ordinary equipments etc. for the dredgers and tugs. The outlay proposed is to meet the above items of expenditure and also for the purchase of motor vehicles for the department.

3. Tugs for Surveying and Dredging Operations

(Outlay Rs. 15 lakhs)

Purchase of a powerful tug and a survey launch is contemplated under this scheme. Action has been initiated for the procurement of these two. Tenders for the construction of tug costing Rs. 65 lakhs and for the purchase of launch costing Rs. 15 lakhs have been finalised and forwarded to Government for formal sanction.

5. Other items of Expenditure

(i) Housing for Port Staff

(Outlay Rs. 1.82 lakhs)

There is acute shortage of housing for the staff engaged in the development activities of the ports. The outlay provided in the Plan is for constructing staff quarters at Quilon and for acquiring land for the construction of quarters at Calicut.

(ii) Establishment of Central Workshop and Stores Organisation:

(Outlay Rs. 0.50 lakh)

Administrative sanction has already been issued for the establishment of a Central Workshop and Stores Organisation. The proposal is to establish two workshops, one at Neendakara and the other at Beypore. The provision is for purchasing machinery and equipments for the workshops, and towards other expenditure in connection with the establishment of the Stores Organisation.

(iii) Provision of Steel Cargo Barges at Neendakara Port

No outlay is provided for 1982-83.

(iv) Purchase of a Refrigerated Barge for Neendakara Port

(Outlay Rs. 2 lakhs)

A refrigerated barge for Neendakara port is ready for taking delivery. The provision made in the Plan is for the final stage payment for this barge.

(v) Lighterage Port at Neendakara

No outlay is provided for the year 1982-83.

(vi) Establishment of Vizhinjam/Kovalam Port

(Outlay Rs. 0.50 lakh)

Kovalam has been declared as a port under the provision of the Indian Ports Act. The provision is for meeting the establishment charges of the staff attached to the port and other developmental activities.

(vii) Seamen's Welfare—Search and Rescue Organisation in the Port Wing

(Outlay Rs. 12 lakhs)

In order to attend to the distress calls of the fishermen promptly it was programmed to set up a search and rescue organisation during the Sixth Plan period. Administrative sanction has already been issued for the purchase of a rescue tug and a speed launch and an advance payment of Rs. 7.95 lakhs has been made for the supply of a rescue tug during 1981-82. The outlay provided is for making balance payments.

(viii) Survey Unit for Pre-Dredging and Post-Dredging Surveys

(Outlay Rs. 0.55 lakh)

Pre-dredging and post-dredging surveys have to be done for every dredging work. The outlay provided is for meeting the expenditure for establishing a separate survey unit for conducting pre-dredging and post-dredging surveys.

(ix) Extension of Office Buildings of Field Units of Hydrographic Survey Wing

No provision is made for 1982-83.

(x) Purchase of Electronic Equipment for Surveying and Dredging Organisations:

No outlay is provided for 1982-83.

B. Shipping

(i) Training and Education (Kerala Institute of Nautical Studies—Vizhinjam)

(Outlay Rs. 0.50 lakh)

The outlay earmarked is for the payment of establishment charges of the staff attached to the Seamen's Training Centre.

(ii) Kerala State Maritime Development Corporation

(Outlay Rs. 3 lakhs)

The Sixth Plan envisages the establishment of a Maritime Development Corporation in the State with a view to reviving the coastal trade through the minor ports of Kerala. Government have already accorded sanction for the establishment of the Corporation and steps are underway for the registration of the Corporation. The outlay provided in the Plan is to meet the initial expenditure required in connection with the setting up of the Corporation.

6.2 Roads and Bridges

Kerala has a total road length of 93,080 km. as on March 1980, which works out to about 36 km. per 10,000 population. Out of this, the State Public Works Department maintains only 16,569 km. Many of these roads suffer from small width, acute bends and steep gradients. The main emphasis in the Annual Plan for 1982-83 will therefore be on improving the existing roads rather than on constructing new roads. Development of State highways and major district roads has been given due emphasis and the items of works are so chosen as to get wide dispersal over the entire State. For the development of rural roads under Minimum Needs Programme, priority will be given to roads on which there is already significant traffic. A few rural roads, now maintained by the Panchayats, will be taken over by the PWD and improved under Minimum Needs Programme. The deficiency in communication facility in tribal areas and scheduled caste settlements is proposed to be made good by providing roads connecting tribal and scheduled caste settlements with schools, market places, hospitals etc. Provision has also been made to improve the communication facilities in the backward hilly regions of the State.

1. State Highways

(Outlay Rs. 205 lakhs)

There are 32 State Highways having a total length of 2,028 km. The provision is for improving and developing about 30 km. of these roads and for constructing bridges wherever necessary. The cost of construction of parallel service roads to the National Highways and land acquisition charges of the by-passes coming within the Municipal limits will also be met from this plan provision.

2. District and other Roads

(Outlay Rs. 315 lakhs)

As on March 1980 the State Public Works Department was maintaining 5,544 km. of major district roads and 7,049 km. of other district roads. Most of these roads need widening and improvements. The outlay provided for 1982-83 is for new construction, development and improvements and construction of bridges and culverts on major district roads. It is proposed to improve a length of about 80 km. along major district roads during 1982-83. This is inclusive of the outlay for construction of bridges and culverts on other district roads.

3. Rural Roads (Minimum Needs Programme)

(Outlay Rs. 424 lakhs)

The State Public Works Department was maintaining only 8,997 km. of rural roads (1948 km. of village roads and 7,049 km. of other district roads) as on March 1980. Development and improvement of a portion of this road length and construction of bridges and culverts under village roads will be taken up during the Annual Plan period. Those roads, coming under agencies like Panchayats, and having bus traffic are also proposed to be taken up by Public Works Department and improved on a priority basis under the scheme. It is proposed to improve about a length of 320 km. of rural roads during the plan period 1982-83. The provision includes Rs. 4 lakhs for investigation under district and other roads.

4. Machinery and Equipment

(Outlay Rs. 10 lakhs)

Many of the existing machinery and equipment in the State Public Works Department are very old and require repairs and replacements. The provision is for maintaining the existing machinery and also for the purchase of some new equipment.

5. Planning, Research, Survey and Investigation

(Outlay Rs. 27 lakhs)

The provision earmarked is for equipping the laboratories of the Kerala Highway Research Institute and for investigation and planning connected with roads and bridges.

6. Railway Safety Works

(Outlay Rs. 6.50 lakhs)

Railway safety works such as construction of approach embankments to overbridges and other works connected with railway level crossings in State Highways, major and other district roads and village roads will be taken up with this provision.

7. Other Schemes

(i) Hill Highway

(Outlay Rs. 25 lakhs)

The outlay earmarked is for the construction of a hill highway running South to North of Kerala State through hilly areas so as to improve the communication facilities in the forest regions and by constructing link roads to open up inaccessible forest areas. Such a hill highway is proposed to be constructed by improving the existing roads, providing missing links, improving the existing cross roads which branch off from the proposed hill highway and constructing new link roads.

(ii) Improvement of Roads in Cities of Trivandrum, Cochin and Calicut

(Outlay Rs. 43 lakhs)

The roads within the city limits of Trivandrum, Cochin and Calicut are proposed to be improved in order to meet the requirements of the present traffic. These roads need not only strengthening but also widening. Improvements of geometrics of the junctions are also required.

(iii) Improvement of Town and Municipal Roads

(Outlay Rs. 13 lakhs)

The existing roads within town limits in most of the towns in Kerala need urgent improvement works so as to regulate traffic and reduce accidents. The provision made in the Plan is to improve the roads in some of the major towns like Quilon, Alleppey etc. on a priority basis.

(iv) Roads of Industrial Importance

(Outlay Rs. 4.50 lakhs)

The provision is for the improvement of roads leading to industrial belts in the State.

(v) *Roads in Harijan Settlements and Tribal Areas*

(Outlay Rs. 160 lakhs)

The deficiency in communication facility in tribal areas and scheduled caste settlements is proposed to be made good by providing roads connecting tribal areas and scheduled caste settlements with schools, market places, hospitals, dispensaries etc.

(vi) *Rubberisation of Roads*

(Outlay Rs. 7 lakhs)

It has been found that rubberised bituminous road surfacing has a longer life and better riding surface under normal conditions. The outlay earmarked in the Annual Plan is to try out, on an experimental basis, the use of rubberised bitumen for surfacing 5 to 10 km. of road in all district headquarters.

(vii) *Providing Access to Islands*

(Outlay Rs. 12 lakhs)

The provision is for investigation and commencement of preliminary works for the construction of bridges connecting islands.

(viii) *Improving Accident Prone Spots in Highways and Other Roads*

(Outlay Rs. 10 lakhs)

The provision is to improve the geometrics of accident prone spots and create proper environment for safe driving.

(ix) *Special Repairs and Maintenance of Roads to Rectify Flood/Cyclone Damages*

(Outlay Rs. 25 lakhs)

Natural calamities by floods and cyclones seriously affect the condition of roads and bridges. The provision is to rectify such damages to roads and bridges.

(x) *Roads of Economic Importance—State Share*

(Outlay Rs. 8 lakhs)

The outlay earmarked in the Plan is for the development and improvement of roads of economic importance executed by the National Highway Wing of Kerala State Public Works Department.

(xi) *Roads in Backward Hilly Areas*

(Outlay Rs. 325 lakhs)

The whole length of the eastern side of the State still remains backward in many respects. The provision made in the Annual Plan is to improve the communication facilities of these hilly regions of the State by constructing new roads, improving and developing the existing village roads and other hilly tracks etc., and connecting them to the proposed hill highway and major and other district roads

6.3 Road Transport

Kerala State Road Transport Corporation owns about a third of the total passenger fleet in the State. At the end of March 1981, the fleet strength of the Corporation was 3112. About 71 crore passengers made use of the services of the Corporation during 1980-81. During the Sixth Plan period (1980-85) the Corporation proposes to invest Rs. 4104 lakhs on developmental activities of which the State Government contribution towards the capital of the Corporation will be Rs. 2000 lakhs. The Corporation is in possession of 853 vehicles aged above 10 years. With this large fleet of out-dated vehicles the Corporation will not be able to function economically. Frequent break-downs and consequent cancellation of schedules create operational problems. Hence the emphasis in the Annual Plan 1982-83 will be replacement of vehicles with a view to increasing operational efficiency.

During 1982-83, the Corporation proposes to commission 258 buses for replacing an equal number of old and depreciated buses. The Corporation does not propose to commence any additional schedule during this period. The requirements of additional services in existing routes due to increase in traffic are proposed to be met by rescheduling services and reducing cancellations. There will be no take over of private operators' services during the year. A total ban is also proposed to be imposed on purchase of land and civil works will be taken up only when they are essential for service operations. The total outlay

envisaged for the developmental activities for 1982-83 is shown below.

	<i>Rs. lakhs</i>
1. Vehicles	645.00
2. Land	10.00
3. Buildings and Workshops	100.00
4. Plant and Machinery	15.00
5. Others	5.00
Total	<u>775.00</u>

The source-wise distribution of finance for the Plan is indicated below:

	<i>Rs. lakhs</i>
1. Capital Contribution by State Government	350.00
2. Capital Contribution by Railways	175.00
3. Internal Resources	50.00
4. Loans from L. I. C., Financing Institutions etc.	200.00
Total	<u>775.00</u>

6.4 Water Transport

Kerala has about 1,900 km of navigable waterways. These waterways have considerable potential for both passenger and goods transport. Their role in the development of the economy, particularly in the coastal areas needs no emphasis. This system has survived the test of time, inspite of the increasing competition from road and rail, because of its suitability in particular areas and types of cargo transported. A feature peculiar to the State of Kerala is the existence of almost a continuous chain of backwaters and lagoons separated from the sea by a narrow strip of land for the entire length of the State from South to North. But we have not been able to exploit this gift of nature adequately so far. In the context of the present fuel crisis water transport has assumed added significance. The Sixth Five Year Plan aims at strengthening and augmenting the water transport services and developing infrastructure facilities properly. Four agencies namely, The Public Works Department, The State Water Transport Department, Kerala Inland Navigation Corporation and The Kerala State Road Transport Corporation are responsible for the execution of the State's Plan Schemes under water transport. The Annual Plan proposals under water transport for 1982-83 are the following:—

Assistance to Transport Services (Kerala Inland Navigation Corporation)

(Outlay Rs. 30 lakhs)

The main objective of the Kerala Inland Navigation Corporation is to acquire vessels and develop and promote cargo transport by waterways. The Corporation has already entered into business activities with the introduction of passenger transport service. For the development of cargo transport the Corporation has already acquired three barges. The present proposal is to construct another barge at a cost of Rs. 17.5 lakhs. One dumb barge has already been converted to power barge. It is now proposed to convert one 250 tonne barge also for inter-district movement of cargo. Construction of a dry dock of size 150/35 feet to carry out the repairs of the barges of the Corporation and also to cater to the needs of other small vessels like the barges of the Port Department, tugs of Navy etc., is envisaged. The present ferry services managed by the Kerala State Road Transport Corporation in the Cochin Harbour area is expected to be handed over to Kerala Inland Navigation Corporation shortly. The Corporation proposes to construct two large size boats for passenger ferry. The provision includes Rs. 5 lakhs for the take-over of the Kerala State Road Transport Corporation ferry services during the Annual Plan period 1982-83. It is proposed to organise a few welfare projects in aid of Thoni Thozhilalies. The outlay provided is for giving assistance to the Corporation by way of share capital contribution.

2. *Land and Buildings and Terminal Facilities*
(State Water Transport Department)

(Outlay Rs. 3 lakhs)

The various jetty offices now used by the State Water Transport Department are not owned by the

Department. Some of them are owned by the Irrigation Wing of the Public Works Department. The transfer of these buildings to the State Water Transport Department is being considered by the Government. The outlay provided in the Annual Plan is for the acquisition of jetties, construction and improvement of waiting sheds at Alleppey and Muhamma, construction of ticket counter and repair of platform at Alleppey, Kottayam, Changanacherry and Muhamma and construction of a parcel office at Alleppey and provision of other terminal facilities.

3. *Acquisition of Fleet—Augmentation of Ferry Services*
(State Water Transport Department)

(Outlay Rs. 15 lakhs)

Under the scheme of acquiring 20 new boats for the augmentation of the ferry services of the Department, 4 boats have already been constructed before the Sixth Plan period. Seven boats have been constructed and launched during 1981-82. The construction of 3 boats is nearing completion and tenders have been invited for the construction of 4 boats. In addition to the remaining two boats, 20 new boats are also proposed to be constructed during this Plan period to replace the old boats. For the speedy conveyance of passengers, the acquisition of three or four fibre glass boats is also envisaged in the Plan.

4. *Workshop Facilities (State Water Transport Department)*

(Outlay Rs. 1 lakh)

The State Water Transport Department owns a workshop at Alleppey, which requires considerable improvement. Mini workshops are also proposed by the Department at Quilon, Kottayam, Changanacherry and Ernakulam. The outlay provided in the Plan is for the construction of additional workshops, improvement to the existing workshop and for the procurement of machinery and equipment.

5. *Inland canal schemes of the Public Works Department*

(a) *Centrally Sponsored Scheme—State Share*

(Outlay Rs. 25 lakhs)

At the commencement of the Sixth Plan period two major schemes, viz: (i) providing better inland water transport facilities in Champakara Canal and; (ii) improvements to West Coast Canal (Neendakara - Cheriazheekkal Canal) were under execution. Two more new schemes viz: (a) improvements to Cochin-Udyogamandal Canal; and (b) improvements to West Coast Canal—Cochin to Quilon section have also been included in the Sixth Five Year Plan programmes, anticipating clearance of these schemes by Government of India. The Champakara Canal Scheme is expected to be completed by the end of 1982-83. The programme for 1982-83 envisages the continuance of the two schemes already under execution and the commencement of the two new schemes in anticipation of their clearance by Government of India. The Plan

provision is towards the State share for the above Centrally Sponsored Schemes.

(b) *State Sector*

(Outlay Rs. 25 lakhs)

The programme under this sector is to complete all the spill-over schemes. There were about 40 schemes in progress spilled over to 1980-81. This also includes Third Plan schemes carried out initially under Central

Sector. But the major scheme 'Excavation of Badagara-Mahe Canal' has not been included in the present Sixth Plan proposals. It is estimated that an amount of Rs. 350 lakhs more will be required for completing this scheme. As the State Government is not in a position to take up this scheme due to financial constraints, Government of India has been requested to complete this project as a Central Sector Scheme fully financed by the Centre. Construction of Foot bridges, Jetty improvements to existing canals etc., will be taken up with the Plan provision under State Sector.

6.5 Tourism

The strategy of tourism development in the Sixth Plan is to develop circuits connecting centres of tourist importance. It is proposed to develop two such circuits viz.

- (i) Trivandrum-Veli-Kovalam-Ponmudi-Varkala Quilon-Aranmula-Kottayam-Kumarakam-Thekkady-Munnar-Cochin.
- (ii) Cochin-Trichur-Guruvayur-Cheruthuruthy-Malampuzha-Kottakkal-Kozhikode-Sultan Battery-Ezhimalai.

Apart from these two primary circuits, secondary circuits are also being planned. The programmes under this sector are being implemented by the State Tourist Department and the Kerala Tourism Development Corporation. A total outlay of Rs. 180 lakhs is allocated for tourism development for the year 1982-83. Scheme-wise outlays under tourism are indicated below.—

1. *Direction and Administration—Strengthening of Tourist Organisation*

(Outlay Rs. 3 lakhs)

This scheme is for strengthening the organisation of the Department of Tourism, mainly the publicity wing, and establishment of a Planning-cum-Research Wing so as to enable it to take up and implement schemes for development of tourism in the State in a better way. The provision for 1982-83 is for meeting the expenditure on the existing staff and the additional staff that may be appointed for the better functioning of the State Tourist Department.

2. *Tourist Transport Services*

(Outlay Rs. 5 lakhs)

The Kerala Tourism Development Corporation is already conducting transport services connecting important tourist centres like Kovalam, Kanyakumari, Thekkady etc. It is intended to strengthen the Transport Division of the Corporation by providing luxury coaches, cars, vans etc., for better transportation of the tourists visiting the State.

3. *Tourist Accommodation*

- (i) *Guest House at Kovalam*

(Outlay Rs. 0.55 lakh)

The provision is earmarked for meeting the expenditure towards payment of pay and allowances of the staff attached to the State Guest House at Kovalam.

- (ii) *Kerala Tourism Development Corporation*

(Outlay Rs. 125 lakhs)

The Kerala Tourism Development Corporation is implementing schemes for the development of tourist industry in the State. The outlay earmarked is towards the share capital contribution by the State to the Corporation. The major schemes now being implemented

by the K.T.D.C. are a middle class hotel project at Thampanoor and tourist complexes at Cochin and Bolgatty. Steps are also under way to commence the first phase of the work relating to Kumarakom project.

4. *Tourist Information and Publicity*

(Outlay Rs. 11.50 lakhs)

It is proposed to take up effective publicity measures through the production and distribution of literature, films and slides, publication of media advertisements, participation in important exhibitions and fairs and establishments of tourist information centres at various places both inside and outside the State. Promotion of local cultural programmes and Tourist Week Celebrations are also planned.

5. *Tourist Centres and other works*

(Outlay Rs. 25 lakhs)

In addition to the development of primary circuits, development of important tourist centres at Ponmudi, Ezhimalai, Kappad, Bekal etc., is envisaged as part of the secondary circuits. Construction of a new guest house at Attingal and an additional guest house at Kovalam being executed through the Kerala State Construction Corporation is progressing well. The Kerala State Construction Corporation has already taken up construction of additional guest houses at Trichur and Cannanore. Construction of a new guest house at Idukki and a V.I.P. guest house at Ernakulam, construction of dormitories at Quilon, Kanyakumari, Alwaye and Malampuzha and improvements to guest houses at various places are also planned during 1982-83. Provision is also made for improvements to gardens at Kanakakunnu Palace Compound.

6. *Other Schemes*

(Outlay Rs. 8.44 lakhs)

Other schemes include provision of financial assistance to Youth Hostel at Veli for meeting running expenditure, training of staff and guides, Master Plan for Tourism, Development of Pilgrim Centres at Malayattoor, Sabarimala, Varkala, Mambram, Kalady and Guruvayoor, construction of staff quarters and other miscellaneous schemes. Pilgrim Centres will be developed by providing dormitory type of accommodation for pilgrims. Selected tourist spots will also be developed.

7. *New Schemes*

(Outlay Rs. 1.51 lakhs)

New Schemes envisaged are the construction of a tourist information centre and auditorium in Park View compound, construction of an information centre at Ernakulam and a five star hotel at Trivandrum in the joint sector for which only a token provision is made in the Plan.

7. SOCIAL AND COMMUNITY SERVICES

7. SOCIAL AND COMMUNITY SERVICES

7.1 General Education

The main thrust in the field of general education during the Sixth Plan period will be on three areas viz., universalisation of primary education, improvement of quality of education and vocationalisation of education. Children of school going age who are still outside the schools will be provided facilities for enrolment. Adequate emphasis on improvement of physical facilities in the schools will also be made. Vocationalisation of education at the secondary stage as also qualitative improvement of higher education will be given greater stress during the plan period. The various programmes drawn up during the year 1982-83 are indicated below:

1. Elementary Education

1. Work Experience Programme in Primary Schools

(Outlay Rs. 6 lakhs)

Work experience is a regular curricular item in all primary schools. The programme is intended to develop basic attitudes towards work and basic skills in the children. The provision is to meet the expenditure of salary of instructors, construction of workshops, purchase of furniture, equipment, raw materials, etc. and for giving necessary in-service training to teachers and also for items of expenditure connected with the extension of the scheme.

2. Improvement of Science Education in Primary Schools

(Outlay Rs. 6 lakhs)

Teaching of science at the primary stage is very important because scientific attitude among the children has to be developed in the initial stage of schooling itself. The provision is for supplying necessary equipment in primary schools and for programmes to improve the quality of teachers through in-service programmes and other items of expenditure related to this programme.

3. UNICEF Assisted Programmes

(Outlay Rs. 0.50 lakh)

The two schemes sponsored under the UNICEF Assisted Programme are Curriculum Renewal Project and Comprehensive Access to Primary Education. Though UNICEF will be meeting the whole expenditure, initial expenses are to be borne by the State. The provision is to meet the initial expenses of the project. This may also help to accommodate further schemes with UNICEF Assistance.

4. Introduction of Socially Useful Productive Work

(Outlay Rs. 3 lakhs)

Under this scheme, socially useful productive work was introduced in primary schools as part of the work experience programme. The provision is to provide equipment, raw materials, etc. to the Government

Primary Schools for the introduction of the programme and also to give in-service training to the teachers involved in the programme. The provision is also for introducing new items and for meeting the expenditure in connection with the implementation of these new programmes.

Tribal Welfare

1. Opening of Primary Schools in Tribal Sub Plan Area

(Outlay Rs. 3.50 lakhs)

The amount provided is for the payment of salary of teachers appointed in the 21 Lower Primary Schools already started in the Tribal Sub Plan Area.

2. Supply of Furniture to New Schools in Tribal Sub Plan Area.

(Outlay Rs. 1 lakh)

The scheme is meant for the purchase of furniture to the new schools started in the Tribal Sub Plan Area.

3. Construction of School Building in Tribal Sub Plan Area

(Outlay Rs. 10 lakhs)

The new primary schools started in the Tribal Sub Plan Area are to be provided with adequate accommodation. The above provision set apart is for meeting the expenditure towards the construction of buildings.

4. Construction of Staff Quarters in the Tribal Sub Plan Area

(Outlay Rs. 5 lakhs)

In the tribal pockets, there are no accommodation facilities for the teachers with the result that the teachers are reluctant to work in such places. In order to overcome this difficulty, it is proposed to construct staff quarters attached to the new primary schools started in the Tribal Sub Plan Area.

Minimum Needs Programme

1. Additional Enrolment—Departmental L.P. Schools—Teacher Cost

(Outlay Rs. 30 lakhs)

The outlay proposed is to meet the expenditure towards salary of teachers to be appointed in the new Departmental L.P. Schools and new divisions in the existing Departmental L.P. Schools. It is proposed to appoint 210 teachers during the year 1982-83.

2. Opening of New Departmental L.P. Schools—Buildings

(Outlay Rs. 34.50 lakhs)

The scheme envisages construction of class rooms as a result of additional enrolment in the Departmental L.P. Schools and construction of buildings for the newly sanctioned Departmental L.P. Schools.

3. *Supply of Furniture to New Departmental L.P. Schools*

(Outlay Rs. 5 lakhs)

The provision is for the supply of furniture to new Departmental L. P. Schools.

4. *Additional Enrolment—Departmental U.P. Schools*

(Outlay Rs. 30 lakhs)

The plan provision is for meeting the salary cost of teaching and non-teaching staff (except Hindi Teachers) in the new Departmental U. P. Schools and new divisions in the existing Departmental U. P. Schools. One hundred and seventy-five teachers are expected to be appointed during the year 1982-83.

5. *Opening of New Departmental U.P. Schools—Building*

(Outlay Rs. 36 lakhs)

The provision is for the construction of class rooms as a result of additional enrolment in the Departmental U.P. Schools and for providing buildings for the newly sanctioned Departmental U.P. Schools.

6. *Supply of Furniture to New Departmental U.P. Schools*

(Outlay Rs. 5 lakhs)

The provision is for the supply of furniture to the new Departmental L.P. Schools.

7. *Supply of Furniture to Existing Departmental L.P. Schools*

(Outlay Rs. 5 lakhs)

The amount proposed is to meet the expenditure towards supply of furniture to existing Departmental L.P. Schools.

8. *Supply of Furniture to Existing Departmental U.P. Schools*

(Outlay Rs. 5 lakhs)

The provision proposed is for the supply of furniture in existing Departmental U.P. Schools.

9. *Improvement of Facilities in Primary Schools*

(Outlay Rs. 7 lakhs)

The scheme is intended to improve the physical facilities in Primary Schools by providing necessary equipment, teaching aids, and other items required in Primary Schools. It is also proposed to do construction work which becomes necessary to improve the facilities in Primary Schools.

10. *Strengthening of Primary Schools—Improvement of Selected Primary Schools*

(Outlay Rs. 10 lakhs)

The duties and responsibilities of the Headmasters of Primary Schools have increased to a considerable extent, leaving little time for academic supervision of the school. The provision is to meet the expenditure of 100 additional teachers appointed (one in each) in Government Primary Schools having heavy strength. The provision also includes the salary cost of 30 teachers to be appointed in 1982-83.

11. *Replacement and Addition of Departmental Schools—Buildings*

(Outlay Rs. 15 lakhs)

Some of the primary school buildings require immediate renovation or replacement. The provision is for this purpose.

12. *Minimum Site and Building for Primary Schools run in Rented Buildings*

(Outlay Rs. 30 lakhs)

Some of the Primary Schools are run in rented buildings. The provision is for providing minimum site and building for such schools.

13. *Appointment of Primary School Teachers from among Scheduled Castes/Scheduled Tribes*

(Outlay Rs. 2 lakhs)

The provision is for meeting the salary cost of teachers belonging to scheduled castes/scheduled tribes, appointed against the additional posts of L.P. teachers created.

14. *Additional Enrolment—Non-Government L.P. Schools—Teacher Cost*

(Outlay Rs. 34 lakhs)

The amount proposed is to meet the salary cost of teachers to be appointed in new aided L.P. Schools and new divisions of the existing aided L.P. Schools.

15. *Additional Enrolment—Non-Government U.P. Schools—Teacher Cost*

(Outlay Rs. 35 lakhs)

The outlay is for the payment of salary of teaching and non-teaching staff (except Hindi Teachers) to be appointed in new aided U.P. Schools and new divisions of the existing aided U.P. Schools. Nearly 1,000 teachers are to be appointed during 1982-83.

Other Programmes

1. *Removal of Backwardness including Education of Girls*

(Outlay Rs. 4 lakhs)

In order to achieve universalisation of primary education and reduction of drop-outs, it is necessary to identify backward areas where enrolment ratios are poor, especially among girls. 35 such pockets were identified and introduced the programme for stepping up enrolment particularly for girls and also to reduce wastage at the primary level. The provision is for starting new centres and for meeting the salary cost of Education Extension Officers working in the existing centres and other expenditure connected with the programme.

2. *Institute of Primary Education*

(Outlay Rs. 4 lakhs)

It is proposed to strengthen the academic and administrative wings of the Institute of Primary Education suitably. The amount proposed in the Plan is to meet the salary cost of additional staff to be appointed

and for the development programmes connected with primary education (Orientation courses, science corners, in-service training, depth courses, etc.

3. Health Education Programme

(Outlay Rs. 0.15 lakh)

The scheme envisages the supply of first aid boxes to primary schools and short term training to primary school teachers in health, hygiene and first aid.

4. Pre-Primary Education

(Outlay Rs. 4 lakhs)

The provision is for starting a Pre-Primary Teachers' Training Institute and for meeting the expenditure connected with the running of this Institute. It is also proposed to start a Model Nursery School attached to the Pre-Primary Teachers' Training Institute. The provision is also meant for implementation of the programmes for strengthening pre-primary sector and for improving the quality of pre-primary education in the State. The provision includes the cost of construction of buildings for the Pre-Primary Teachers' Training Institute and the Model Nursery School.

5. Establishment of Text Book Bank

(Outlay Rs. 0.25 lakh)

The outlay is for the expenditure in connection with the Text Book Bank in primary schools.

6. N. C. E. R. T. Assisted Programmes—State's Share

(Outlay Rs. 1.60 lakhs)

It is proposed to provide inservice education and to organise programmes of general nature like symposia, panel discussions, camps, etc., for professional teachers. The expenditure is to be met by the N.C.E.R.T. and State Government on a 50:50 sharing basis. The provision is to cover the scheme in the existing centres of continuing education and also to start additional units.

7. Experimental Project for Non-Formal Education

(Outlay Rs. 10 lakhs)

Four hundred and twenty-five centres for imparting non-formal education have been opened in 1979-80 attached to primary schools. These centres have been started on an experimental measure with a view to bringing the entire group (6-14) of drop outs under the programme. The provision is State's share (fifty per cent) to implement the programme.

II. Secondary Education

1. Additional Enrolment—Departmental Secondary Schools—Teacher Cost

(Outlay Rs. 36 lakhs)

The provision is to meet the salary cost of teaching and non-teaching staff (except Hindi teachers) to be appointed in new Departmental High Schools and new

divisions of the existing Departmental High Schools as a result of additional enrolment.

2. Building and Equipment to new Departmental High Schools including Supply of Soil Testing Equipments to Secondary Schools

(Outlay Rs. 30 lakhs)

The provision is for the construction of class rooms and for providing equipment and furniture to new Departmental High Schools and to new class divisions in the existing Departmental High Schools and also for constructing text book depots at District Headquarters and a Central Depot at Thrikkakkara.

3. Supply of furniture to Existing Departmental Secondary Schools

(Outlay Rs. 5 lakhs)

In the existing Departmental High Schools additional class divisions will become necessary due to additional enrolment of pupils. The provision under the scheme is intended to supply furniture to such high schools.

4. Construction of new buildings in the place of Temporary Schools

(Outlay Rs. 23 lakhs)

A number of high school classes are now held in temporary sheds. They are not suitable for conducting classes during heavy rains. Also they require frequent maintenance. The provision is for constructing permanent buildings replacing these temporary sheds.

5. Introduction of Vocational Courses in Selected Secondary Schools Upgrading them as Higher Secondary Schools

(Outlay Rs. 6 lakhs)

The ultimate objective of vocationalisation should be to strengthen the technical content of the educational system in the State in a manner that will enable matriculates, post matriculates to enter employment in the different occupations and sectors of the economy. It is proposed to introduce the scheme at the higher secondary level in a phased manner. The provision is for meeting the expenditure towards the salary of staff and supply of equipment and other item of expenditure connected with the programme.

6. Scholarships

(i) Creation of Scholarship Unit and Enhancement of Scholarships

(Outlay Rs. 2 lakhs)

The amount proposed is to create a Scholarship Unit in the Directorate and to award scholarships to students at the secondary stage.

(ii) Award of Scholarships to Meritorious Scheduled Caste/Scheduled Tribe students in Upper Primary/Secondary Schools

(Outlay Rs. 4 lakhs)

The provision is for the award of scholarship for the benefit of Scheduled Caste/scheduled Tribe students in Upper Primary/High Schools.

7. *Assistance to Non-Government Secondary Schools—Additional Enrolment—Teacher-Cost*

(Outlay Rs. 50 lakhs)

The provision is to meet the salary cost of teaching and non-teaching staff (except Hindi Teachers) to be appointed in aided secondary schools and additional divisions in the existing aided secondary schools.

Quality Improvement Programme

1. *Improvement of Science Education in Secondary Schools*

(Outlay Rs. 6 lakhs)

The provision is for conducting training programmes for the teachers, workshops, seminars, and discussion of teachers for the preparation of instructional materials, manuals etc. Programmes are also envisaged to activate the science clubs in schools and to make the pupils interested in science through suitable programmes like visits to places of scientific importance, science fairs, quiz etc.

2. *Work Oriented Education in Secondary Schools*

(Outlay Rs. 5 lakhs)

The programme of work-oriented education is at present undertaken in 173 secondary schools. The items of work experience introduced are garment making, home science, tailoring, printing, agriculture, spinning, electronics etc. The provision is for continuing the 'Work Experience Programme' in secondary schools and also for payment of salary of home science graduate teachers and cutting and tailoring teachers appointed under 'Half a Million Job Programme'.

3. *Vocational Guidance Programme*

(Outlay Rs. 1 lakh)

There is a trained Career Master in many of the secondary schools in the State, whose main function is to implement a programme of occupational information service to high school students. The provision is for arranging vocational guidance programme in secondary schools, production of cumulative records and for conducting district seminars.

4. *Improvement of Library and Laboratory Facilities in Departmental Secondary Schools*

(Outlay Rs. 7 lakhs)

The introduction of new syllabus has necessitated providing more library and laboratory facilities. The amount is for providing library and laboratory facilities to high schools in a phased manner.

5. *State Institute of Education*

(Outlay Rs. 6 lakhs)

The State Institute of Education is the academic development wing of the Education Department catering to the needs of primary, secondary and training schools in the matter of curriculum, syllabus and inservice training. The amount proposed is for the strengthening of the academic and administrative wings of the Institute,

conduct of seminars and inservice programmes and for construction of a hostel for the Institute.

6. *Institute of Science*

(Outlay Rs. 5 lakhs)

The Institute of Science is responsible for the qualitative improvement of the education of science in the State. The provision is for strengthening the Institute and also for the conduct of the qualitative improvement of the programmes of the Institute. Expenditure for conducting suitable inservice courses for science teachers and arrangements for the conduct of State Level Science Fair are to be met from this provision.

7. *Examination Reforms*

(Outlay Rs. 0.50 lakh)

To make examination objective based, organisation of workshops and training for paper setters for public examinations are necessary. The amount provided is for implementing the programme.

8. *Revision of Curriculum*

(Outlay Rs. 1 lakh)

Based on the experience of teachers and evaluation study, periodical revision of curriculum will have to be undertaken. The provision made is for the purpose.

9. *School Complex Programme*

(Outlay Rs. 1 lakh)

For breaking the isolation existing between primary and secondary schools and for cross utilisation of resources available at the two levels of institutions, school complexes are recommended as an effective measure. The provision is to meet the contingent expenses for discussions and meetings connected with scheme.

10. *Strengthening of Staff of Large Secondary Schools*

(Outlay Rs. 3 lakhs)

Increasing duties and responsibilities of the Headmasters of secondary schools, leave very little time for them for academic supervision in the schools. The provision is to meet the cost of one additional teacher each to be appointed and already appointed in large secondary schools to relieve the Headmaster of his routine work.

Other Programmes

1. *Library Movement*

(Outlay Rs. 2.50 lakhs)

The provision is for the payment of contribution to the Raja Ram Mohan Roy Library Foundation and for meeting the expenses of the State Planning Committee of the Foundation.

2. *Popularisation of Science Literature*

(Outlay Rs. 0.50 lakh)

The provision is for implementing schemes for popularisation of Science Literature among students. It is

proposed to bring out suitable publications useful to students to make them interested in Science. It is also proposed to give assistance to voluntary agencies doing useful work for popularising science among students.

3. *Coaching Classes for Scheduled Caste/Scheduled Tribe Students in S.S.L.C. Classes*

(Outlay Rs. 3 lakhs)

The amount proposed is to meet the expenditure connected with the special coaching classes to Scheduled Caste/Scheduled Tribe Students for the S.S.L.C. Examination.

4. *Formation of Society for School Promotion and Development.*

(Outlay Rs. 4 lakhs)

The scheme envisages the formation of a society for school promotion and development. The society will raise resources from financial institutions for the construction of school buildings on the lines of the Health Research and Welfare Society which is undertaking construction of paywards attached to hospitals. The profits earned through the sale of text books and note books will also be utilised for the school construction programme.

5. *Population Education in Secondary Schools—State's Share*

(Outlay Rs. 1.50 lakhs)

This is a new scheme to be introduced in primary and secondary schools, with Central assistance including assistance from N.C.E.R.T. The scheme envisages the introduction of the subject "population education" in school curriculum while incorporating suitable lessons in text books, provision of guidelines and training to teachers. The provision also includes creation of a 'population education cell' in the State Institute of Education.

6. *Education, Research and Training*

(Outlay Rs. 2 lakhs)

The provision is intended for encouraging research of the various on-going plan and non-plan programmes, to determine their effectiveness and also to decide on the changes to be made. It is also proposed to take up training programme for educational administrators at different levels to strengthen the implementation of the plan and improvement programmes.

III. *Teacher Education*

1. *Teacher Training—Primary*

(Outlay Rs. 7 lakhs)

The provision is to meet the expenditure towards the training programmes of primary school teachers during 1982-83.

2. *Teacher Training—Secondary*

(Outlay Rs. 5 lakhs)

The amount proposed in the plan is to meet the expenditure to be incurred in connection with the

inservice training programme of high school teachers and for providing additional facilities in the existing Basic Training Schools for specialisation.

IV. *University Education:*

(a) *Development of Universities:*

1. *Assistance to Universities*

(Outlay Rs. 120 lakhs)

The assistance to Universities is meant for the expansion and strengthening of the existing Schools and Departments and for providing physical and infrastructure facilities necessary for the Kerala, Cochin and Calicut Universities.

2. *Ship Technology Course:*

(Outlay Rs. 1 lakh)

The Plan provision is for giving financial assistance to the University of Cochin for the development of Ship Technology Course.

B. *Development of Colleges*

1. *Starting of New Government Colleges*

(Outlay Rs. 14 lakhs)

The provision is to meet the expenditure towards the salary of teaching and non-teaching staff appointed and to be appointed in the 10 Government Colleges started during the Years 1980-81 and 1981-82.

2. *Buildings for Existing Colleges*

(Outlay Rs. 15 lakhs)

The provision is for meeting the expenditure in connection with the construction work in Government Colleges which were started before 1978-79.

3. *Upgrading of Colleges*

(Outlay Rs. 3 lakhs)

The amount proposed is meant for the Salary of the Staff newly appointed in connection with the upgradation of Government Colleges.

4. *Starting of New Courses in Government Colleges*

(Outlay Rs. 10 lakhs)

The provision is to meet the expenditure in connection with the appointment of staff already made and to be appointed in connection with the starting of new courses in Government Colleges.

5. *Introduction of Shift system/Evening Courses in Government Colleges*

(Outlay Rs. 35 lakhs)

The amount provided is towards the cost of teaching and non-teaching staff appointed in connection with the introduction of shift system in Government Colleges.

6. *Introduction of Part-time Courses in Law Colleges*

(Outlay Rs. 1 lakh)

The scheme envisages the continuance of the Evening courses in LLB in the Government Law Colleges. The provision also includes the starting of part-time LLB course in Government Law College, Calicut.

7. *Hostels and Staff Quarters*

(Outlay Rs. 10 lakhs)

It has been accepted in principle that all colleges in the State should be provided with hostels and staff quarters. The provision is for the construction of hostels and staff quarters attached to Government Colleges.

8. *Book Bank Scheme in Government Colleges*

(Outlay Rs. 2 lakhs)

The scheme envisages introduction of Text Book Banks in all Government Colleges in the State so as to give text books on loan to students who are economically backward and to scheduled caste and scheduled tribe students.

9. *Vocationalisation at Plus Two Stage*

(Outlay Rs. 0.50 lakh)

The amount proposed is for giving salary to teachers appointed in connection with the starting vocational courses in selected Colleges in the State at the Pre-Degree level.

10. *Direct Payment of Salary to Private College Teachers in Connection with Shift System, Upgradation and Starting of New Courses*

(Outlay Rs. 95 lakhs)

The provision is to meet the salary of staff (Teaching and Non-teaching) appointed in connection with starting of new courses, shift system, upgradation and new colleges under the private sector.

*Scholarships*1. *Renewal of Scholarships*

(Outlay Rs. 2 lakhs)

The amount proposed is for the renewal of scholarships granted to students in Arts, Science, Music, Sanskrit and Sports.

2. *Awards for Students*

(Outlay Rs. 2 lakhs)

It is proposed to institute an award scheme on district basis to make this benefit available to students in backward regions also. Ten students who secure the highest marks in the S.S.L.C. Examination in each Revenue District will be given a merit award every year at the rate of Rs. 2000 so long as they continue their studies without failing in examinations.

C. *Other Programmes*1. *Students Amenities*

(Outlay Rs. 1 lakh)

The scheme includes the provision of amenities like water cooler and steel furniture to students in Government Colleges.

2. *Implementation of U.G.C. Assisted Schemes*

(Outlay Rs. 10 lakhs)

The scheme is intended to give matching contribution to construction works in Government Colleges assisted by University Grants Commission.

3. *Development of Under-Graduate and Post-Graduate Study in Government Colleges with U.G.C. Assistance*

(Outlay Rs. 1 lakh)

The scheme is meant for the payment of matching grant to U.G.C. assisted schemes to improve educational facilities in Government Colleges at the under-graduate and post-graduate levels. The purpose of the scheme is to provide Government Colleges with books, journals, laboratory equipment etc.

4. *Study Tour*

(Outlay Rs. 1 lakh)

Study tour is an integral part of the syllabus in science faculties like Biology, Chemistry, Geography, Geology, etc. The provision is for meeting the expenses connected with study tours in Colleges.

5. *Research*

(Outlay Rs. 1 lakh)

If some additional facilities are provided in the laboratories and libraries of some of the leading Government Colleges, they could be raised to the level of Research Centres. The amount proposed is to provide research facilities in three Government Colleges in the State (University College, Trivandrum, Maharaja's College Ernakulam and Government Victoria College, Palghat)

6. *Furniture, Library and Laboratory Equipment*

All Government Colleges have to be provided with adequate furniture, library and laboratory equipment. The need has become greater with the introduction of shift system and new courses in Government Colleges. The provision is for meeting the expenditure on the purchase of furniture, equipment, books etc.

7. *Cost of Land Transferred from Ministry of Defence, Government of India*

No provision is earmarked for this scheme for 1982-83.

8. *Remedial Courses—Special Coaching Classes for Scheduled Caste/Scheduled Tribe Students*

(Outlay Rs. 2 lakhs)

The scheme is meant for starting special coaching classes to Scheduled Caste/Scheduled Tribe students

at the Pre-Degree and Degree levels in Science subjects. The scheme has been implemented in 40 Colleges (Government and Private). The scheme is to be extended to some other Colleges. The provision is for the purpose.

9. *I. A. S. Coaching Centres*

(Outlay Rs. 1 lakh)

The scheme envisages the starting of I. A. S. Coaching Centres for Scheduled Caste and Scheduled Tribe students at Government Victoria College, Palghat and Government Arts and Science College, Calicut.

10. *Book Bank Scheme in the Cosmopolitan Hostels*

(Outlay Rs. 1 lakh)

The provision is meant for equipping three of the major cosmopolitan hostels with books (Trivandrum, Ernakulam and Calicut) to be given on loan to Scheduled Caste/Scheduled Tribe students residing there. It is proposed to implement the scheme in all cosmopolitan Hostels during 1982-83.

11. *State Institute of Languages*

(Outlay Rs. 16 lakhs)

The provision is to meet the expenditure for production of literature and other programmes like the conduct of seminars and conferences, award of incentive prizes for production of books in Malayalam, production of bulletins and journals, study in humanities and Kerala culture, production of Science Dictionary and development of the Regional Centre of the Institute. The provision also includes construction of a building for the Institute.

12. *The State Institute of Encyclopaedia Publications*

(Outlay Rs. 5 lakhs)

The amount proposed is for the continuance of the existing scheme and for implementing new schemes like publication of Children's Encyclopaedia and Publications of Encyclopaedia of Dravidian Culture.

13. *Building for Law College, Calicut*

(Outlay Rs. 2 lakhs)

The provision is for the construction of a building for the Law College, Calicut.

V. *Adult Education*

Minimum Needs Programme

1. *Adult Education Programmes*

(Outlay Rs. 7.50 lakhs)

The provision is for continuing the existing programmes such as the Adult Education Cells in the Directorate, District and in the Secretariat, expenditure towards the Adult Education Board and Committee, publicity and propaganda, incentive awards, purchase of equipment etc.

2. *Adult Education Programme for Scheduled Caste/Scheduled Tribe*

(Outlay Rs. 2.50 lakhs)

The provision is for undertaking adult education programme for the benefit of the Scheduled Caste and Scheduled Tribe population in the State. The scheme envisages the opening of Model Centres for Scheduled Caste/Scheduled Tribe population.

VI. *Physical Education, Youth Welfare and Sports*

1. *Improvement of Physical Education in Schools and Development of Scouting and Guiding*

(Outlay Rs. 5 lakhs)

Since education aims at the overall development of the individual, it is necessary to provide required facilities for physical education also in schools. The Plan provision made is therefore to meet the expenditure for improving the physical education in schools and also for the development of scouting and guiding.

2. *Physical Education Colleges*

(Outlay Rs. 2 lakhs)

The Physical Education College at Calicut has recently started functioning. The provision is for meeting the expenditure towards the salary of staff and for providing accommodation and equipments for the Physical Education College, Calicut.

3. *Constitution of a Youth Welfare Board*

(Outlay Rs. 1 lakh)

The provision earmarked is for the continuance of the Youth Welfare Board.

4. *Youth Festivals*

(Outlay Rs. 3 lakhs)

The provision is for giving assistance for the conduct of youth festivals at District and State levels and 'Balakalolsavams'. Programmes are also envisaged to give further encouragement and training to those who are found to be outstanding at the State level youth festival.

5. *N.C.C./N.S.S.*

(Outlay Rs. 3 lakhs)

The provision is for construction works, creation of a publicity cell in the Directorate of N.C.C., expansion of N.C.C. units etc. The provision also includes the development programmes of National Service Schemes.

6. *Planning Forum*

(Outlay Rs. 1 lakh)

The amount proposed is for giving grant-in-aid to the Planning Forum Units functioning in Arts, Science and Professional Colleges in the State.

7. *Promotion of Kalarippayattu and Circus*

(Outlay Rs. 1 lakh)

The scheme envisages the setting up of full fledged 'Kalaries' in all the District Headquarters on a phased

programme by giving grants to private agencies coming forward to undertake the work. The provision is also for starting a Circus Training Centre at Tellicherry

8. *Assistance to Kerala Sports Council*

(Outlay Rs. 45 lakhs)

The major items of expenditure incurred by the Sports Council are the maintenance of sports hostels for schools and colleges, salary to coaches, stipends to trainees in National Institute of Sports, supply of sports equipment to district sports councils, assistance to rural sports centres and village recreation clubs, conduct of coaching camps, maintenance of playgrounds, establishment charges of the Sports Council, financial assistance of sportsmen in indigent circumstances etc. The provision made in the Plan is for giving grants to Kerala Sports Council for undertaking the above programmes.

9. *Sports School, Trivandrum—Opening of New Sports Schools*

(Outlay Rs. 10 lakhs)

The provision is for providing necessary facilities in the Sports school, Trivandrum, and the sports divisions and also for starting two Sports Schools at Kottayam and Kottakkal.

VII. *Direction, Administration and Supervision*

1. *Strengthening of Supervision and Administration (Primary)*

(Outlay Rs. 2 lakhs)

For the purpose of supervising the non-formal education and also for achieving universalisation in the field of primary education, it is necessary to strengthen supervision and administration. The provision is for the purpose.

2. *Strengthening of Administration and Provision of Vehicles*

(Outlay Rs. 48 lakhs)

The Plan provision is for the strengthening of the Department of Public Instruction at all levels. It is also intended to provide vehicles to District Officers and senior officers of the Department.

3. *Strengthening of Planning Machinery in the Directorate of Public Instruction*

(Outlay Rs. 1.50 lakhs)

The Department requires a strong planning machinery at the headquarters and in each of the educational districts. The provision is for the appointment of the required staff and also for the purchase of a vehicle for the Central unit.

4. *Strengthening of Planning, Statistics and Administrative Wings of the Directorate of Collegiate Education*

(Outlay Rs. 2 lakhs)

The scheme envisages the strengthening of the Planning and Statistical Cell, Provident Fund and Pension Sections, Audit Wing and Scholarship Unit of the Directorate of Collegiate Education. The Plan provision is towards this end.

5. *Strengthening of Zonal Offices—Deputy Directorate of Collegiate Education*

(Outlay Rs. 1.50 lakhs)

The provision proposed is for strengthening the three Zonal Offices of the Directorate of Collegiate Education at Quilon, Ernakulam and Calicut.

VIII. *Other Programmes including Special Education*

1. *Improvement of Facilities in the Existing Special Schools*

(Outlay Rs. 6 lakhs)

The existing facilities in the Departmental Special Schools (for the blind, deaf and dumb) are inadequate. The provision is for providing necessary facilities to such schools and for the bifurcation of two special schools.

2. *Integrated Education of the Handicapped—State's Share*

(Outlay Rs. 1.50 lakhs)

The provision is towards State's share (50 per cent) for implementing the scheme. The amount is meant for providing additional facilities in the five Departmental Schools in the State for integrated education of the handicapped.

5. *Development of Sanskrit Education*

(Outlay Rs. 5 lakhs)

The provision is for award of scholarships to students and also for the conduct of orientation courses to teachers and for other programmes to improve quality of Sanskrit teaching.

4. *Establishment of a Regional Institute for Language Training*

(Outlay Rs. 3 lakhs)

The scheme envisages imparting inservice and orientation courses to all categories of language teachers.

5. *Appointment of Hindi Teachers in Non-Hindi speaking States (State's Share)*

(Outlay Rs. 12 lakhs)

The provision is the State's share (50 per cent) for appointing Hindi teachers in Upper Primary Schools and High Schools.

7.2 Art and Culture

The State's policy all along has been one of extending all possible assistance and encouragement to voluntary agencies and organisations engaged in preservation and promotion of art and culture. The various programmes included under this head in the 1982-83 Annual Plan are outlined below:—

1. *Music Colleges and Music Academies*

(Outlay Rs. 3.20 lakhs)

The outlay is meant for providing additional facilities like equipment, furniture and books and for giving salary to the teachers appointed in connection with starting of new courses in the three Music Colleges. Provision is also made for constructing an air conditioned library with tape recording facilities at Sree Swathi Thirunal College of Music, Trivandrum and for establishing visiting professorship in all the three Music Colleges.

2. *Kerala Sahitya Academy*

(Outlay Rs. 2.50 lakhs)

The Academy is engaged in promotion of literature. Its main activities include award of scholarship to those doing research work, financial aid to men of art and letters and to conduct study tour, financial assistance for publication of books, award to men of arts and letters, publication of periodicals, award of scholarship to literary students, preparation of "Viswa Sahityam" in Malayalam, translation of Malayalam books into other languages and from other languages into Malayalam, and giving awards to authors of literary works of outstanding merit, etc. The outlay is for these activities.

3. *Kerala Sangeetha Nataka Academy*

(Outlay Rs. 1.70 lakhs)

The amount provided is for the construction of administrative building, bi-centenary celebrations of the Poet Laureate Irayimman Thampi, Centenary celebrations of Malayalam Drama, seminar on professional short term theatre training course in five districts, publication of books, inter-State exchange of cultural troupes etc.

4. *Kerala Lalitha Kala Academy*

(Outlay Rs. 1.20 lakhs)

The Academy is being reconstituted. Its main function is to encourage fine arts. Apart from continuing the present activities, the Plan provision is also meant for the construction of an art gallery for organising one-man exhibitions of paintings, as well as paintings by a group of artistes at the Academy at Trichur.

5. *Kerala Kalamandalam*

(Outlay Rs. 2.50 lakhs)

The Plan provision is for meeting the expenditure on the continuing schemes and also for construction of open theatre, shifting of museum to the Poet

Vallathol's house and for providing facilities for research on subjects related to the art forms of Kerala.

6. *Development of Traditional Art Forms (Vastu Silpa, Thalavadya etc.)*

(Outlay Rs. 0.25 lakh)

In order to preserve and promote the traditional wisdom of architecture most suited to the climatic conditions and cultural personality of the State, a Vastu Vidyalaya is proposed to be established. The provision is for the above programme.

7. *Kathakali (Thekkankalari and Koodiyattam at Trivandrum)*

(Outlay Rs. 1.25 lakhs)

The provision made in the plan is for the functioning of schools for Thekkankalari in Kathakali and a performance-cum-Training Institute for Koodiyattam at Trivandrum.

8. *Kerala History Association*

(Outlay Rs. 0.60 lakh)

The outlay is for giving financial assistance to the Kerala History Association for "Makers of Modern Kerala" and the works connected therewith.

9. *Kerala Gazetteers*

(Outlay Rs. 1.30 lakhs)

The outlay provided is for continuing the existing programmes and for publishing Malappuram District Gazetteer, publishing supplements to Ernakulam District Gazetteer, Compilation of the District Gazetteers for the newly formed districts of Idukki and Wynad, preliminary preparation of State Gazetteer, etc.

10. *Non-Recurring Grants to Cultural Activities*

(Outlay Rs. 0.50 lakh)

The outlay provided is for giving non-recurring financial assistance to voluntary organisations for the promotion of art and culture.

11. *Financial Assistance to Men of Arts and Letters*

(Outlay Rs. 4 lakh)

The provision made in the Plan is for granting pension to writers and artists who live in indigent circumstances.

12. *Memorials to Eminent Men of Arts and Letters*

(Outlay Rs. 0.50 lakh)

At present there are mainly three memorials viz., Thunchan Memorial at Tirur, Asan Memorial at Thonnakkal and Kunchan Memorial at Ambalapuzha. The outlay is meant for the establishment and maintenance of these memorials.

13. *Grant-in-aid to Authors for Production of Books*

(Outlay Rs. 0.50 lakh)

The provision is meant for providing financial assistance to authors who are not able to meet the cost of publication by themselves. The assistance is available only for production of books of literary or educative value.

14. *Archaeology (Including Archaeological Museum)*

(Outlay Rs. 13 lakhs)

The provision made is for continuing the various schemes already taken up such as the reorganisation of the Department, Institute of Folklore and Folk Arts, School of Epigraphy etc. The provision is also intended for functioning and development of the Archaeological Museum, Ernakulam.

15. *Archives*

(Outlay Rs. 3.50 lakhs)

The amount provided is for continuing the existing schemes of the State Archives Department, such as the construction of building for the Department, purchase of equipment for better preservation of age-old records, acquisition of records of historical importance and archival value, training programme, etc.

16. *Development of Museum and Zoos*

(Outlay Rs. 7.50 lakhs)

The State has three Museums and Zoos complexes located at Trivandrum, Trichur and Calicut. The Sri Chithra Art Gallery at Trivandrum is also under

the control of the Department of Museums and Zoos. The provision made in the Plan is for continuing the existing schemes such as construction of a new building for Sri Chithra Art Gallery, development of Trichur Museum and Zoos, development of Art Gallery at Calicut, expansion of Museum and Zoo at Trivandrum and strengthening the administrative set up in the Directorate.

17. *Public Library, Trivandrum*

(Outlay Rs. 5 lakhs)

The schemes under implementation in the Public Library, Trivandrum are:—

- (i) installing a micro-film unit and
- (ii) air-conditioning a portion of the Public Library building.

The Plan provision is for continuing these schemes and also for the construction of building for Childrens Library and Book Preservation Laboratory.

18. *Kerala Grandhasala Sanghom*

(Outlay Rs. 5 lakhs)

The Kerala Grandhasala Sanghom is the co-ordinating agency in the State's Library Movement. The amount provided is meant for enhancing the grant amount given to libraries and also for continuing the existing schemes and for implementing schemes like Home Distributing, Village Libraries, in-service training to libraryworkers, reference centres to selected village libraries, mobile film unit, building construction, furniture and purchase of a printing press.

7.3 Technical Education

In the field of technical education the main emphasis in the Sixth Plan will be qualitative improvement rather than quantitative growth. The Annual Plan for 1982-83 provides for a programme of modernisation of facilities and integration of curriculum development schemes for upgradation of the Trivandrum Engineering College, starting of new Government Polytechnics and diversification of courses are included in the Plan. The details of the schemes proposed are given below:

1. *Direction and Administration*

(Outlay Rs. 17 lakhs)

The Directorate of Technical Education needs adequate machinery for manpower assessment, planning and monitoring, evaluation of programmes, academic inspection wing, examination wing etc. The manpower cell has to be strengthened. The planning wing, examination wing and the academic inspection wing which have been already sanctioned have to be continued and strengthened suitably. The remuneration and T.A. to the question setters and examiners have also to be given. Again, equipments have to be procured for the newly created examination cell. When the officers of the Directorate are sent for training the expenditure towards T.A., course fees etc., have to be met. In these days of specialisation and rapid changes, the manpower requirements vary so swiftly. There is need to periodically monitor the requirements of industry and plan changes in course curriculum and also advise students and parents. For this purpose there is need for opening a Vocational Counselling Cell in the Directorate in liaison with the Manpower Cell and also in all technical institutions.

Though provision was made in the earlier Annual Plans for the construction of a building for the Directorate, a suitable site is yet to be allotted. The office is at present housed in an old and inconvenient build and hence it is essential to have a new building for Directorate. The provision made in the Plan is for above programmes including capital works of the Directorate.

2. *Junior Technical Schools*

(Outlay Rs. 6.50 lakhs)

The facilities in the junior technical schools such as equipment, buildings and staff have to be improved and modernised. The Plan provision is for the consolidation of facilities and construction works.

3. *New Junior Technical Schools*

(Outlay Rs. 20 lakhs)

The four new junior technical schools started earlier have to be equipped suitably. The salary and other expenses of the staff have to be met. The provision is made for the salary and allowances of staff, contingencies, purchase of equipment, furniture, land acquisition and civil construction works of these institutions. The provision is also for the starting of new junior technical schools in selected areas.

4. *Vocationalisation of Education at Post Secondary Stage in Junior Technical Schools*

(Outlay Rs. 0.10 lakh)

It is under the active consideration of Government to introduce vocationalisation at plus two stage. In junior technical schools, vocationalisation has already been implemented at the secondary education level. It is proposed to introduce vocationalisation in these institutions at the plus two stage. A token provision is made for the introduction of this scheme.

5. *Polytechnics*

(Outlay Rs. 11 lakhs)

The polytechnics in the State are at different levels of growth and need consolidation and modernisation of facilities in the workshops, laboratories and class rooms. Expenditure on consumables for project work and experimentation has to be increased to make the training more meaningful. There is need for providing additional supervisory staff in the institutions. For the better functioning and inter-action with industry, vehicles are necessary in major polytechnics. The outlay provided is for the above purpose and also for construction activities of the institutions.

6. *New Polytechnics*

(Outlay Rs. 27.50 lakhs)

Government had accorded sanction for the starting of two polytechnics in the Government sector, one in Idukki District and the other in Palghat District. The polytechnics have already started functioning. The expenditure on the salary of staff, purchase of equipment, land acquisition, construction of buildings etc. has to be met from Plan funds. The Plan provision made is for the above purpose and also for starting more polytechnics in the State.

7. *Engineering Colleges and Institutions*

(Outlay Rs. 15 lakhs)

The existing facilities in the Engineering Colleges have to be consolidated and modernised on a par with the present day requirement. Quality testing facility, additional class rooms, furniture, equipment etc., are required to meet the increased intake of students and diversification of courses with additional electives. Vehicles are to be purchased for the use of Government Engineering Colleges. Also administrative and office staff have to be strengthened suitably. The provision is for the above purpose and also for the construction activities in the Colleges.

8. *Starting of one Engineering College*

No provision is earmarked for 1982-83.

9. *Assistance to Computer Centre*

(Outlay Rs. 3 lakhs)

The outlay is for the expenditure towards the maintenance of the I.B.M. 1620 Computer installed in the

College of Engineering, Trivandrum. The provision is also for the purchase of punching machines, ancillary and peripheral equipment, consumables etc., in the Computer Centre and for computer time in V.S.S.C. and other Centres.

10. *Assistance to Regional Engineering College, Calicut*
(Outlay Rs. 2 lakhs)

The provision made in the Annual Plan is to meet the State's share of expenditure for the development of the campus of the Regional Engineering College, Calicut.

11. *Part-time Courses*
(Outlay Rs. 3 lakhs)

The Plan provision is for meeting salary and contingent expenditure in respect of the part-time Degree Course for Diploma holders being conducted in the Engineering Colleges at Trivandrum and Trichur. The provision made is also for the starting of new part time courses.

12. *Granting of Autonomy to one Engineering College*
(Outlay Rs. 0.10 lakh)

It is the recommendation of the All India Council for Technical Education that technical institutions which have reached a sufficient level of development with respect to physical facility, faculty development, capacity for innovation in education methods and acceptance by the employers may be granted autonomy so that they can develop in a planned manner. It is therefore proposed that one engineering college in the State be given autonomous status to start with. The provision is for this purpose.

13. *Private Engineering Colleges*
(Outlay Rs. 7 lakhs)

The Plan provision is for the payment of grant to the private engineering colleges at the approved rates of the total cost of development and expansion, construction of buildings, purchase of equipment, introduction of new courses, expenditure towards revision of staff structure etc., including the consolidation of the electronics, chemical engineering and production engineering courses at T.K.M. College of Engineering, Quilon, instrumentation control engineering at N.S.S. Engineering College, Palghat and recurring expenditure thereon viz., payment of salaries to staff etc. A few courses are also proposed to be started in the private engineering colleges. The provision is also for the matching grant of State for schemes with direct central assistance.

14. *Private Polytechnics*
(Outlay Rs. 4 lakhs)

The outlay is for giving grant at the approved rates of the total cost of development in the private polytechnics and also for the matching grant of States for the schemes with direct Central assistance.

15. *Food Craft Institute*
(Outlay Rs. 10 lakhs)

The outlay is to meet the State's share for the development of the campus and additional staff of the Food Craft Institute, Kalamassery. The provision is also intended for meeting the recurring expenditure of Extension Centre at Calicut, acquisition of land and construction of building for Food Craft Institute, Kalamassery and Calicut. The expenditure required for opening more extension centres in the State will also be met from the outlay.

Book Promotion

16. *Text Book and Book Banks*
(Outlay Rs. 1 lakh)

The Plan outlay is for the purchase of books and for increasing the facilities in the Book Banks of the Government and private institutions under this Department for the benefit of economically backward students.

17. *Modernisation of Laboratories*
(Outlay Rs. 2 lakhs)

It is essential that the old and obsolete machinery in workshops and laboratories are replaced with modern equipment. The outlay is therefore for the modernisation of workshop and laboratories in the Engineering Colleges, Polytechnics and Junior Technical Schools.

18. *Apprenticeship Training*
(Outlay Rs. 3 lakhs)

The Plan provision is for meeting the salary and other contingencies of the staff under this scheme and also stipend to the trainees engaged by the Department. The provision also includes the share for the conduct of supervisory development programmes, staff training programmes, conferences on apprenticeship training, seminars on entrepreneurship etc., for final year engineering students, apprentices and practising engineers. The stipend of the trainees deputed at Foreman Training Institute, Bangalore, is also to be met. The provision is also for the development of the Supervisory Development Centre at Kalamassery including a suitable building which is essential for housing the Centre and conducting supervisory development programmes and periodical workshops and training programmes. The cost of acquiring a minicomputer and establishing a micro-processor division under placement and training is also to be met.

19. *Upgrading of one Engineering College*
(Outlay Rs. 10 lakhs)

Government have approved a scheme for upgrading and providing centralised facilities in the College of Engineering, Trivandrum. Sanction has also been accorded for the starting of the following centres in the College of Engineering, Trivandrum.

- (i) Centre for Fundamental and Applied Research

- (ii) The Central Technical Library and Documentation Centre.
 (iii) The Centre for Quality Improvement.

The outlay in the Plan is for the establishment of the above centres.

20. *Central Instrument Workshop*

(Outlay Rs. 5.50 lakhs)

Government have accorded sanction to set up an instrumentation centre for repair, maintenance and calibration of all engineering, medical and other items. An Assistant Professor has already been appointed and action is being taken to set up this Centre. The outlay is for the salary of staff, purchase of equipment, construction of building etc.

21. *Pre-vocational Training Centres*

(Outlay Rs. 8 lakhs)

Thirteen Pre-vocational Training Centres have already been started attached to Junior Technical Schools. It is proposed to start Pre-vocational Training Centres in the remaining Junior Technical Schools. The provision is for the salary of staff, stipend to students, purchase of equipment and construction of building.

22. *Industrial Residencies*

(Outlay Rs. 0.50 lakh)

It is necessary to institute professorships in Engineering Colleges and polytechnics commonly termed as industrial residencies. This will facilitate the serving personnel in industry to associate themselves with the academic activities of the institutions. This will also facilitate the training and consultancy programme of academic staff in industries. It is necessary to pay remuneration to guest lecturers. The outlay in the Plan is for this purpose and for guest lectures in specialised topics by experts in Engineering Colleges and polytechnics.

23. *Revision of Staff Structure*

(Outlay Rs. 16 lakhs)

The staff structure in the engineering colleges and polytechnics has to be revised in accordance with the workload and the norms fixed by the University and Evaluation Committee. Government have already accorded sanction for the revised staff pattern. The provision in the Annual Plan is for the salary of additional staff consequent on the revision of staff structure in Engineering Colleges and polytechnics.

24. *Extension of Technical Teachers' Training Institute*

(Outlay Rs. 1 lakh)

The Extension Centre of Technical Teachers Training Institute is now housed in Government Polytechnic, Kalamassery. A separate building with hostel facilities is essential. The provision is for this purpose.

25. *Diversification of Courses*

(Outlay Rs. 12 lakhs)

Considering the manpower requirements in the industrial sectors and other concerns certain new diversified courses have been started in the institutions. It is proposed to start such new courses and diversification of existing courses at degree, diploma, post-diploma and certificate level. The provision is for the expenditure towards the salary of staff, purchase of equipment etc. required for the diversified courses already started and the new courses proposed to be started.

Other Programmes

26. *Student Amenities*

(Outlay Rs. 1 lakh)

Facilities for extra-curricular activities are to be made in each institution. Facilities like dining halls, cycle sheds, canteen, ladies waiting room etc. are to be provided in the institutions. Students must also be given opportunities for developing the literary, artistic and histrionic talents. The present facilities in the Engineering Colleges for the transportation of students are not satisfactory. Buses should be purchased in the colleges and staff for the same appointed. Further for the promotion and co-ordination of these activities, the Directorate should have an agency. There should also be provision for grant for the conduct of youth festival in the institutions. The provision is for the above.

27. *Establishment of Work Centres*

No provision is earmarked for 1982-83.

28. *Library Development*

(Outlay Rs. 2.50 lakhs)

The facilities in the libraries of the institutions have to be improved. The post-graduate library at Trivandrum which has been completed has to be fully equipped. It is essential to purchase new books and journals in the libraries with accent on text books for the students. Suitable furniture for stocking and display has also to be acquired. Production of text books by teaching staff should form a major activity supported by organisational and financial help. The provision is for the above purpose.

29. *Science and Technology Museum*

(Outlay Rs. 3.50 lakhs)

The Government have already approved the scheme for the establishment of a Science and Technology Museum under the Department of Technical Education. Action has already been initiated for this purpose. The provision is for the salary of staff, purchase of machinery and equipment, acquisition of land and construction of buildings and other structures of display.

30. *Curriculum Development Centre*

(Outlay Rs. 0.50 lakh)

The provision is to meet the expenditure towards the staff, contingencies, purchase of furniture etc. at the Extension Centre of T.T.T.I. established at Kalamassery.

31. *Industrial Liaison*

(Outlay Rs. 0.50 lakh)

The need for continuous contact with industry is imperative for the progress of technical education. This can be achieved by arranging guest lectures periodically by expert staff in industry to the students and staff of institutions so that technology transfer is timely. It is also necessary to arrange local visit and to hold seminars. The provision is made for this purpose.

32. *Management Education*

(Outlay Rs. 0.20 lakh)

The Plan provision is to conduct study courses on management entrepreneurship etc., for the benefit of degree and diploma holders both employed and unemployed and for staff in the institutions.

33. *Teaching Aids*

(Outlay Rs. 0.40 lakh)

Development in the field of education technology have made available a variety of aids especially in the field of electronics and the need for working models is considerable. If institutions can organise units for the fabrication of these aids, students and teachers can participate in the work and the know-how can be built up. Teachers in the institutions can also be given grant for the fabrication of teaching aids. The provision is also for the purchase of overhead projector, epidescope and other teaching aids.

34. *College of Fine Arts and other Fine Arts Institutions*

(Outlay Rs. 5 lakhs)

The provision is for meeting the expenditure on salary of staff, contingencies, purchase of equipment, furniture, faculty improvement programme etc., in the College of Fine Arts, Trivandrum. This institution has to be given more facilities so as to develop it into a full fledged College of Fine Arts. Provision of audio-visual aids for teaching, appointment of visiting professors, construction of building for museum, art gallery and auditorium, landscaping of the campus and hostel accommodation for students is also needed. This can be done on a phased programme. It is also proposed to develop the other fine arts institutions at Mavelikkara and Trichur. The outlay is for the above purpose.

35. *Centres for Diploma in Commercial Practice*

(Outlay Rs. 3.75 lakhs)

The provision made in the Plan is for meeting the salary of teachers, purchase of equipment, furniture, land and building and other expenses in the existing four Centres at Trivandrum, Alleppey, Palghat and Manjeri. The provision is also for starting similar Centres in other areas.

36. *Free Supply of Text Books to Scheduled Castes/Scheduled Tribes—Component Plan*

(Outlay Rs. 3 lakhs)

At present the scheduled caste and scheduled tribe students of junior technical schools are given a grant of

Rs. 25 each per year for the purchase of text books and instruments. Government have also sanctioned a scheme to extend more benefits like uniforms and instruments to the scheduled caste and scheduled tribe students in the polytechnics and junior technical schools. Calculators and other instruments for the students of the engineering colleges have also been sanctioned. The provision is intended for the above purposes. Of the total outlay of Rs. 3 lakhs, Rs. 2.5 lakhs will be for scheduled caste students and Rs. 0.50 lakh to students belonging to scheduled tribes.

37. *Matching Grant for Central Schemes*

(Outlay Rs. 3 lakhs)

When special direct Central assistance is given for development of institutions a matching share has to be given by the State Government. In some cases direct central assistance is given to the institutions without matching grant. The provision is for meeting the expenditure in respect of such schemes including the matching grant of the State Government taking the Central Government grant to revenue head as ordered by Government.

38. (a) *Tailoring and Garment Making Training Centres*

(Outlay Rs. 2.75 lakhs)

The provision in the Plan is for meeting the salary and allowances of staff, purchase of equipment, land acquisition and construction of buildings for T. G. M. T. Centres and for vocational training centres. The provision is also for starting similar centres in the areas where it is highly demanded and for starting additional batches and trades in the existing institutions.

38. (b) *Tailoring and Garment Making Training Centre-Component Plan*

(Outlay Rs. 0.50 lakh)

The provision is for the conduct of T. G. M. T. Centres at Mannarghat and is to be incurred on salary of staff, purchase of equipment etc. The provision is also for starting similar T. G. M. T. Centres for scheduled castes/scheduled tribes in tribal areas where scheduled castes/scheduled tribes are more. Of the total outlay Rs. 0.10 lakh will be earmarked for the scheduled tribes.

39. *Remedial Courses to Reduce Wastage*

(Outlay Rs. 0.50 lakh)

In order to reduce drop-outs and other forms of wastage, special efforts in the form of remedial courses are to be organised to help the weaker sections at polytechnic and engineering college levels. An in-depth study to assess the intensity and the reasons for wastage is being conducted. The provision is to meet the expenditure on the above programmes.

40. *Faculty Development*

(Outlay Rs. 10 lakhs)

Quality improvement of faculty through part-time courses and full-time courses is an essential requirement

for updating the technical competence of teachers in imparting education to their students. The outlay is for the deputation of teachers of engineering colleges, polytechnics and junior technical schools for higher studies, training, re-training, refresher courses, seminars, payment of course fees etc. The provision is also for the organisation of the refresher courses, workshops, seminars etc., in the institutions for the benefit of faculty members and students.

41. *Construction of Staff Quarters*

(Outlay Rs. 5 lakhs)

The Plan provision is for the construction of staff quarters to the members of the staff of the institutions and the Directorate.

42. *Special Coaching for All India Competitive Examinations for Eligible Students*

(Outlay Rs. 0.10 lakh)

Students who desire to appear for all India competitive examinations lack proper guidance and coaching. The provision is for arranging special coaching for the eligible students to appear for all India competitive examinations.

43. *Rural Development Centre*

(Outlay 0.10 lakh)

The provision meant for the transfer of technology and technical know-how from the engineering colleges

and polytechnics, junior technical schools, etc., to the community and improve their living conditions. The provision is also for organising classes, discussions etc., for the rural people.

44. *Technological University*

No provision is earmarked for 1982-83.

45. *Centres of Excellence*

(Outlay Rs. 0.50 lakh)

This is an era of sophisticated technology and each institution should strive to develop centres of excellence in areas where their facilities by way of staff, equipment and consultancy have gained lead over the others. This will enable further growth of these areas on sound lines and will avoid duplication of costly facilities. The following are some of the areas in the Engineering Colleges.

- (i) Centre for Geo Technical Engineering
- (ii) Appropriate Tehnology Centre
- (iii) Bio-Technology Centre
- (iv) Energy Research Centre.

A token provision is made for the above purpose in the Plan for 1982-83.

7.4 Scientific Services and Research

The development of science and technology and its application to everyday life have been accepted as a major objective of planning. In Kerala, the State Committee on Science and Tehnology was set up as early in 1971. The State Government have reconstituted this committee in May 1981 giving representation to various disciplines and institutions of important in the State. The State Committee on Science and Technology, besides advising the State Government on programmes for the development of science and technology, co-ordinates the research activities of the various institutions. The following schemes are proposed for annual plan 1982-83 under Scientific Services and Research:

1. *Lal Bahadur Sastri Engineering Research and Consultancy Centre*

(Outlay Rs. 5 lakhs)

This Centre, established in 1976, is functioning as a link between technical institutions, Universities and other professional bodies in the State and provides consultancy services in design, development and experimentation with respect to industrial problems and projects. The programmes of the Centre during 1982-83 include setting up of a technical reference library, establishment of testing facility, establishment of computing facilities, research schemes, publication of monographs and construction of buildings. The outlay proposed is for giving financial assistance to the Centre for implementing these programmes.

2. *Shree Chitra Tirunal Institute for Medical Science and Technology*

(Outlay Rs. 10 lakhs)

The Shree Chitra Thirunal Institute for Medical Sciences and Technology was established in 1973 and is being developed as an institute of national importance. The financial assistance of the Government of Kerala enables the Institute pursue its studies on regional problems such as endomyocardial fibrosis and also ensure that the weaker sections of the population of the State continue to benefit from the services of the Institute. The outlay provided is for giving financial assistance to the Institute.

3. *Electronic Research and Development Centre*

(Outlay Rs. 50 lakhs)

This Centre, started in 1974 as an autonomous institution, is engaged in developing systems and equipments in electronics. The projects implemented by the Centre are under the following groups:

- (i) Technical Development Group and Digital Electronics and Peripheral Group.
- (ii) Inverter Group
- (iii) Thyristor Controlled Group
- (iv) TV. CCTV Group
- (v) Defence Projects Division
- (vi) Medical Electronics Group

- (vii) Consumer Electronics
- (viii) Material Development Centre
- (ix) Communication Group

The Outlay provided is for giving grant to the Electronics Research and Development Centre for continuing its activities in 1982-83.

4. *Kerala Forest Research Institute*

(Outlay Rs. 75 lakhs)

The Kerala Forest Research Institute, started in 1975, as an autonomous institution, is engaged in advanced studies and research on Conservation, development and management of forest, optimum utilisation of forest products and management of wildlife. The programmes of the Institute during 1982-83 include (i) completion of civil works already taken up (ii) development of sub-centre at Thekkady (iii) expansion of library (iv) purchase of research equipments and (v) appointment of additional staff. The outlay provided is for giving grant to the institute for implementing these programmes.

5. *Centre For Water Resources Development and Management*

(Outlay Rs. 90 lakhs)

The Centre for Water Resources Development and Management, established in 1978, is engaged in interdisciplinary investigation on different aspects of assessment, conservation, development and management of water resources of Kerala. The provision proposed is for giving grant-in-aid to the Centre for continuing its studies and for construction of buildings.

6. *Centre for Development Studies*

(Outlay Rs. 20 lakhs)

The Centre for Development Studies, registered as a society in September 1970 under the Travancore Cochin Literary, Scientific and Charitable Societies Act, Started functioning by the middle of 1971. The main objective of the Centre is to promote research and teaching in the disciplines relevant to development. The Centre is concerned with development problems of India with particular reference to Kerala. The Centre has established collaborative relationship with planning and development agencies, scientific and technological research institutions and Universities within and outside Kerala. The outlay provided is for giving grant-in-aid to the Centre for continuing its activities in 1982-83.

7. *State Committee on Science and Technology*

(Outlay Rs. 10 lakhs)

The State Committee on Science and Tehnology is co-ordinating science and technology programmes in the State. The outlay proposed for 1982-83 is for the continuous operation of the Scientific Research Fund and for the award of Kerala Science and Technology Prize.

8. *Establishment of CSIR Complex*

(Outlay Rs. 20 lakhs)

The outlay is for payment of State's contribution to CSIR complexes, including the cost of acquisition of land.

9. *State Committee on Environmental Planning and Co-ordination*

(Outlay Rs. 1 lakh)

The State Committee on Environmental Planning and Co-ordination has been constituted with a view to integrating the activities of the institutions engaged in environmental studies in the process of planning and implementation of development programmes. The provision is for meeting the expenses in connection with the functioning of the Committee.

10. *Centre for Earth Science Studies*

(Outlay Rs. 70 lakhs)

The Centre for Earth Science Studies, established in 1978 as an autonomous institution, is engaged in various studies relating to earth sciences. The Centre has at present four divisions viz., Marine Sciences Division, Geo Sciences Division, Atmospheric Sciences Division and Resources Analysis Division. During 1982-83 the Marine Sciences Division proposes to carry out shore zone and inner continental shelf studies at Trivandrum, Quilon, Alleppey and Cannanore coasts and ecological oceanography of lagoons. The Geo-sciences Division deals with studies on the tectonic aspects of Kerala leading to findings on the geological evolution of Kerala. The Programme of the Resources Analysis Division for the year 1982-83 envisages the completion and publication of the Resource Atlas of Kerala, preparation of Geoscientific Atlas of Kerala, radiometric and geophysical surveys of Kozhikode and Palghat districts and the setting up of a data bank in the Centre. The programmes of Atmospheric sciences Division for 1982-83 includes studies on Ozone, atmospheric electricity, air-sea interaction and rocket experiments. The outlay proposed in the Annual Plan is for payment of grant-in-aid to the Centre for carrying out these studies and for construction of buildings.

11. *National Transportation Planning and Research Centre*

(Outlay Rs. 3 lakhs)

It is proposed to set up a National Transportation Planning and Research Centre by converting the

National Traffic Planning and Automation Centre (NTPAC) as an autonomous centre for studying problems relating to transportation and traffic movements in the State. The outlay provided for 1982-83 is for meeting the cost of staff, vehicles, equipments, library etc.

12. *Environmental and Ecological Studies*

(Outlay Rs. 1 lakh)

The outlay proposed is for giving grant-in-aid to the Centre for Environmental and Ecological studies for conducting environmental and ecological studies on all major projects.

13. *Tropical Botanical Garden and Research Institute*

(Outlay Rs. 11 lakhs)

The Tropical Botanical Garden and Research Institute was established in 1979 as an autonomous society for carrying out botanical, horticultural and chemical research for plant improvement and for introducing and cultivating plants from other countries. The outlay provided is for giving grant-in-aid to the Institute for acquisition and development of land, construction of roads and landscaping, construction of building, provision of water supply, establishment of arboretum, garden, laboratories, library etc.

14. *Indian Institute for Regional Development Studies*

(Outlay Rs. 8 lakhs)

This Institute, started in 1976, is engaged in regional development studies. The outlay proposed is for payment of grant-in-aid for continuing the construction of buildings and to support a core faculty including chairs in foreign trade, sociology, industrial economics, agricultural economics, economic development, planning and statistics.

15. *New Research and Development Centres*

(Outlay Rs. 6 lakhs)

The outlay proposed is for setting up new development centres, and for strengthening the existing centres in the universities of the State.

7.5 HEALTH

The primary aim of health services is to give people the best possible health care. In spite of allround improvement in the medical care system in Kerala the regional imbalances in this regard continue to persist. An outlay of Rs. 9 crores is proposed in the Annual Plan 1982-83 for the implementation of the various schemes under the three systems of medicine existing in the State, viz., allopathy, ayurveda and homoeopathy. The provision includes government's share for the implementation of the Schemes of the E. S. I. Corporation also. A short description of the various schemes proposed to be taken up during the annual plan period is furnished below:

1. *Primary Health Centres—Strengthening of Primary Health Centres and Sub-Centres and Starting New Ones*

(Outlay Rs. 77.50 lakhs)

This scheme is intended for the improvement of medical and health facilities of the rural people. The outlay earmarked will be utilised for the above purpose which would involve expenditure for works and continuance of staff. Of the total outlay a sum of Rs. 10 lakhs is set apart as the special component plan for scheduled castes and Rs. 2 lakhs for scheduled tribes.

2. *Drugs for Existing Sub Centres*

(Outlay Rs. 25 lakhs)

The plan provision is for the supply of drugs to the existing and new sub centres and other institutions. An amount of Rs. 4 lakhs is the outlay earmarked for special component plan for scheduled castes and Rs. 1 lakh for tribal sub plan.

3. *Mobile Medical Unit for Tribal Block, Attappady*

(Outlay Rs. 3 lakhs)

The provision made is for the construction of buildings and for appointment of staff in the P. H. Centres in the Tribal Block at Attappady.

4. *Government Rural Dispensaries in Backward Areas*

(Outlay Rs. 42 lakhs)

The plan provision made is for starting Government rural dispensaries in all the panchayats where there is no dispensary at present and improvement of facilities in the existing rural dispensaries and hospitals. Of the total outlay for the scheme the share of the special component Plan for Scheduled Castes is Rs. 17 lakhs and that for Tribal sub plan is Rs. 3 lakhs.

5. *Community Health Workers Scheme*

(Outlay Rs. 13 lakhs)

This scheme introduced by the Government of India originally envisaged the training of members of the local community, in health and health delivery so as to impart the basic knowledge about health care to the rural people. In view of the well developed health delivery system of the State, the Government

of India accorded approval for a modified form of community worker scheme to be introduced in the State which contemplates a better scientific approach to meet the basic health needs of the rural population of Kerala. This includes special services for children by appointing paediatricians in P. H. Centres, laboratory services for the rural population and provision of more medicines to the rural patients. The outlay proposed in the plan is the State share for the implementation of this revised scheme.

Hospitals and Dispensaries

1. *Improvement of Health Care and Delivery System*

(Outlay Rs. 70 lakhs)

The scheme includes the following minor schemes which are intended for raising the efficiency of the institutions viz., raising bed strength in district hospitals, introducing all essential specialities in district hospitals, better equipment to major hospitals including sterilizer, raising bed strength in taluk headquarters hospitals, providing specialities, opening new units and strengthening of medical record section in taluk hospitals, improvement of health care system and continuing specialities in major hospitals and implementation of the recommendations of the High Power Committee of Health Services. The outlay is for the implementation of the above schemes.

2. *Construction of District Hospital Buildings at Idukki and Malappuram*

(Outlay Rs. 5 lakhs)

The amount provided in the Plan will be utilised for construction of buildings for district hospital at Malappuram and Idukki.

3. *Opening New Taluk Hospitals at Devikulam Peermade, Udumbanchola etc.*

(Outlay Rs. 3.50 lakhs)

The plan provision is for improving taluk headquarters hospitals at Peermade, Devikulam and Udumbanchola.

4. *Polyclinics in District and General Hospitals*

(Outlay Rs. 7 lakhs)

Only three district hospitals at Cannanore, Palghat and Trichur have at present the facilities of polyclinics. The remaining eight district hospitals will be provided with polyclinics for which financial provision is made in the Plan.

5. *Construction of Building and Provision of Vehicle to District Medical Stores*

(Outlay Rs. 2 lakhs)

The plan provision is for completing the spillover works and construction of building for medical stores and purchase of vehicles for district medical stores.

6. *Improving Medical Facilities in Idukki District*

(Outlay Rs. 1 lakh)

The outlay earmarked will be utilised for improving the medical facilities in Idukki District by constructing additional buildings and by providing vehicles suitable to the difficult terrains.

7. *Providing Ambulance Vans in District and Taluk Hospitals*

(Outlay Rs. 1.50 lakhs)

The amount earmarked is for providing ambulance vans to district and taluk headquarters hospitals.

8. *Mobile Unit for Repairs and Maintenance of Hospital Equipment*

(Outlay Rs. 2 lakhs)

The outlay proposed is for starting few more additional mobile workshops in order to carry out the maintenance work more efficiently. One mobile health equipment unit has already started functioning.

9. *Drug Banks in District Hospitals*

(Outlay Rs. 1 lakh)

Drug banks will be opened in district hospitals with the assistance of Rotary Clubs, Medical Associations and other organisations. The provision is for meeting the salary of the pharmacists.

10. *Mobile Dispensary, Kuttanad*

(Outlay Rs. 1 lakh)

The provision is for the continuance of the (floating) dispensary sanctioned for Kuttanad area, for the purchase of medicine, for appointment of necessary staff etc.

11. *Revision of Staff Pattern (Nurses)*

(Outlay Rs. 7 lakhs)

The provision made in the plan is for appointment of staff nurses in order to raise the nurse-bed ratio in accordance with the High Power Committee's recommendations. The provision also includes the amount required for the continuance of the staff already sanctioned.

12. *Cancer Detection Centre in District Hospitals*

(Outlay Rs. 3 lakhs)

The provision is for the continuance of the cancer detection centres started in district hospitals as a part of the cancer control programme.

13. *Opening of District Office and Office of the District Medical Officer (Health) Wynad*

(Outlay Rs. 1 lakh)

The provision proposed is for meeting expenditure on opening of office of the District Medical Officer

of Health, district medical store etc., for Wynad district.

14. *Janatha Payward and Payward Scheme*

(Outlay Rs. 55 lakhs)

Janatha Paywards are proposed to be started in district and taluk hospitals. The Kerala Health Research and Welfare Society will be entrusted with this work. The provision made is the State Government's share in the capital expenditure for the construction of paywards.

15. *Construction of Staff Quarters for Rural Dispensaries—Kerala Health Research and Welfare Society*

(Outlay Rs. 8 lakhs)

The provision is for giving financial assistance to K.H.R.W. society when it comes forward to take up the construction of quarters for the staff of the rural dispensaries with financial aid from other institutions.

*Medical Education and Research:*1. *Medical College, Trivandrum*

(Outlay Rs. 70 lakhs)

The Medical College, Trivandrum which is nearing 30 years of existence, has a well consolidated undergraduate programme. The State is facing shortage of post graduates in clinical subjects necessitating the increase of seats for Post Graduate Course. There is also need for increasing para-medical seats also. Separate programmes have to be carried out for the development of new specialities like oncology, chest diseases, neurology, gastroenterology etc. The Plan provision includes the cost of the implementation of schemes under gastroenterology and centre for respiratory allergy and antigen manufacture.

2. *Medical College, Kottayam*

(Outlay Rs. 45.79 lakhs).

The Medical College, Kottayam, is still functioning in an old building and accommodation for the staff is also inadequate. The provision made in the Plan will be utilised for the construction of buildings for the college, additional buildings for the hospitals, College of Nursing, strengthening of various departments, Institute of Child Health, Staff quarters etc.

3. *Medical College, Alleppey*

(Outlay Rs. 43 lakhs).

It is proposed to start P. G. courses in Biochemistry and Pathology. The amount allocated in the Plan is proposed to be spent for the development of various departments, acquisition of land, construction of hospital building and college building, purchase of equipments, starting of specialities, School of Nursing etc.

4. *Medical College, Calicut*

(Outlay Rs. 50 lakhs)

The amount earmarked is proposed to be utilised for development of departments, casualty cum blood

bank complex, starting of dental college, construction of building for specialities, additional floor to nurses hostel, P.G. hostel, construction of a twin operation theatre for plastic surgery etc. The provision also includes the expenditure incidental to new schemes viz., cardio throacic surgery and cardiology block, college of nursing, hostel for men, staff quarters, T.B. and chest diseases, building for artificial limb fitting centre and operation theatre for Medical College Hospital.

5. *Regional Limb Fitting Centre, Medical College, Trivandrum*

(Outlay Rs. 5 lakhs)

The amount provided is the matching grant which has to be paid by the State Government to the Regional Limb Fitting Centre according to the contract entered into between the State and ALIMCO, Poona.

6. *Nursing Education—Paramedical Training Programme and Training of Health Visitors in P.H. Nursing.*

(Outlay Rs. 10 lakhs)

The provision made in the Plan is for continuance of the training programme for nurses. The training of general nurses is continued in district hospitals. The annual intake of trainees has increased from 245 to 270. The training of health visitors is over by 1981-82.

7. *College of Pharmaceutical Science, Trivandrum.*

(Outlay Rs. 2 lakhs)

A separate building for the pharmaceutical college was constructed in the Medical College, Trivandrum in 1975. There is not sufficient accommodation in the College due to the non-completion of the second floor as was originally planned. The outlay earmarked will be utilised for the construction of the second floor and starting of M. Pharm course.

8. *Reorientation of Medical Education and Upgradation of the Department of Ophthalmology—State share.*

(Outlay Rs. 10 lakhs)

This is centrally sponsored scheme with 50 per cent central assistance. The amount provided is for the implementation of the scheme in the three medical colleges of Trivandrum, Kottayam and Calicut.

9. *Providing Generators in Medical College Hospitals.*

(Outlay Rs. 1 lakh)

The provision made is for installing generators in all the medical college hospitals in the State.

10. *Establishment of Regional Cancer Centre, Trivandrum—State Share.*

(Outlay Rs. 25 lakhs).

An amount of Rs. 25 lakhs is proposed for the Centre in the Annual Plan 1982-83 as State share. Steps have already been taken to include the scheme under the 100 per cent Central Assistance Programmes.

11. *Dental College*

(Outlay Rs. 5 lakhs)

The amount earmarked for the development of the college is proposed to be utilised for the purchase of equipment/ instruments, furniture, books, for starting Maxille facial surgery etc. The high incidence of oral cancer in the State necessitates the starting of a Maxille facial surgery unit in the college.

12. *Training of Teachers in Specialities and Continuing Medical Education*

(Outlay Rs. 2 lakhs)

The Plan outlay is for continuing the training programme for specialists and teaching staff in the medical colleges.

Public Health and Sanitation:

Control of Communicable diseases

1. *Tuberculosis*

(Outlay Rs. 11 lakhs)

The provision is for the adjustment of the cost of medicines supplied by the Government of India.

2. *National Malaria Eradication Programme:*

(Outlay Rs. 7 lakhs)

The provision made is the state share for the implementation of the malaria eradication programme.

3. *Filaria Control (State Share)*

(Outlay Rs. 5 lakhs)

The outlay set apart is for the continuance of the existing two Filaria control units and four clinics, and also for the adjustment of central assistance for procurement of larvicides, equipment etc., for the scheme.

4. *Cholera—State Share*

(Outlay Rs. 1 lakh)

The outlay made in the Plan is the State's share of the centrally sponsored scheme for control of cholera.

5. *Control of Sexually Transmitted Diseases (State Share)*

(Outlay Rs. 3.75 lakhs)

The State Plan provision represents the state's share for this scheme.

6. *Training and Employment of Multi-Purpose Workers (State's Share)*

(Outlay Rs. 14 lakhs)

The multipurpose worker scheme is a centrally sponsored scheme with 50 per cent central assistance. The scheme is being implemented in two districts with effect from 1-4-1978. It is continued in the P.H. Centre level in districts and at the training centres. The number of persons trained is comparatively less in the districts of Alleppey, Kottayam, Idukki, Ernakulam and

Trichur. The training programme has to be strengthened in these districts. The outlay proposed in the Plan is the State's share for the implementation of the Scheme. Of the total outlay for the scheme the share of special component plan for Scheduled Castes is Rs. 3 lakhs and that for tribal sub plan is Rs. 1 lakh.

7. Mass Immunisation Programme

(Outlay Rs. 3 lakhs)

The amount earmarked in the Plan is for the continuance of the programme of preventive inoculation against tuberculosis, small pox, diphtheria, tetanus and whooping cough among children in the age group 0 to 5. The share of Special Component Plan is Rs. 0.60 lakh and that of tribal sub plan is Rs. 0.20 lakh.

Other Systems of Medicines.

Indian System of Medicine

Ayurveda—Minimum Needs Programme:

1. Opening of New Dispensaries

(Outlay Rs. 18 lakhs)

The aim of this scheme is provision of an ayurveda dispensary in the Panchayats in which there is no Government Ayurveda Institution at present. It is proposed to open about 7 dispensaries during the annual plan period-1982-83. The share of Special Component Plan is Rs. 5 lakhs and that of tribal sub plan is Rs. 1 lakh.

2. Upgrading Dispensaries into Hospitals.

(Outlay Rs. 4.10 lakhs.)

Many dispensaries, started more than two decades ago, still remain without adding to their facilities though the number of beneficiaries around the locality has increased considerably. It is intended to upgrade some of the dispensaries into hospitals where there is urgent need. The outlay provided will be utilised for the above purpose.

3. Opening of New Ayurveda Hospitals in Rural Areas

(Outlay Rs. 8 lakhs)

The ayurveda hospitals functioning in rural areas are few in number. Under this scheme it is proposed to provide more number of ayurveda hospitals in rural areas. An amount of Rs. 8 lakhs is set apart in the plan for the scheme. Out of this total provision an amount of Rs. 3 lakhs is allotted for the benefit of people belonging to scheduled castes.

4. Construction of Building to Ayurveda Hospitals and Dispensaries and Increasing Bed Strength

(Outlay Rs. 5 lakhs)

A large number of Ayurveda Institutions are run in inconvenient rented buildings. The number of beds in these institutions is also limited. The amount provided is for the implementation of this scheme.

5. Construction of Nurses Quarters to Hospitals in Rural Areas

No provision is made in the Plan for 1982-83 for this scheme.

6. Starting of Mobile Dispensaries

(Outlay Rs. 0.90 lakh)

The outlay provided is for starting of mobile dispensaries during this year.

Hospitals and Dispensaries:

1. Construction of Buildings to Ayurveda Hospitals

(Outlay Rs. 3 lakhs)

The amount allocated will be utilised for the construction of buildings to ayurveda hospitals.

2. Construction of Buildings to District Hospitals.

No provision is made for the scheme for 1982-83.

3. Raising the status of Hospitals into District Hospitals.

(Outlay Rs. 5 lakhs)

The scheme is intended for raising the status of hospitals at the district headquarters to that of District Hospitals by raising their bed strength and by providing facilities for special treatment. This scheme has been combined with the scheme 'Raising the Bed strength in District Hospitals' and a portion of the outlay is earmarked for the new scheme "Opening of Dispensaries in Tribal Areas".

4. Strengthening of Staff in the Directorate.

(Outlay Rs. 2 lakhs.)

For the efficient working of the Directorate additional staff is necessary. The outlay provided is for the strengthening of staff in the Directorate.

5. Strengthening of Administrative Wing in the District Offices.

(Outlay Rs. 1 lakh)

The scheme envisaged in the Plan is to strengthen the administrative wing at the district level. An amount of Rs. 1 lakh is allotted for the scheme.

6. Improvement of Mental Hospital at Kottakkal

(Outlay Rs. 1 lakh)

The outlay provided in the Plan under this scheme is for the improvement of the existing facilities in the Mental Hospital at Kottakkal.

7. Establishment of Sidha Vaidya Hospitals and Dispensaries

(Outlay Rs. 0.50 lakh)

An amount of Rs. 0.50 lakh is allotted in the Annual Plan for opening more Sidha Dispensaries in the State.

8. *Purchase of Vehicles for the Directorate and District Offices*

(Outlay Rs. 2 lakhs)

An outlay of Rs. 2 lakhs is earmarked in the Annual Plan 1982-83 for the purchase of vehicles for the Directorate and District Offices.

9. *Starting of 'Marma' Section in Taluk Hospitals and Development of Panchakarma*

(Outlay Rs. 0.50 lakh)

Facilities for 'Marma' and 'Panchakarma' treatment are not available in most of the ayurveda hospitals. An outlay of Rs. 0.50 lakh is allotted in the plan to provide necessary facilities in hospitals so that they can undertake 'Marma' and Panchakarma' treatments.

10. *Nature Cure Centre, Varkala*

(Outlay Rs. 2 lakhs)

Nature cure is found to be very effective for certain type of diseases. The aim of the scheme is to start a nature cure centre at Varkala and to provide necessary buildings for its effective functioning. The amount allotted for this scheme is Rs. 2 lakhs.

11. *Opening of New Hospitals other than in Rural Areas*

(Outlay Rs. 2 lakhs)

The scheme aims at starting hospitals in these taluks and urban areas where there are no hospitals at present.

12. *Improvement of Central Store and Establishment of District Stores*

(Outlay Rs. 2 lakhs)

The outlay provided in the plan will be utilised for the improvement of Central Store and establishment of District Stores.

13. *Construction of Buildings for District Offices*

No provision is included in the Annual Plan 1982-83 for this scheme.

Education (Ayurveda)

1. *Construction of Buildings for Pharmacy, Hostel, Hospital, College and Staff Quarters for the Ayurveda College, Trippunithura*

(Outlay Rs. 7 lakhs)

The staff and students of the Ayurveda College, Trippunithura are experiencing difficulties due to the lack of residential facilities. The present bed strength in the hospital is insufficient for imparting clinical training to students. Construction of blocks for two departments, "Swasthavrittha" and "Sanskrit Samhita and Sidhantha" is also necessary. There are no facilities for out patient section in the present collegiate hospital. The outlay earmarked in the Plan is for the above purposes.

2. *Degree Course in Pharmacy*

(Outlay Rs. 0.50 lakh)

It is proposed to start a degree course in Pharmacy in the Ayurveda College at Trivandrum namely B. Pharm. (Ay.) A sum of Rs. 0.50 lakh is set apart for this purpose in the Plan.

3. *Ayurveda College, Trivandrum*

(Outlay Rs. 2.50 lakhs)

This scheme aims at the development of Ayurvedic Education. The B.A.M.S. degree course has been started from the year 1979-80. The staff pattern and additional facilities prescribed by the Central Council will have to be provided. An amount of Rs. 2.50 lakhs is proposed for the scheme for the year 1982-83.

4. *Grant-in-aid to Private Ayurveda Colleges at Shornur and Ollur and the Ayurveda College, Kottakkal*

(Outlay Rs. 2.75 lakhs)

An outlay of Rs. 2.75 lakhs is allotted in the Plan for providing grants to private Ayurveda Colleges at Shornur, Kottakkal and Ollur to improve the facilities in these colleges. The provision also includes grant to K.A.S.R. Society.

5. *Construction of Men's and Ladies' Hostels, Staff Quarters, Pharmacy Building etc. for Ayurveda College, Trivandrum*

(Outlay Rs. 4 lakhs)

The construction of staff quarters and one hostel to students is yet to be completed. Additional buildings for the expansion of various units in the Ayurveda College at Trivandrum are also necessary. For this purpose an outlay of Rs. 4 lakhs is provided in the Plan.

6. *Expansion of Collegiate Hospital at Trivandrum*

(Outlay Rs. 2 lakhs)

The all India pattern of syllabus requires one hospital having 1250 beds for the practical study of the students. Additional beds numbering 55 and 51 respectively were sanctioned during the years 1980-81 and 1981-82. The present bed strength of the hospital is 410. The aim of raising the bed strength to the optimum mentioned above will have to be taken as a phased programme. An amount of Rs. 2 lakhs is earmarked for the scheme in the Annual Plan 1982-83.

7. *Payward Facilities for Ayurveda College Hospitals*

(Outlay Rs. 2 lakhs)

At present there are no paywards attached to the Ayurveda College Hospital at Trivandrum. A provision of Rs. 2 lakhs is earmarked in the Plan for constructing paywards.

8. *Strengthening of Publication Division—Ayurveda College, Trivandrum*

(Outlay Rs. 1.50 lakhs)

The Publication Division attached to the Ayurveda College, Trivandrum deals with matters relating to

writing of Ayurveda books, printing, publishing and reprinting. A sales unit is also functioning in the Division. An amount of Rs. 1.50 lakhs is provided for the scheme in the Plan for 1982-83.

9. *Ayurveda College, Trippunithura*

(Outlay Rs. 2.50 lakhs)

The main aim of this scheme is strengthening of the major departments in the Ayurveda College at Trippunithura. Two more teaching departments have to be started in addition to the existing 5 departments in accordance with prescribed syllabus and curriculum of B.A.M.S. Course. A sum of Rs. 2.50 lakhs is provided for the purpose.

10. *Training Programme for Nurses and Pharmacists*

(Outlay Rs. 0.50 lakh)

There are no sufficient number of trained Nurses and Pharmacists to meet the requirements of the Department. A Pharmacist training course and a Nurse training course are scheduled to commence in the Ayurveda Colleges at Trivandrum and Trippunithura. A provision of Rs. 0.50 lakh is earmarked in the Annual Plan 1982-83.

11. *Training in Prakrithi Chikilsa*

(Outlay Rs. 0.25 lakh)

At present there is no training centre in the public sector for this system of treatment in Kerala. The scheme proposes to start a Prakrithi chikilsa Centre in the Ayurveda College, Trivandrum. As a preliminary measure officers from the College will be deputed for training for which the Plan provision is made.

12. *Collection and Preservation of Manuscripts*

(Outlay Rs. 0.50 lakh)

There are numerous palm leaf and hand-written manuscripts in the custody of traditional physicians in the rural parts of Kerala and also with the erstwhile royal families. Strenuous efforts are to be made to identify these custodians and get the manuscripts, copied and translated. A survey, personal perusal, collection of data, preparation of the catalogue etc. are the items of work to be done in this field. A sum of Rs. 0.50 lakh is set apart for this purpose in the Annual Plan 1982-83.

13. *Preparation of Text Books*

(Outlay Rs. 1 lakh)

The Publication Division attached to the Ayurveda College, Trivandrum is printing and publishing ayurveda text books and reference books. This scheme is proposed to meet the printing and other charges. An amount of Rs. 1 lakh is set apart in the Annual Plan for the scheme.

14. *Expansion of Collegiate Libraries*

(Outlay Rs. 1 lakh)

The scheme envisages the expansion of the college libraries by providing books and other facilities to

increase the standard of education in Ayurveda. An amount of Rs. 1 lakh is provided for the year 1982-83.

15. *Specialisation in Various Branches of Ayurveda*

(Outlay Rs. 0.50 lakh)

Facilities will have to be provided for the graduates in Ayurveda to specialise in subjects according to their talent. This will help to improve the system of education and treatment. The amount allotted for this purpose in the Annual Plan 1982-83 is Rs. 0.50 lakh.

16. *Condensed Degree Course for Diploma Holders*

The scheme has been discontinued.

17. *Refresher Course for Paramedical Staff, Teachers and Medical Officers*

(Outlay Rs. 0.50 lakh)

Teachers, Medical Officers and private practitioners practising Ayurveda do not get any chance to learn advanced theory and treatment due to various reasons. Periodical refresher courses will be very helpful for them. The outlay of Rs. 0.50 lakh allotted in the Annual Plan will be utilised for conducting refresher courses.

18. *Regional Research Institute, Poojappura including Model Demonstration Garden of Herbs*

(Outlay Rs. 6 lakhs)

An amount of Rs. 6 lakhs has been earmarked for activities of the Regional Research Institute, Poojappura.

Homoeopathy

Minimum Needs Programme

1. *Rural Dispensaries*

(Outlay Rs. 11 lakhs)

The proposed outlay is for the continuance of existing 33 dispensaries and for opening 36 new ones during 1982-83. The share of SCP and TSP is Rs. 3 lakhs which will be utilised for the continuance of five existing dispensaries and for opening five new ones.

Hospitals and Dispensaries

1. *Construction of Buildings for Existing Hospitals and Dispensaries*

(Outlay Rs. 1.50 lakhs)

At present most of the hospitals and dispensaries are housed in rented buildings. New buildings are to be constructed for these institutions on a phased programme. Construction of hospital at Palghat has already been taken up. The amount allotted for the scheme is Rs. 1.50 lakhs.

2. *District Hospitals and Dispensaries including opening of Hospitals and Dispensaries in Idukki, Malappuram and Quilon District*

(Outlay Rs. 4 lakhs)

A provision of Rs. 4 lakhs is made in the Plan for the maintenance of the hospital at Idukki, maintenance

of the existing dispensaries at Malappuram and Idukki districts and for starting a 25 bedded hospital at Quilon.

3. *Strengthening of Administrative Machinery including Building for the Directorate*

(Outlay Rs. 1 lakh)

The proposed outlay is for the continuance of the existing staff and for sanctioning additional staff in the Directorate during 1982-83.

4. *District Offices*

(Outlay Rs. 1 lakh)

The amount earmarked in the Plan is for starting one District Office and also for providing additional staff for the existing offices.

5. *Taluk Hospitals*

(Outlay Rs. 3 lakhs)

The amount proposed is for the continuance of the existing four taluk hospitals and for starting two new ones during 1982-83.

6. *Increasing Bed Strength in District and Taluk Hospitals*

(Outlay Rs. 0.50 lakh)

At present there are only 260 hospital beds in the State under the homoeopathic system of medicine. The Plan provision is intended for the maintenance of additional beds proposed to be sanctioned this year and to increase the bed strength in more hospitals.

7. *Providing Modern equipments and other facilities in Hospitals*

(Outlay Rs. 0.25 lakh)

It is proposed to establish a clinical laboratory attached to one of the hospitals during 1982-83 for which the outlay is set apart.

8. *Starting of Drug Units*

(Outlay Rs. 0.25 lakh)

There is already a pharmacy in the co-operative sector for the manufacture of homoeo medicines. But medicines produced by this pharmacy are not sufficient. It is proposed to start a Drug Unit in public sector for the manufacture of homoeo medicines mainly for supplying to departmental hospitals and dispensaries. The amount provided for the scheme in the Annual Plan is Rs. 0.25 lakh.

9. *Co-operative Society for the Manufacture of Homoeo Medicines*

(Outlay Rs. 0.50 lakh)

There is a homoeopathic co-operative pharmacy functioning at Alleppey where homoeo medicines are manufactured. The amount proposed is the Government's share capital contribution to the society.

10. *Purchase of Departmental Vehicles*

(Outlay Rs. 2 lakhs)

It is proposed to purchase vehicles for the Directorate and the District Offices during 1982-83. The outlay is for this purpose.

Education

1. *Starting of Degree College and Hospital*

(Outlay Rs. 2 lakhs)

The existing degree college in homoeopathy is located at Calicut. A new degree college and collegiate hospital in the southern part of Kerala is contemplated in the Sixth Plan. The outlay earmarked is for taking initial steps under the scheme.

2. *Development of Existing Homoeopathic Degree College, Kozhikode and Construction of Hospital Buildings.*

(Outlay Rs. 13 lakhs)

An overall development of the College and Collegiate Hospital at Kozhikode is highly necessary. The bed strength and staff strength have to be raised. Modern equipments and other facilities such as X-ray, clinical laboratory, etc. are to be provided for undertaking clinical training to the students of the Homoeo College. The amount provided in the Plan will be utilised for the overall development of the College.

3. *Refresher Course to Medical Officers*

(Outlay Rs. 0.50 lakh)

Refresher courses are necessary to Medical Officers for increasing their knowledge in homoeopathy and for acquiring knowledge about the latest developments in homoeopathy. A sum of Rs. 0.50 lakh is provided for the above purpose and also for reviving the Nurses/Pharmacists Training in the Department of Homoeopathy.

Other Programmes

1. *Power Laundries and Generators*

(Outlay Rs. 3.50 lakhs)

It is proposed to provide power laundries and generators in major hospitals where they do not exist at present.

2. *Food Administration (Augmentation)*

(Outlay Rs. 10 lakhs)

The amount provided in the Plan will be utilised for the efficient enforcement of Food Adulteration Act by posting of additional staff etc.

3. *Drugs Control*

(Outlay Rs. 4 lakhs)

For 1982-83 an amount of Rs. 4 lakhs is provided for the expansion of the Inspectorate and the Drugs Testing Laboratory. The provision also includes the expenditure to be incurred for the construction of an animal house attached to the Drugs Testing Laboratory.

4. *Health Statistics and Research*

(Outlay Rs. 0.25 lakh)

The outlay made in the Plan is for strengthening the Statistical Wing in the Directorate of Health Services and peripheral institutions.

5. *Health Education and Publicity*

(Outlay Rs. 1 lakh)

The provision in the Plan is for strengthening the existing media division introducing the hospital health education scheme, continuing the Integrated Health Package Programme and for organising seminars on sexually transmitted diseases and on sex education.

6. *School Health Programme—Health Card for School Children*

(Outlay Rs. 70 lakhs)

The outlay earmarked will be utilised for meeting expenditure on salaries of staff sanctioned under the scheme at the Directorate and District-level and for the purchase of furniture, kits and printing of required number of cards etc.

7. *State Public Health Laboratory and Regional Laboratories*

(Outlay Rs. 7 lakhs)

The provision is for the expansion of the major sections in the Public Health Laboratory, Trivandrum and for improving of the Regional Laboratories.

8. *Chemical Examiner's Laboratory*

(Outlay Rs. 7 lakhs)

The Chemical Examiner's Laboratory caters to the needs of judiciary in crime detections. More than 15,000 articles involved in various crime heads are to be examined in the laboratory every year. The outlay proposed in the Plan is for strengthening the Central Laboratory at Trivandrum and for the establishment of two Regional Chemical Examiner's Laboratories at Calicut and Ernakulam, appointment of additional staff and purchase of modern equipments.

9. *Government Analyst's Laboratory*

(Outlay Rs. 9 lakhs)

The amount provided will be utilised for the continuance of Government Analyst Laboratories,

Trivandrum and Regional Laboratories, Ernakulam and Calicut. The provision also includes the expenditure for conducting orientation courses for food inspectors.

10. *Tribal Sub-Plan*

(Outlay Rs. 3 lakhs)

The provision is intended for the continuance of maternity and child health centres and mobile medical units already sanctioned including vehicles.

11. *Pharmaceutical Corporation*

(Outlay Rs. 3 lakhs)

The outlay provided is the share capital contribution of the Government to the Corporation.

12. *Fraternity Home for Integrated Healing*

(Outlay Rs. 1 lakh)

The amount provided is for starting the Fraternity Home for Integrated Healing, Trivandrum.

13. *E.S.I. Scheme*

(Outlay Rs. 5.21 lakhs)

The outlay earmarked is the State's share of expenditure of the Corporation. The programmes proposed to be implemented during 1982-83 are the following:—

- (i) Strengthening of administrative machinery at the Headquarters and starting of regional offices, for opening of new medical store at Quilon and opening of regional laboratories etc.
- (ii) Continuance of the dispensaries opened during the Plan period; and
- (iii) Opening of new dispensaries.

7.6 SEWERAGE AND WATER SUPPLY

The following targets and objectives have been accepted to be achieved during the decade 1981-90 which has been declared as the "International Drinking Water Supply and Sanitation Decade" by the United Nations.

- (i) Urban Water Supply: 100 per cent coverage of all urban areas
- (ii) Urban Sewerage: 100 per cent coverage of the urban population in all Class I cities with complete sewerage and sewerage treatment. 80 per cent of urban population to be covered with sewerage systems or sanitary toilet connected to safe disposal systems.
- (iii) Rural Water Supply 100 per cent of the rural population to be provided with safe drinking water.
- (iv) Rural Sanitation 25 per cent of the rural population are expected to be provided with sanitation facilities.

Though possibilities of mobilising international and institutional finance are being explored these targets call for adequate investment in the public sector during the Sixth and Seventh Plan periods. The annual plan proposals for 1982-83 for the State have been drawn up in the above objective in view. A short description of the plan schemes is given below:

Direction and Administration

1. *Setting up of Planning Cell and a Statistical Unit*

(Outlay Rs. 3.20 lakhs)

The Planning Cell attached to PHED is entrusted with the task of plan formulation, guidance and control of various sewerage and water supply projects, monitoring of the work and contacting international and bilateral agencies for raising financial resources etc. Many of the international agencies like the U.N., W.H.O., UNICEF and IBRD, and the Centre and State Governments are in need of data on various aspects of public health engineering. Hence the need for the formation of statistical unit in the Public Health Engineering Department. The plan provision is for the continuation of the Planning Cell and also for the formation of Statistical Unit during 1982-83.

2. *Strengthening of Execution Units for the Implementation of Plan Schemes and Reorganisation of Department*

(Outlay Rs. 30 lakhs)

A large number of schemes are under various stages of execution and quite a large number of schemes are proposed to be taken up for execution during the

coming years. The existing strength of staff is inadequate to execute all these schemes. In fact some of these schemes are lagging behind for want of adequate staff. It is also felt that a proper re-organisation of the entire Department is necessary especially during those years when the works on the decade programme are in full swing. The outlay provided in the Plan is to meet the expenditure for strengthening the execution units as well as the re-organisation of the Department which is essential when the bilateral and international agencies have come forward with their aid programmes.

3. *Investigation, Planning and Design Units including Strengthening of Units*

(Outlay Rs. 40 lakhs)

In order to achieve the objectives and targets of the decade programme project reports of a large number of water supply and sewerage projects have to be prepared. The Investigation, Planning and Design Unit of the Department have to be suitably strengthened in order to cope with the increased workload. The outlay provided is meant for the continuance of the existing units, strengthening of the execution units with additional staff and vehicles and for reorganisation during 1982-83.

4. *Research Wing*

(Outlay Rs. 0.10 lakh)

For the efficient operation of water treatment plants and for effective quality control the working of a Research Wing with a Cell for ground water exploration is essential. The outlay provided is for the working of this Unit during 1982-83.

5. *Training Programme*

(Outlay Rs. 1 lakh)

Since public health engineering is a specialised field imparting training to the departmental personnel on latest technology is highly necessary. The outlay is to meet the expenditure under this programme during 1982-83.

6. *Inventory Control, Staff and Equipment*

(Outlay Rs. 0.50 lakh)

The increasing workload of the Department and large scale demand from all the States for the inputs in the construction of water supply and sewerage projects have paved the way for the formulation of separate inventory control unit for the effective management of materials on a scientific way. The changing rules and regulations of purchase have also contributed to the need for a specialised organisation to purchase major items of materials and for controlling and watching its effective utilisation and monitoring through a centralised agency. The provision is intended for the working of this unit during 1982-83.

*Sewerage Schemes*A. *Fresh Schemes*7. *Trivandrum Sewerage Scheme*

(Outlay Rs. 80 lakhs)

The scheme with an estimated total cost of Rs. 480 lakhs is intended to provide sewerage facilities to an additional area of 15 sq. kms. in the thickly populated areas of Trivandrum city, to benefit an additional population of 1.33 lakhs ultimately. The outlay is for the continuance of the scheme during 1982-83.

8. *Quilon Sewerage Scheme*

(Outlay Rs. 50 lakhs)

The scheme with an estimated total cost of Rs. 499 lakhs is intended to provide sewerage facilities in the most densely populated areas of Quilon town with an area coverage of 18 sq. kms. which will serve an ultimate population of 2.24 lakhs in 2001 A.D. The provision is for the continuation of the work during 1982-83.

9. *Calicut Drainage Scheme*

(Outlay Rs. 50 lakhs)

This scheme with an estimated total cost of Rs. 483 lakhs is designed to cover an area of 84 sq. kms in Calicut Corporation to serve an ultimate population of 2.60 lakhs in 2001 A.D. The outlay provided is for the continuance of the scheme during 1982-83.

10. *Guruvayoor Sewerage Scheme*

(Outlay Rs. 8 lakhs)

Guruvayoor in Trichur District is the second most important pilgrimage centre of Kerala. The Guruvayoor sewerage scheme with an estimated total cost of Rs. 67 lakhs is intended to provide sewerage facilities to the entire township to serve an ultimate population of 30,000 in 2005 A. D.

Schemes 11 to 15. No outlay is proposed for 1982-83.

*Rural Sanitation Schemes*16(a) *Distribution of E.S.P. Type Latrines*

(Outlay Rs. 5 lakhs)

This scheme envisages distribution of E.S.P. type squatting slabs at subsidised rates to the economically weaker sections, especially to the harijans and residents of the housing colonies of the weaker sections. The provision is for the continuance of the scheme during 1982-83.

(b) *Distribution of E.S.P. Type Latrines—Special Component Plan*

(Outlay Rs. 13 lakhs)

The provision earmarked for the Special Component Plan is for extending the benefit of the scheme exclusively for Scheduled Castes during 1982-83.

(c) *Distribution of E. S. P. Type Latrines for Scheduled Tribes*

(Outlay Rs. 7 lakhs)

The provision is for extending the benefit of the scheme, exclusively to Scheduled Tribes during 1982-83. The amount of Rs. 7 lakhs is to be included in the Tribal Plan.

(17) *U N D P Project on Low Cost Sanitation.*

(Outlay Rs. 1 lakh)

The outlay is for the formulation of the detailed feasibility report of the scheme and posing it for aid to the international bodies or bilateral agencies. The scheme is proposed to be implemented by the Public Health Engineering Department.

18. *No Outlay for this scheme is proposed during 1982-83.**Urban Water Supply Schemes*A. *Fresh Schemes*19. *Greater Cochin Water Supply and Sewerage Scheme*

(Outlay Rs. 100 lakhs)

Under the comprehensive water supply scheme to Cochin development area only a limited portion has been covered so far. The scheme costing Rs. 793 lakhs is expected to cover an ultimate population of 7.02 lakhs in 2001 A.D. The outlay provided is for the continuance of the work during 1982-83.

20. *Chalakyady Water Supply Scheme*

(Outlay Rs. 0.50 lakh)

The scheme has already been commissioned partially. It is estimated that the scheme when completed can serve an ultimate population of 75,000 in 2001 A.D. The provision is for continuing the work during 1982-83.

21. *Punalur Water Supply Scheme*

(Outlay Rs. 1 lakh)

The scheme is also partially commissioned. The scheme on completion will provide safe drinking water to the entire population of the Municipal area. The outlay provided is for the continuance of the work during 1982-83.

22. *Tirur Water Supply Scheme*

(Outlay Rs. 1 lakh)

The scheme on completion can provide water supply to the entire municipal area, serving a population of 80,000 in 2001 A.D. The provision is for continuing the balance works of the scheme during 1982-83.

23. *Vaikom Water Supply Scheme*

(Outlay Rs. 1 lakh)

The scheme is designed to serve the Vaikom Municipal town and some of the neighbouring panchayats with an estimate cost of Rs. 159 lakhs. On completion

the scheme will serve an ultimate population of 1.80 lakhs in 2001 A.D. The outlay is for continuing the scheme during 1982-83.

24. *Construction of a Storage Dam at Peppara for the Augmentation of Trivandrum Water Supply Scheme*

(Outlay Rs. 200 lakhs)

This is a continuing scheme and is expected to be commissioned during 1982-83. The scheme has been envisaged to tide over the acute scarcity of drinking water in Trivandrum. The scheme is estimated to cost about Rs. 10 crores with a capacity to store water for 210 days demand and can serve an ultimate population of 11.30 lakhs. The outlay is for and commissioning of the scheme during 1982-83.

25. *Cranganoor Water Supply Scheme*

(Outlay Rs. 30 lakhs)

Cranganoor is one among the important pilgrim centres of northern Kerala. The scheme is being executed with L.I.C. Loan assistance with an installed capacity of 6.25 M.L.D. to cover an ultimate population of 1 lakh by the end of 2001 A.D. in Kodungaloor Municipal area and adjacent Panchayats. The total estimated cost of the scheme is Rs. 150 lakhs. The provision earmarked is for continuing the scheme during 1982-83.

26. *Angamaly Water Supply Scheme*

(Outlay Rs. 22 lakhs)

This is a continuing scheme with L.I.C. loan assistance and is estimated to cost Rs. 99.50 lakhs. The scheme on completion can provide safe drinking water to an ultimate population of 50,000 in 2001 A.D. with an installed plant capacity of 5-6 M.L.D. The outlay provided is for continuing the scheme during 1982-83.

27. *Completion of Partially Commissioned Schemes*

(Outlay Rs. 80 lakhs)

The outlay included in the Plan for 1982-83 is to meet the expenditure for the completion of urban water supply schemes which have been already commissioned.

28. *Improvements to Existing Schemes*

(Outlay Rs. 5 lakhs)

The provision is for improvement to some of the existing water supply schemes which are in urgent need of improvement during 1982-83.

29. *Pathanamthitta Water Supply Scheme*

(Outlay Rs. 20 lakhs)

The scheme in Quilon District is to provide protected water supply to an ultimate population of 64,000 in 2001 A.D. with an installed capacity of 5.6 M.L.D. The total estimated cost of the scheme is Rs. 87 lakhs. The Plan outlay in 1982-83, is for continuing the scheme for which L.I.C. assistance is expected.

30. *Thodupuzha Water Supply Scheme*

(Outlay Rs. 30 lakhs)

Thodupuzha Municipality in Idukki District can be fully covered on commissioning the scheme. The scheme on completion can provide water supply to an ultimate population of 74,000 in 2001 A.D. with an installed capacity of 11 MLD. The total estimated cost of the scheme is Rs. 137 lakhs. The Plan outlay for this scheme is for continuing the scheme during 1982-83 for which L.I.C. assistance is expected.

31. *Thrippunithura Water Supply Scheme*

(Outlay Rs. 30 lakhs)

The scheme is to cover Thrippunithura Municipality with an installed capacity of 7.6 MLD to serve an ultimate population of 76,000 in 2001 A.D. The estimated cost of the scheme is Rs. 126 lakhs. The 1982-83 outlay is Rs. 30 lakhs. L.I.C. assistance is expected to continue the scheme.

32. *Nedumangad Water Supply*

(Outlay Rs. 1 lakh)

The Plan provision is to do the preliminary works on the scheme during 1982-83.

33. *Chengannoor Water Supply Scheme*

(Outlay Rs. 1 lakh)

The token provision made is for doing the preliminary works on the project during 1982-83.

34. *Kothamangalam Water Supply Scheme*

(Outlay Rs. 0.50 lakh)

The token provision made is for doing the preliminary works on the project during 1982-83.

35. *Ponnani Water Supply Scheme*

(Outlay Rs. 0.50 lakh)

The token provision made is for doing the preliminary works on the project during 1982-83.

36. *Chowghat Water Supply Scheme*

(Outlay Rs. 3 lakhs)

The provision is for doing the preliminary works on the project during 1982-83.

37. *Shornur Water Supply Scheme*

(Outlay Rs. 1 lakh)

This token provision is for doing the preliminary works on the project during 1982-83.

38. *Manjeri Water Supply Scheme*

(Outlay Rs. 0.50 lakh)

The token provision is for doing the preliminary works on the project during 1982-83.

39. *Varkala Water Supply Scheme*

(Outlay Rs. 1 lakh)

This token provision is for doing the preliminary works on the project during 1982-83.

*I. B. R. D. Scheme*40. *Idukki Township Water Supply Scheme*

(Outlay Rs. 1 lakh)

The scheme has been posed to World Bank for assistance with an estimated total cost of Rs. 220 lakhs. The scheme on completion can serve the Idukki township and adjacent Panchayats with an installed capacity of 12.60 M. L. D. The provision is for doing the preliminary works on the project during 1982-83.

41. *Augmentation Schemes*(a) *I. B. R. D. Schemes*

Two augmentation schemes, viz. Quilon and Kottayam Water Supply Augmentation Schemes, have been posed for World Bank assistance by early 1980's. Negotiations and appraisals are being made by the Government of India with the Bank authorities for the aid. The estimated cost of the two schemes are Rs. 1253 and Rs. 490 lakhs respectively. They can meet the requirements of the entire population of the regions on completion. The aid may come forth only by the end of 1982-83.

41. *Quilon Water Supply Scheme (Augmentation)*

(Outlay Rs. 16 lakhs)

The provision is to meet the expenditure incurred for the interim work for providing immediate water supply to the acute water scarcity areas in Quilon town and for advance action for the scheme.

42. *Kottayam Water Supply (Augmentation) Scheme*

(Outlay Rs. 11 lakhs)

The outlay provided in the plan is to tide over the acute water scarcity in the Kottayam municipal area and for advance action for IBRD assistance, which is already on the way.

(b) *Other Augmentation Schemes*43. *Pelghat Water Supply (Augmentation) Scheme*

(Outlay Rs. 20 lakhs)

This scheme has already been partially commissioned inter-connecting with the original scheme. The outlay proposed in the Plan is for carrying out the balance works during 1982-83. On completion of the scheme it is expected that a population of 2.50 lakhs will be served in 2001 A. D.

44. *Trichur Water Supply (Augmentation) Scheme*

(Outlay Rs. 30 lakhs)

It has been proposed to augment the existing scheme to cover an ultimate population of 3.80 lakhs in

2001 A. D. with an estimated cost of Rs. 245.30 lakhs. The outlay provided in the plan is to continue the work of this scheme during 1982-83.

45. *Malappuram Water Supply (Augmentation) Scheme*

(Outlay Rs. 15 lakhs)

The augmentation proposed at present is to cover a population of 50,000 in 2001 A. D. with an estimated cost of Rs. 51 lakhs. The scheme is being implemented with L. I. C. of India loan assistance. The outlay proposed in the plan is for the completion of the scheme during 1982-83.

46. *Kayamkulam Water Supply (Augmentation) Scheme.*

(Outlay Rs. 1 lakh)

The augmentation of Kayamkulam water supply scheme is envisaged to serve a larger area and an ultimate population of 1 lakh in 2001 A.D. The scheme is estimated to cost Rs. 29.80 lakhs and the outlay provided is for the completion of the scheme.

47. *Sherthallai Water Supply (Augmentation) Scheme*

(Outlay Rs. 1 lakh)

The existing water supply system of Sherthallai Municipality is found to be inadequate to meet the requirement of the area. Hence an augmentation is proposed with an estimated cost of Rs. 20.70 lakhs which on completion can provide water supply facilities to an ultimate population of 64,000 in 2001 A.D. The provision is for continuing the work during 1982-83.

48. *Palai Water Supply (Augmentation) Scheme.*

(Outlay Rs. 0.50 lakh)

The augmentation of Palai water supply scheme is proposed to cover an ultimate population of 25,000 in 2001 A.D. with an estimated cost of Rs. 28.50 lakhs. The provision is for the completion of the scheme. The scheme is being executed with L.I.C. of India loan assistance.

49. *Alleppey Water Supply (Augmentation) Scheme.*

(Outlay Rs. 0.10 lakh)

The provision is for continuing the augmentation works during 1982-83.

50. *Cannanore Water Supply (Augmentation) Scheme.*

(Outlay Rs. 1 lakh)

The provision is for continuing the augmentation works of the scheme during 1982-83.

51. *Badagara Water Supply (Augmentation) Scheme*

(Outlay Rs. 1 lakh)

The provision is for continuing the augmentation works of the scheme during 1982-83.

52. *Greater Trivandrum Water Supply (Augmentation) Scheme*

(Outlay Rs. 1 lakh)

The provision is for continuing augmentation works of the scheme during 1982-83.

53. *Greater Calicut Water Supply (Augmentation) Scheme*

(Outlay Rs. 1 lakh)

The provision is for continuing the augmentation works of the scheme during 1982-83.

Minimum Needs Programme (Sl. Nos. 54-91)

Rural Water Supply Schemes

A. Piped Water Supply

54. *Rural Water Supply Scheme (L.I.C. aided)*

(Outlay Rs. 200 lakhs)

The L.I.C. has agreed to finance 66 Rural Water Supply Schemes during 1981-82 costing more than Rs. 850 lakhs. Apart from that there are certain spillover schemes also to be completed. The outlay provided is to complete the spillover schemes and to continue the newly sanctioned schemes during 1982-83.

55. *Other Rural Water Supply Schemes (Continuing and New Ones)*

(Outlay Rs. 135 lakhs)

These are schemes proposed to be taken up without L.I.C. assistance. The extensions to the periphery Panchayats or Municipalities are also being financed from this head. The provision is for continuing the scheme during 1982-83.

56. *Comprehensive Rural Water Supply Scheme to Ayilur Nemmara*

(Outlay Rs. 15 lakhs)

The outlay is to finance the water supply scheme in Ayilur Nemmara areas which are suffering from acute scarcity of drinking water.

57. *Sabarimala Water Supply Scheme*

(Outlay Rs. 20 lakhs)

The scheme aims at providing drinking water facilities to the Pilgrims to Sabarimala, since great difficulties are being experienced at present. The scheme is expected to cost Rs. 50 lakhs and the outlay proposed is for continuing the scheme during 1982-83.

58. *Accelerated Rural Water Supply Scheme (Spillover)*

(Outlay Rs. 1 lakh)

The outlay provided is for the completion of the spillover schemes taken up earlier under Government of India assistance.

59. *Improvements and Special Repairs to Existing Schemes.*

(Outlay Rs. 50 lakhs)

The outlay provided in the plan is to carry out improvements and repairs to some of the rural water supply schemes which have been commissioned long back.

Water Supply Schemes Benefiting Weaker Sections of the Community

60. (a) *Other Rural Water Supply Schemes Benefiting Harijans*

Special Component Plan for Scheduled Castes

(Outlay Rs. 170 lakhs)

Water Supply schemes exclusively for the benefit of harijans are being implemented under this programme. The outlay proposed is for continuing these schemes during 1982-83.

60. (b) *Other Rural Water Supply Schemes Benefiting Harijans—Sub Plan for Scheduled Tribes*

(Outlay Rs. 20 lakhs)

The plan provision is for extending the benefit of the Water Supply Schemes exclusively to Scheduled Tribes.

61. *Protected Water Supply to Tribal Areas (Tribal Sub Plan)*

(Outlay Rs. 25 lakhs)

Schemes exclusively for the benefit of tribal people in the Sub Plan areas are proposed to be implemented under this programme. The outlay proposed is for continuing the scheme during 1982-83.

Bilateral Assistance Scheme

62. *Comprehensive Rural Water Supply Schemes to Nattika Firka.*

(Outlay Rs. 50 lakhs)

The scheme is proposed to be implemented under bilateral assistance from Netherlands Government. The estimated cost of the scheme is Rs. 674 lakhs and is expected to provide water supply to an ultimate population of 401862 with an installed capacity of 20.08 MLD. The outlay provided is to continue the scheme during 1982-83.

63. *C.R.W.S.S. to Vaikom Anjengo*

(Outlay Rs. 50 lakhs)

This scheme also is proposed to be implemented under bilateral assistance from Netherlands Government. The estimated cost of the scheme is calculated to be Rs. 382.62 lakhs with an installed capacity of 9.7 MLD and can serve an ultimate population of 1,93,660 in 2005 AD. in Vakkom, Kadakkavoor, Chirayinkil, Anjengo and adjacent panchayats. The outlay proposed is for continuing the scheme during 1982-83.

64. *Kuttanad Water Supply Scheme*

(Outlay Rs. 25 lakhs)

All the Panchayats covered under this scheme are water logged areas but still acute scarcity is being experienced by the people in getting protected drinking water. It is proposed to implement the remaining portion of the work under bilateral assistance. The scheme is estimated to cost Rs. 1015.8 lakhs and can serve an ultimate population of 514,450 in 2005 A.D. with an installed capacity of 35 MLD. The outlay provided is for continuing the works during 1982-83.

65. *Thrikunnappuzha Water Supply Scheme*

(Outlay Rs. 3 lakhs)

The scheme is proposed to be implemented under bilateral assistance from Netherlands Government. The project would cost Rs. 14.29 lakhs. The installed capacity will be 0.10 MLD and can serve an ultimate population of 12,000 in 2005 A.D. The outlay proposed is for commencing the works on the project during 1982-83.

66. *Comprehensive Water Supply Schemes for Kundara and adjoining Panchayats*

(Outlay Rs. 0.50 lakh)

The outlay provided is for continuing the works on the scheme during 1982-83.

67. *Comprehensive Water Supply Scheme for Thavanoor, Edappal, Vattankulam, Alumoodo etc.*

(Outlay Rs. 0.50 lakh)

The outlay provided is for continuing the above works during 1982-83.

68. *Comprehensive Water Supply Scheme to Quilandy and adjacent Panchayats*

(Outlay Rs. 0.50 lakh)

The provision is for continuing the works relating to the scheme during 1982-83.

69. *Comprehensive Water Supply Scheme to Chumbalacode, Kondotty and Feroke:*

(Outlay Rs. 0.50 lakh)

The provision is for continuing the works relating to the scheme during 1982-83.

70. *Comprehensive Water Supply Scheme to Payyanmoor and adjacent Panchayats*

(Outlay Rs. 0.50 lakh)

The provision is for continuing the works relating to the scheme during 1982-83.

71 to 75. Outlays are not proposed to the schemes under in item Nos. 71 to 75 during 1982-83.

76. *Comprehensive Rural Water Supply Scheme to Kolencherry and adjacent Panchayats*

(Outlay Rs. 0.50 lakh)

The provision is for continuing the works relating to the scheme during 1982-83.

77. *Comprehensive Rural Water Supply Scheme to Pavaratty Chalissery and adjoining Panchayats.*

(Outlay Rs. 0.50 lakh)

The provision is for continuing the works relating to the scheme during 1982-83.

78 to 82. Outlays are not proposed for items 78 to 82 in the Annual Plan for 1982-83.

Schemes Posed for I.B.R.D. Assistance

Following rural water supply schemes are under active consideration of the World Bank for financial assistance.

83. *Water Supply Scheme to Cochin Development Area (Central Zone and South West Zones—Rural)*

(Outlay Rs. 0.90 lakh)

The plan provision is for the preliminary arrangements for starting the scheme on receipt of assistance from the World Bank.

84. *Vilappil Water Supply Scheme*

(Outlay Rs. 0.10 lakh)

The provision is for the preliminary works on the scheme during 1982-83.

85. *Koipuram Water Supply Scheme*

(Outlay Rs. 0.10 lakh)

The provision is for the preliminary works on the scheme during 1982-83.

86. *Cheriyanaad Water Supply Scheme*

(Outlay Rs. 0.10 lakh)

The provision is for the preliminary works on the scheme during 1982-83.

87. *Comprehensive Water Supply Scheme to Chithara, Kadakkal and Nilamel*

(Outlay Rs. 0.10 lakh)

The provision is for the preliminary works on the scheme during 1982-83.

88. *Comprehensive Water Supply Scheme to Vadamukode, Puthencruz and Aikaranad*

(Outlay Rs. 0.10 lakh)

The provision is for the preliminary works on the scheme during 1982-83.

89. *Comprehensive Water Supply Scheme to Mala, Annamanada, Kuzhoor and Poyya*

(Outlay Rs. 0.10 lakh)

The provision is for the preliminary works on the scheme during 1982-83.

90. *Comprehensive Water Supply Scheme to Adoor, Ezhamkulam and Pattazhi*

(Outlay Rs. 0.10 lakh)

The provision is for the preliminary works on the scheme during 1982-83.

B. *Bore Wells*

No outlay is proposed during 1982-83.

C. *Dug Wells*91. (a) *Open Dug Wells*

(Outlay Rs. 10 lakhs)

The scheme envisages provision of drinking water facilities through open draw wells in areas not served by piped water supply. Open draw wells will be provided in all Harijan and Girijan colonies, colonies under

One Lakh Housing Scheme, remote backward villages and places where there is concentration of economically weaker section of the community. The programme will be tied-up with the housing schemes for weaker sections. It is also proposed to provide financial assistance to Harijans and economically backward sections to construct parapet wells to existing drinking water wells to avoid contamination of the well water by the leaching of flood water into the wells during rainy seasons. The provision is for continuing the scheme during 1982-83

(b) *Open Dug Wells—Special Component Plan*

(Outlay Rs. 18.75 lakhs)

The provision is to extend the benefits of the scheme exclusively to Scheduled Castes during 1982-83.

(c) *Open Dug Wells for Scheduled Tribes*

(Outlay Rs. 6.25 lakhs)

The provision is to extend the benefits of the scheme exclusively to Scheduled Tribes during 1982-83.

92.- *Prevention of Air and Water Pollution*

(Outlay Rs. 10 lakhs)

The provision is for giving financial assistance to the Air and Water pollution Control Board for the prevention and control of air and water pollution in the State and to facilitate its functions under the concerned Central Acts. The provision is for the continuance of the current programmes of the Board, for strengthening its laboratories with modern equipment, and also for imparting training to the staff etc.

7.7 Housing

The main objective of the Sixth plan as regards housing is: wiping out the shortage of housing to the maximum extent possible giving greater weightage to the rural poor. The various programmes included in the 1982-83 plan under housing are detailed below:—

1 (a) *Low Income Group Housing Scheme*

(Outlay Rs. 52 lakhs)

The scheme envisages financial assistance by way of loans for house construction to persons whose annual income does not exceed Rs. 7200 and who have no house of their own. Loans are advanced at 8 per cent rate of interest, repayable, in 360 equal monthly instalments or 30 equal annual instalments. The maximum loan admissible is Rs. 14,500. The outlay is for financing the construction of houses under the scheme during 1982-83.

(b) *Low Income Group Housing Scheme—Special Component Plan*

(Outlay Rs. 8 lakhs)

The provision is for extending the benefits of the scheme exclusively to Scheduled Castes during 1982-83.

2 (a) *Middle Income Group Housing Scheme*

(Outlay Rs. 35 lakhs)

Under this scheme loans for house construction are advanced at 8 per cent rate of interest to persons who have no house of their own and whose annual income falls between Rs. 7,201 and 18,000. The maximum loan admissible is Rs. 27,500. The loan is repayable in 300 equal monthly instalments or 25 equal annual instalments. The outlay is for continuing the programme in 1982-83.

(b) *MIG Scheme—Special Component Plan*

(Outlay Rs. 5 lakhs)

The provision is for extending the benefits of this scheme exclusively to Scheduled Castes

3. *Rental Housing Scheme for the Employees of State Government and Local Bodies*

(Outlay Rs. 100 lakhs)

This scheme is intended to construct houses and to lease them on rental basis to the employees of State Government. It is proposed to provide rental housing accommodation of Government servants in all major towns in the State raising financial assistance to the extent of 70 per cent of the project cost from institutional agencies like the HUDCO. The balance 30 per cent of the project cost is to be met by the Government. The scheme will be implemented through the Housing Board. The scheme includes provision for the construction of a four storied building to accommodate 250 male employees of the Government Secretariat

on rental basis. The outlay is for the above purposes and also for the payment of annuity to the Kerala State Housing Board for the houses constructed by them earlier under the Rental Housing Scheme.

4. *Construction of Residential Quarters to Government Servants*

(Outlay Rs. 40 lakhs)

The provision is for the construction of residential quarters to Government servants belonging to the higher income groups. The provision is for continuing the scheme in 1982-83.

Minimum Needs Programme

5(a) *Provision of House Sites to Rural Workers*

(Outlay Rs. 47.50 lakhs)

Under this scheme developed plots in small and medium colonies provided with facilities like roads, drainage, individual sanitary latrins, drinking water etc. are distributed to the landless families. Surplus land taken over by Government under the Land Reforms Act is also utilised for the scheme. The scheme is implemented in selected Panchayats and 50 per cent of the house sites available in the Panchayat area is earmarked for allotment to landless agricultural workers belonging to Scheduled Castes and Scheduled Tribes. The outlay proposed is for continuing the scheme during 1982-83.

(b) *Provision of House Sites to Rural Workers—Special Component Plan*

(Outlay Rs. 34.50 lakhs)

The provision is for extending the benefit of the scheme exclusively to Scheduled Castes.

(c) *Provision of House Sites to Rural Workers—Tribal Sub Plan*

(Outlay Rs. 3 lakhs)

The provision is for extending the benefit of the scheme exclusively to Scheduled Tribes.

6(a) *Construction of Huts/Houses for Rural Workers*

(Outlay Rs. 35 lakhs)

Under this scheme financial assistance (Rs. 1,000) is provided for the construction of houses in house sites already allotted to landless workers in rural areas. The financial assistance is meant for the purchase of timber and tiles for the construction of houses. The outlay provided is for continuing the scheme.

(b) *Construction of Huts/Houses for Rural Workers—Component Plan*

(Outlay Rs. 7 lakhs)

The provision is for extending the benefits of the scheme exclusively to Scheduled Castes.

7. (a) *Settlement of Agricultural Labourers in Government Poramboke Lands.*
(Outlay Rs. 2.50 lakhs)

The amount provided is for financial assistance for house construction at the rate of Rs. 1,500 (grant Rs. 1,100 and loan Rs. 400) to assignees of Government poramboke lands and to agricultural workers owning land not exceeding 2 acres. Fifty per cent of such financial assistance is reserved to members of Scheduled Castes and Scheduled Tribes. The outlay is for continuing the above scheme.

- (b) *Settlement of Agricultural Labourers in Government Poramboke Lands—Special Component Plan*
(Outlay Rs. 2 lakhs)

The provision is for extending the benefits of the scheme exclusively for Scheduled Castes.

- (c) *Settlement of Agricultural Labourers in Government Poramboke Lands—Tribal Sub Plan*
(Outlay Rs. 0.50 lakh)

The outlay is for extending the benefits of the scheme exclusively to scheduled tribes.

8. *Assistance to Kerala State Development Corporation for Scheduled Castes and Scheduled Tribes for Housing Programmes*
(Outlay Rs. 85 lakhs)

The Kerala State Development Corporation for Scheduled Castes and Scheduled Tribes has taken up a massive programme for the benefit of Scheduled Castes and Scheduled Tribes. The scheme is partly financed by HUDCO loans and partially by grants from State Government. In the first series, the corporation has constructed 2200 houses in 1977-78 at a unit cost of Rs. 5000. In its second series the corporation has taken up in 1979-80, a housing scheme for the construction of 10,000 low cost houses at a unit cost of Rs. 3000 of which 9246 houses have been completed. In the third series, the corporation has taken up in 1980-81 a housing scheme for construction of 10,000 low cost houses (second) at a unit cost of Rs. 3700 of which 2749 houses have been completed. Besides, the Corporation has started a housing scheme for the scavengers of the Municipal Corporation of Calicut. Under this scheme 100 houses, each costing Rs. 6000 are proposed to be constructed.

The provision made in the Plan for 1982-83 is for the subsidy portion of the on going-schemes and also to take up new schemes during 1982-83.

9. *Kerala State Housing Board*
(Outlay Rs. 200 lakhs)

The Housing Board depends mainly on institutional finance for implementing their housing programmes. At the same time the Board required seed capital to serve as a buffer finance to make good the shortfalls in institutional finance raised by the Board for its various housing programmes. This seed capital is provided in the form of public borrowing. The outlay provided is for the public borrowing of the Housing Board during 1982-83.

10. *Slum Clearance and Rehousing—Special Component Plan.*
(Outlay Rs. 20 lakhs)

The Chengalchoola Slum Improvement Scheme at Trivandrum which envisages the rehabilitation of 700 families is the only major slum improvement and rehousing scheme taken up by Government so far. Three hundred and twenty-eight houses have been completed and handed over for occupation. The provision made is for its third stage of work and also for taking up new schemes during 1982-83.

11. (a) *Upgradation of Marginal Settlements*
(Outlay Rs. 9 lakhs)

The scheme for 'making structural and environmental changes to existing houses' is now redesignated as upgradation of marginal settlements. The scheme is meant for providing financial assistance to families for the upgradation of their existing sub-standard houses. Financial assistance in the form of loans is given to such families to change the roof (from perishable to durable) to provide additional accommodation and to improve sanitary facilities such as bath and closet and water supply. The scheme is implemented through local bodies. The outlay is for continuing the scheme during 1982-83.

- (b) *Upgradation of Marginal Settlements—Special Component Plan.*
(Outlay Rs. 1 lakh)

The provision is for extending the benefits of the scheme exclusively to Scheduled Castes during 1982-83.

12. *Police Housing Scheme*
(Outlay Rs. 40 lakhs)

According to the norms approved by Government, family quarters are to be constructed for 100 per cent of the staff of local police and special units as well as the staff of the Armed Police Battalions and Armed Reserves except the Head Constables and Police Constables. For Head Constables/Havildars and the Police Constables, Naiks/Lance Naiks of Armed Police Battalions and Armed Reserves, family quarters are to be provided for only 50 per cent of their respective strength. The balance 50 per cent are to be provided with barracks accommodation. The personnel covered by the police housing scheme in the State during 1979-80 was only 44.6 per cent. This has to reach the level of 56.2 per cent. To reach this level the Finance Commission has awarded funds for police housing under the non-Plan. An action plan has been prepared to achieve this level by utilising the funds under Plan and Non-Plan sources. The provision is for continuing the works on the construction of 300 houses and barracks for 500 men, starting new works for constructing 400 houses and barracks for 500 men during 1982-83 and also for payment of annuity to the Housing Board for the 417 flats constructed by them for police personnel at Cochin. The outlay is for the above purpose and for payment of annuity to the Housing Board for the 417 flats constructed by them for police personnel at Cochin.

13. *Government Servants' Policemen's Housing Co-operatives*

(Outlay Rs. 22 lakhs)

The scheme, "Government servants' Housing Co-operatives" is now redesignated as Government Servants' Policemen's Housing Co-operatives. The outlay is meant for providing share capital contribution, loans to Government servants and Policemen and subsidy to reduce the rate of interest charged on the member borrowers of these societies during 1982-83.

14. (a) *Loans to Government Servants for House Building.*

(Outlay Rs. 225 lakhs)

The outlay is meant for providing house construction advances to Government Servants during the year 1982-83.

(b) *Loans to Government Servants for House Building Special Component Plan.*

(Outlay Rs. 22.50 lakhs)

The provision is for extending the benefits of this scheme exclusively to Scheduled Castes during 1982-83.

(c) *Loans to Government Servants for House Buildings for Scheduled Tribes.*

(Outlay Rs. 2.50 lakhs)

The provision is for extending the benefits of the scheme exclusively to Scheduled Tribes under the Tribal Sub Plan.

*Other Schemes*15. *Land Acquisition and Development.*

No outlay is earmarked for this scheme in 1982-83.

16. *Housing Scheme for Industrial Workers.*

(Outlay Rs. 4 lakhs)

The Kerala State Housing Board has drawn up proposals for housing scheme for industrial workers drawing loan assistance from the HUDCO. According to the scheme, Government has to provide a subsidy of Rs. 500 and loan assistance of Rs. 2500 for each house constructed under the scheme. The provision is for the above scheme and also for maintenance of the houses constructed earlier under the subsidised Industrial Housing Scheme and housing scheme for the economically weaker sections of the community.

17. *Kerala Co-operative Housing Federation.*

(Outlay Rs. 75 lakhs)

The Co-operative Housing Federation has programme to assist the construction of 38,350 houses during the Sixth Plan period. To cope with this task, the Federation proposes to organise 79 new primary housing co-operative in areas not covered so far. The Federation has to augment its resources to implement this massive programme by raising institutional finance mainly from the L.I.C. The share

capital base of the Federation has to be strengthened to raise its borrowing capacity. The plan provision is towards market borrowing (Rs. 50 lakhs) and share capital contribution (Rs. 25 lakhs) to the Co-operative Housing Federation during 1982-83.

18. *Kerala School Teachers and Non-Teaching Staff's Welfare Society (Margin Money) for Housing*

(Outlay Rs. 36 lakhs)

The provision is meant for providing margin money to the Society to enable the teachers and non-teaching staff to build their own houses with assistance from financial institutions like the HUDCO, L.I.C. etc; during 1982-83.

19. *Sponsored Research in Low Cost Housing*

(Outlay Rs. 1 lakh)

The scheme, research in low cost housing and production of building materials, is now renamed as Sponsored Research in Low Cost Housing. At a time when cost of house building materials is soaring up, it is essential to develop new and cheap substitute to reduce construction cost to the extent possible. The outlay provided is for sponsored research in low cost housing using locally available materials to be undertaken by Lal Bahadur Sastri Engineering Research and Consultancy Centre, Trivandrum during 1982-83.

20. *Housing Scheme for Plantation Labour*

As this scheme is a Central sector scheme no provision is made in the State sector during 1982-83.

21. (a) *Village Housing Project Scheme*

(Outlay Rs. 22.50 lakhs)

This scheme recognises the fact that improvement of Village housing should form part of the programme for the all round economic and physical development of the rural areas. Under the scheme financial assistance for house construction is given to the residents of selected villages or to housing co-operatives for house construction on an aided self-help basis. The scheme envisages also provision of common amenities such as streets and drains in these villages. The outlay is for continuing the scheme during 1982-83.

(b) *Village Housing Project-Special Component Plan*

(Outlay Rs. 2.50 lakhs)

The Plan provision is for extending the benefits of the scheme exclusively to Scheduled Castes during 1982-83.

22 (a) *Co-operative Housing scheme for Economically Weaker Sections*

(Outlay Rs. 40 lakhs)

The co-operative sector and the Housing Board have jointly launched a housing scheme for economically weaker sections in rural areas. The bulk of the finance comes as loans from HUDCO and the co-operative sector. Government gives a grant of Rs. 500 per house. The provision is for meeting the grant portion of the above programme during 1982-83.

(b) *Co-operative Housing Scheme for Economically Weaker Sections*

(Outlay Rs. 18 lakhs)

This provision is for extending the benefits of the scheme exclusively to scheduled Castes during 1982-83.

(c) *Co-operative Housing Scheme for Economically Weaker Sections for Scheduled Tribes*

(Outlay Rs. 2 lakhs)

This Plan provision is for extending the benefits of the scheme exclusively to scheduled tribes during 1982-83 under the Tribal Sub Plan.

23. *Housing Scheme in Kasargode*

(Outlay Rs. 2 lakhs)

The scheme envisages improvement of the housing conditions in the backward taluks of Kasargode and

Hosdurg. The outlay is for continuing the programme during 1982-83.

24. *Houses under Tribal Sub Plan*

(Outlay Rs. 10 lakhs)

The scheme is meant for providing houses to every tribal family in the Sub Plan areas in a phased manner. The outlay is for continuing programme of constructing houses to tribal families in the Sub-Plan areas, during 1982-83.

25. *Colonisation Scheme in Attappady*

(Outlay Rs. 6 lakhs)

The scheme envisages development of the Attappady Valley with infrastructure for the rehabilitation of the tribals. The outlay is meant for continuing the programme during the period 1982-83.

7.8 Urban Development

The concept of planned urban development is of recent origin in the country. The major agencies concerned with urban development in the State are the Departments of Town Planning, the Municipalities and the Kerala Urban Development Finance Corporation. The following are the schemes proposed for the Annual Plan 1982-83.

Financial Assistance to Local Bodies for Town Improvement Works Remunerative Schemes

1. Kerala Urban Development Finance Corporation

(Outlay Rs. 130 lakhs)

This Corporation, a Government owned private limited company, was formed with the main objective of ensuring the overall orderly development of cities and towns in the State. The Corporation provides financial assistance to urban local bodies in the State by way of loans and advances for the execution of their remunerative development programmes such as construction of bus stands, markets, shopping centres, commercial complexes, lodging houses etc. The outlay is for giving loan finance to the Corporation by way of market borrowing during 1982-83.

2. Share Capital Contribution to the K.U.D.F.C.

(Outlay Rs. 10 lakhs)

The debt-equity ratio of the Kerala Urban Development Finance Corporation at present is 101:2 and it is necessary to maintain a healthy debt equity ratio for this financing agency. Further, the Board has already approved schemes worth Rs. 12 crores proposed by urban local bodies. The Corporation also has plans to take up economically viable joint ventures, urban development schemes etc. in collaboration with the local bodies. So, the share capital base of the Corporation has to be strengthened to take up these activities. The plan provision is towards share capital contribution during 1982-83.

Non-remunerative Town Improvement Schemes

3. Financial Assistance to Municipalities/Corporations

(Outlay Rs. 20 lakhs)

The scheme envisages payment of financial assistance to Urban local bodies by way of loans and grants for their non-remunerative undertakings such as construction of roads, culverts, bridges, drains, office buildings, town halls, maternity and child welfare centres, libraries, parks, pla-grounds, stadia etc. Government will extend half of the cost of the projects as loan and 1/6 as grant. The balance cost required for completion of the project shall be met by way of contribution from the beneficiaries or from the Municipal revenue. The provision is for payment of financial assistance to the urban local bodies for their non-remunerative undertakings during 1982-83.

Town and Regional Planning

4. District Planning Units of the Department

(Outlay Rs. 3 lakhs)

At present there is no planning Unit at Alleppey and Wynad. The outlay is for starting new District

Planning Units, at Alleppey and Wynad, and for strengthening and continuing the District Planning Units at Trichur, Kottayam and Cannanore during 1982-83.

5. Master Plan for Agro-Industrial Centres, Urban Areas and Tourist Centres

(Outlay Rs. 2 lakhs)

It is proposed to prepare Master Plans for the development of all Municipal towns in the State in a phased manner. Detailed proposals for priority development areas also have to be worked out. So far, development plans have been prepared for 14 Municipal Towns. It is proposed to prepare such development plans for the remaining towns in the State in a phased manner. The outlay provided is for continuing the ongoing projects for Punatur, Shertallai, Palai, Kodungalloor and Angamaly and also for taking up new projects during 1982-83.

6. Re-organisation of Headquarters Office and Subordinate Offices of the Town Planning Department

(Outlay Rs. 4 lakhs)

It is proposed to reorganise the Headquarters Office of the Chief Town Planner into 8 functional divisions for technical and administrative efficiency. The provision is made for the reorganisation of the Headquarters Office and subordinate offices of the Department and for certain posts for preparing the Department Manual.

7. Traffic Operation Plan for Major Urban Centres

(Outlay Rs. 0.20 lakh)

Urban Traffic and Transportation Plans are at present being prepared for the cities of Trivandrum, Cochin and Calicut by NATPAC on contract basis. Similar plans for the major urban centres like Quilon, Kottayam, Trichur, Alleppey, Palghat, Cannanore etc. have to be prepared. It is proposed to create an "Urban Traffic and Transportation Planning Cell" for this purpose in the Town Planning Department. The provision is made for the above purpose during 1982-83.

8. Creation of Planning and Development Authorities in Selected Urban Centres

(Outlay Rs. 9 lakhs)

The proposed outlay is for giving financial assistance to the existing Development Authorities, Trivandrum Town Planning Trust etc., for meeting the establishment expenses of these Authorities in their early stages of existence and for creating new Development Authorities during 1982-83.

9. Implementation of Development Plans in Urban Areas-- Financial Assistance to Planning and Development Authorities for Implementation of Development Plans Including Township at Idukki

(Outlay Rs. 20.30 lakhs)

The outlay provided is for giving financial assistance during 1982-83 (grant-in-aid) to development authorities, town planning trusts and local bodies for:—

(i) implementation of priority development projects under sanctioned planning schemes.

The provision is mainly for acquisition and development of land for the projects)

(ii) implementation of urban environmental improvement schemes within their jurisdiction;

(iii) acquisition of cheap land in and around cities and towns in advance of implementation of non-remunerative urban development schemes like construction of roads, playgrounds, parks etc; and

(iv) developing the township at Idukki.

10. *Preparation of a State Spatial Development Plan*

(Outlay Rs. 3.00 lakhs)

It is proposed to prepare a comprehensive development plan, locating the important growth centres in the State and evolving policies for infrastructure development in view of the special characteristics of the State. The provision is for meeting expenditure of the staff engaged in the above work.

Town and Country/Regional Planning

11. *State Town and Country Planning Board*

(Outlay Rs. 0.50 lakh)

The State Town and Country Planning Board has been constituted to guide, control and monitor the formulation of the State Spatial Development Plan and to preserve the unique character, atmosphere and natural setting of monuments and other places of tourist interest in the State. The provision is for the creation of a nucleus staff to assist the Chief Town Planner as the Secretary of the Board.

12. *Creation of an Evaluation and Monitoring Cell*

(Outlay Rs. 1 lakh)

The provision is for continuing the Evaluation and Monitoring Cell in the Town Planning Department for evaluating and monitoring the preparation of Master Plans and Town Planning Schemes and their implementation during 1982-83.

13. *Scheme for Development of Growth Centres*

(Outlay Rs. 1.50 lakhs)

This scheme aims at research studies for identifying growth centres for the creation of employment, provision of infrastructure facilities and other amenities in the backward districts of the State. The provision is for the development of a growth centre at Kayamkulam in Alleppey District during 1982-83.

14. *Training of Personnel including Apprenticeship Training and Inservice Orientation*

(Outlay Rs. 1.50 lakhs)

The scheme is meant for imparting training to the technical personnel of the Department of Town Planning in Town and Country Planning, for inservice orientation and also for giving training to the apprentices. The outlay is meant for the above purposes during 1982-83.

15. *Improvement and Development of Small, Medium and Intermediate Towns—Centrally Sponsored with 50 per cent Central Assistance—Matching Contribution from the State Government*

(Outlay Rs. 75 lakhs)

The scheme is designed to make improvement and developments to small and medium towns which have development potential. The scheme is applicable to towns with a population of below one lakh. It envisages provision of financial assistance for improvement of small and medium towns in the State for which project reports have been prepared. The provision is to meet the State's share of this centrally sponsored scheme during 1982-83.

16. *Redevelopment of Blighted Spots in Major Urban Centres*

(Outlay Rs. 2.50 lakhs)

A scheme for the redevelopment of blighted spots occurring in the core areas in the major urban centres of the State is proposed to be taken up during the Sixth Plan period. The main problems in such affected areas are overcrowding, narrowness of streets and roads, mixed land uses, sub-standard buildings, under-utilization of valuable land etc. The scheme envisages detailed studies of the affected areas, preparation of detailed town planning schemes for such blighted areas and providing financial assistance for implementation of such schemes. The provision is for the above purpose during 1982-83.

17. *Decennial Urban Land Use Survey Coinciding with Census Operation and Urban Regional Information System*

(Outlay Rs. 1.50 lakhs)

The Town and Country Planning Organisation has requested all States to undertake decennial land use surveys of urban areas along with the census operations, 1981. The provision is meant for the same and for establishing an Urban and Regional Information System in the Department.

18. *Minimum Needs Programme*

Slum Clearance/Improvement in Municipal/City Corporation Areas—Special Component Plan

(Outlay Rs. 75 lakhs)

The slum improvement scheme aims at the eradication of slums in urban areas by improving the slums, where the poor and low income group families live in sub-standard conditions, by providing water supply, street lighting, better housing facilities, communication facilities, and the minimum standards of environmental hygiene and essential services. In a physical survey conducted by the Town Planning Department, it is revealed that there are slums in 25 urban centres in the State, where an estimated number of 12000 families live in unhealthy environment. A massive slum clearance/improvement programme covering the major slums in all municipal corporations and towns of the State is necessary. It is proposed to take up a time bound programme to eradicate slums within a period of 10 years at a total cost of Rs. 20 crores. The provision provided is for financial assistance by way of grant (50 per cent) loans (50 per cent) to urban local bodies for implementing the above programme during 1982-83.

7.9 Information and Publicity

The success of implementation of the development schemes and welfare programmes, especially schemes that envisages removal of unemployment, elimination of poverty and disparity in income, depends on the active and sincere participation of the people. People's participation in the process of development can be achieved only by creating an awareness among them about the policies and programmes through the effective operation of various mass media. The mass media should therefore be strengthened and modernised to suit the circumstances and to achieve the above goal. With this end in view, the following schemes are proposed for the year 1982-83 under the head 'Information and Publicity'.

1. *Press Tours* (Outlay Rs. 0.30 lakh)

The Scheme is intended to conduct press tours to areas of developmental and cultural importance and to get articles and photographs published in newspapers. Exchange of journalists on an inter-state basis is also envisaged. Besides, payment is to be made to Kerala State Road Transport Corporation towards charges on travels to be performed by accredited press correspondents as well as hire charges of buses on special occasions. The outlay is for continuing the above programmes during 1982-83.

2. *Press Academy* (Outlay Rs. 1.25 lakhs)

The Press Academy at Ernakulam is an autonomous body constituted for helping the development of a healthy and responsive press in the State through inservice training, research, strengthening of library exhibition and publication of books and periodicals on journalism and related matters. The Academy has started construction of a building complex with office, library, hostel for trainees and quarters for staff. The provision is for giving financial assistance to the Academy for the above activities.

3. *Strengthening of Field Publicity Organisation* (Outlay Rs. 1.25 lakhs)

The scheme is intended for strengthening the field publicity units of the Department in the Districts. The old vehicles and other field publicity equipments have to be replaced under a phased programme. A film unit is proposed for Kerala Information Centre, New Delhi with the posts of an Assistant Information Officer having proficiency in Hindi, a driver, a cinema operator and a cleaner. The provision is for the above programme during 1982-83.

4. *Exhibition* (Outlay Rs. 1 lakh)

The Plan provision is meant for publicity on development activities and achievements of the State through participation in All India Exhibitions and organisation of small scale exhibitions in rural areas in connection with publicity campaigns and other celebrations. The outlay is for the above programmes during 1982-83.

5. *Community Listening Sets* (Outlay Rs. 0.25 lakh)

The Scheme is intended for granting subsidy to panchayats for installing community listening sets at areas predominantly occupied by scheduled castes and scheduled tribes. The provision is for continuing the scheme during 1982-83.

6. *Cultural Affairs (Song and Drama)* (Outlay Rs. 3 lakhs)

The provision is for organising inter-state exchange of cultural troupes, giving state awards for professional drama and also for organising cultural programmes on special occasions. As suggested by the Government of India, the State Government has agreed to present a cultural programme and float during the Asian Games 1982 at New Delhi. The provision is for the above programme during 1982-83.

7. *Photo Publicity* (Outlay Rs. 1.25 lakhs)

The scheme is meant for purchase of cameras and other photographic materials, and also for arranging photo coverages in various districts. Vehicles also have to be provided for the regional photo units at Ernakulam and Calicut.

8. *Display Advertisement* (Outlay Rs. 1.25 lakhs)

The Scheme is intended for giving publicity by issuing display advertisement on important welfare and development activities in popular dailies and other periodicals in and outside the State. The provision is for continuing the programmes during 1982-83.

9. *Information Centres* (Outlay Rs. 0.20 lakh)

The provision made is for continuing works for starting Information Centres at Malappuram, Idukki, Kasargod, Kattappana and Wynad during 1982-83.

10. *Films* (Outlay Rs. 1.60 lakhs)

The provision is for the production of news reels and documentary films on developmental and welfare programmes of Government and on the life and contribution of renovated personalities and also for the purchase of children's films. The provision is for continuing the programme during 1982-83.

11. *Publicity Materials* (Outlay Rs. 0.75 lakh)

The scheme is meant for production of publicity materials like posters, pamphlets, wall calendars, media handbooks etc. on a massive scale and also for the publication of the Departmental Journals 'Janapadham' and 'Kerala Calling'. The provision is for continuing the programme during 1982-83.

12. *Publication of Books*

(Outlay Rs. 0.10 lakh)

The provision is for getting books written on important cultural, educational and social topics by eminent scholars and for their publication.

13. *Training of Field Publicity Officers*

(Outlay Rs. 0.10 lakh)

The scheme is intended for deputing officers of the Public Relations Department for being trained in the operation of the various media of mass communication. The provision is for continuing the programme during 1982-83.

14. *Welfare Fund for Journalists—Government Contribution*

(Outlay Rs. 2.70 lakhs)

The provision is meant for Government contribution to the Welfare Fund for journalists, for giving financial assistance to journalists/their dependents in distress.

15. *Welfare Fund for Cine Artistes*

(Outlay Rs. 1 lakh)

The provision proposed is for Government's contribution to the Welfare Fund for Cine Artistes in distress.

7.10 Labour and Labour Welfare

The various schemes proposed under Labour and Labour Welfare for the 1982-83 Annual Plan are given below:

Direction and Administration

1. *Development of the Directorate of Training:*

(Outlay Rs. 2 lakhs)

The number of institutions under the control of the Department of Industrial Training has increased substantially during recent years and more institutions are proposed to be started during the Sixth Plan period. At present there are 25 institutions with a seat strength of 8812 under the administrative control of the Department. Besides, there are 205 private Industrial Training Centres, with a seat strength of 21,650 in the State. For the effective enforcement of apprenticeship schemes, and supervision and control of those Institutions, the Department of Industrial Training has to be reorganised and strengthened with Regional Offices and supporting staff. The provision for 1982-83 is meant for the above purpose.

Working Conditions and Safety

2. *Machinery for the Enforcement of Agricultural Labourers' Minimum Wages—State Share*

(Outlay Rs. 3 lakhs)

The scheme envisages setting up of a separate wing for the enforcement of the provisions of the Minimum Wages Act, 1948 and the Kerala Agricultural Workers Act, 1974. The scheme is proposed as a centrally sponsored one. The provision is meant for State's share for setting up of a separate wing in the Department of Labour with adequate staff.

3. *Industrial Hygienic Laboratory:*

(Outlay Rs. 3 lakhs)

The provision is meant for establishing an industrial Hygienic Laboratory in order to enable the State Director of Factories and Boilers to effectively enforce the provisions of the Factories Act for the protection of the health of the workers who are likely to be exposed to air pollutants in the working environment. Foreign equipment, technical guidance service and training facilities required for the project are expected under the UNDP technical assistance scheme. The outlay proposed is towards the preliminary expenses for establishing the Laboratory recruitment of necessary staff and procurement of certain indigenous equipment and materials during 1982-83.

General Labour Welfare

4. *Labour Welfare Fund Board*

(Outlay Rs. 1.80 lakhs)

The Labour Welfare Fund Board is a statutory body constituted for promoting the welfare of the workers coming under the coverage of the Labour Welfare Fund Act, 1975. Every employee coming under the coverage of the Act has to contribute fifty

paise and every employer in respect of each such worker rupee one per half year to the Fund. Such contributions and matching contribution from Government constitute the resources of the Fund for its various welfare programmes for the benefit of the workers. The following are the welfare programmes being implemented by the Board:

- (a) Award of scholarships for higher education to the children of workers,
- (b) Payment of compassionate relief to the dependents of employees dying in harness,
- (c) Provision of vocational training to children of workers,
- (d) Holiday Home for workers at Thekkady,
- (e) Financial assistance to libraries for workers,
- (f) Opening Welfare centres for workers,
- (g) Provision of employment to dependents of workers,
- (h) Higher education facilities to workers, and Study tours and visits for workers.
- (i) The outlay provided is towards State's contribution to the Labour Welfare Fund for implementing the above labour welfare programmes.

5. *Welfare Schemes for Cashew Workers*

(Outlay Rs. 2 lakhs)

This scheme envisages financial assistance for education, medical treatment (including maternity) etc., to cashew workers or their dependants having an annual income below Rs. 3,600. The scheme also envisages an ex-gratia financial assistance of Rs. 5,000 in case of fatal accident to the employee. The scheme came into force with effect from 2-10-1981. The outlay is meant for the above purposes.

6. *Welfare Scheme for Coir Workers*

(Outlay Rs. 2 lakhs)

This scheme envisages provision of financial assistance for education, medical treatment (including maternity) etc. to coir workers or their dependants having an annual income below Rs. 3,600. The scheme also envisages an ex-gratia financial assistance of Rs. 5,000 in case of fatal accident to the employee. The scheme came into force from 2-10-1981. The outlay provided is for meeting the expenditure connected with the Scheme.

7. *The Kerala Coconut Palmyra and Aracanut Tree Climber's Welfare Scheme—Special Component Plan for Scheduled Castes*

(Outlay Rs. 4 lakhs)

The scheme introduced in 1980 (with retrospective effect from 1-4-1979) envisages payment of an ex-gratia financial assistance of Rs. 5,000 to an employee in the event of his permanent and total disablement as a result of an accident arising out of and in the course of his employment. In the case of his death as a result of the accident the ex-gratia financial assistance will be given to his dependents. The outlay is meant for the above purpose.

8. *Welfare Scheme for Handloom Workers*

(Outlay Rs. 0.70 lakh)

This scheme envisages financial assistance for education, medical treatment (including maternity) etc. to handloom workers or their dependants having an annual income below Rs. 3,600. The scheme also envisages an ex-gratia financial assistance of Rs. 5,000 in case of fatal accident to the employee. The Scheme came into force from 2-10-1981. The outlay is meant for the above purpose.

9. *Welfare Scheme for Construction Workers and Quarry Workers*

(Outlay Rs. 0.70 lakh)

The scheme envisages payment of Rs. 5000 as ex-gratia financial assistance to an employee in the event of his becoming permanently and totally disabled as a result of an accident arising out of and in the course of his employment or to the dependants of the employees in the case of fatal accident in the course of and out of his employment. This scheme, introduced in October, 1981, came into force with retrospective effect from 1-4-1981. The outlay provided is for the above scheme.

10. *Strengthening of I. T. Is.*

(Outlay Rs. 33 lakhs)

The Industrial Training Institutes in the State need substantial strengthening in order to ensure the quality of the instruction imparted in these Institutes. The I. T. Is. in general, are not equipped as per prescribed pattern. Most of the machines and equipment available are old and outmoded. Modern machinery and equipment in adequate measure are not available for instruction in modern trades like Electronics, Mechanic (Refrigeration and Air conditioning) Mechanic (Radio and Television) etc. Majority of the Industrial Training Institutes are lacking in basic amenities such as proper buildings, compound walls, playgrounds, auditoriums, libraries, hostels, staff quarters etc. It is proposed to strengthen the I. T. Is. with these facilities in a phased manner. The following programmes are proposed to be initiated during 1982-83.

- (i) Procurement of modern machinery, tools and equipment for new trades, purchase of deficient tools and equipment and replacement of machinery and equipment in the I. T. Is;
- (ii) Construction of institute buildings for the I. T. Is. including those at Areacode and Kattappana;
- (iii) Construction of hostel buildings for the I. T. Is. including those for Calicut, Areacode and Kattappana;
- (iv) Construction of staff quarters for the I.T.Is.;
- (v) Providing additional accommodation facilities to I. T. Is at Attingal, Malampuzha and Cannanore with additional staff;
- (vi) Providing proper library facilities in the I.T.Is. and related Instruction Centres; and
- (vii) Diversification of trades like Electronics, Mechanical (Refrigeration and Air Conditioning), Mechanical (Radio and Television), Stenography etc.

11. *New Industrial Training Institutes*

(Outlay Rs. 25 lakhs)

The provision is meant for continuing the new I. T. Is. already started and for starting new I. T. Is. at Wynad, Attappady and Kasargod.

12. *Model I.T.I. at Calicut*

(Outlay Rs. 1 lakh)

The Government of India have sanctioned the establishment of a Model I. T. I. at Calicut in its order No. D. G. E. T—35 (18)/81 PCT dated 2-9-1981. The Institute has a seat strength of 100 of which 50 seats were introduced in September, 1981. The Institute will be giving training on a broad based system followed by Modular system of training in the Electrical and Electronic Group of trades.

The State Government has to provide suitable accommodation at the beginning stage and about 20 acres of land free of cost for the construction of buildings. Government have taken on rent two godowns at Bepore for accommodating the Institute temporarily, for which rent has to be paid by the State. It has been decided to acquire 20 acres of land at Eravathukunnu in Govindapuram at Calicut for which land acquisition charges have also to be paid. The token provision made is for payment of rent and land acquisition charges.

13. *Regional Vocational Training Institute for Women*

(Outlay Rs. 2 lakhs)

This Institute is proposed to be set up at Trivandrum in Central Sector with S. I. D. A. aid. As per the agreement, the State Government has to provide the necessary land and building for the Institute. The other inputs will be provided by the Government of India and S.I.D.A. The outlay is for meeting the State Government's commitments for the project.

14. *C.T.I. Training and Retraining*

(Outlay Rs. 2 lakhs)

In order to keep the instructional staff abreast of the modern trends in industrial processes and techniques, they have to be given periodical training. The provision is meant for deputing the Instructors for training in the various C.T.Is.

15. *Advanced Courses—(Post I.T.I. Training)*

(Outlay Rs. 1 lakh)

This scheme envisages provision of intensive training for one or two years to selected I. T. I. certificate holders in selected trades to make them proficient enough to undertake work independently in modern trades. The provision is for introducing some modern trades in the I.T.Is. for such training.

16. (a) *Scheme for Scheduled Castes and Scheduled Tribes—Special Component Plan*

(Outlay Rs. 0.80 lakh)

This scheme aims at offering intensive training to the Scheduled Caste candidates. There is acute scarcity of skilled persons belonging to Scheduled Castes and

Scheduled Tribes especially in popular Trades. The proposed outlay is for the introduction of intensive course in the I.T.Is exclusively for Scheduled Castes.

(b) *Scheme for Scheduled Tribes*

(Outlay Rs. 0.20 lakh)

The provision is for extending the benefits of the scheme exclusively to scheduled tribes under the Tribal Sub-Plan.

17. *Scheme for Giving Training to Trainees Sponsored by the Labour Welfare Fund Board*

No outlay is suggested for this scheme for 1982-83. This is a scheme for giving training to the trainees sponsored by the Labour Welfare Fund Board. The entire amount will be reimbursed by the Labour Welfare Fund Board.

18. *Advanced Vocational Training System*

(Outlay Rs. 4.50 lakhs)

This scheme is designed to conduct training programme to meet the special requirements of a group of industrial establishments. This system is evolved in close collaboration with the industry concerned. The whole programme of integrated training will have to be developed on the specific needs of the establishment, in respect of the skill requirements of the workers to be trained. This programme is carried out under the auspices of the UNDP/ILO. It is the State Government's commitment to provide good quality of indigenous machines, necessary workshop facilities and class rooms and teaching staff to the training systems. Kalamassery has been selected as one of the centres to conduct such programmes. The A.V.T.S. at Kalamassery is now located in the I.T.I. The provision is for the above purposes and to construct an air-conditioned room for keeping sophisticated machinery and also for establishing two satellite centres under A.V.T.S at Allinged and Palghat.

19. *Apprenticeship Training Scheme*

(Outlay Rs. 4 lakhs)

In order to provide facilities for Related Instruction Classes to apprentices, eight Related Instruction Centres have been started in the State. However, difficulties are being experienced in providing basic training facilities to apprentices in the newly designated trades such as printing, catering, chemicals, tailoring, agricultural group of trades etc. as these trades are not available in the I.T. Is concerned. Further, Related Instruction Centres are not available at present in the Districts of Idukki, Malappuram, Wynad and Cannanore. It is, therefore, proposed to set up basic training centres for printing, catering, chemical and tailoring trades and also to establish four Related Instruction Centres, in a phased manner. The provision is for continuing the current programmes, for starting a basic training centre for printing trade and also for the preliminary works for the construction of a building for the R.I.C. at Kalamassery.

Development of Institutions

20. *Institute of Labour and Employment*

(Outlay Rs. 1 lakh)

The provision is towards financial assistance to the Institute for continuing its research and training programmes.

Employment Services

21. *National Employment Scheme—Establishment of Town/Taluk Employment Exchanges*

(Outlay Rs. 5.12 lakhs)

The rapid increase in the number of applicants in the Live Register of Employment Exchanges in the State is creating various administrative problems resulting in the deterioration of the quality of the services rendered by the Exchanges. The Employment Exchanges in the State are now located in urban centres ie, at the District Headquarters. For rendering better service to the rural population, decentralisation of the employment services through the opening of Employment Exchanges at Taluk levels is necessary. It is proposed to open Taluk Employment Exchanges in all the Taluks/Towns with a labour force of 10,000 or a population of 25,000 or more. The proposal is to open 52 Taluk Employment Exchanges in a phased manner. The outlay provided is for opening 4 Taluk Employment Exchanges during 1982-83 and continuing the 4 Town Employment Exchanges already started.

22. *Strengthening of Vocation Guidance Programme*

(Outlay Rs. 0.28 lakh)

The vocational Guidance Units attached to 6 Employment Exchanges in the State have been strengthened during 1978-79 to cope with the heavy demands on the Units from job seekers. It is necessary to strengthen the Vocational Guidance Units in the remaining 6 Employment Exchanges. The outlay is meant for strengthening the Vocational Guidance Units attached to the Employment Exchanges and also for continuance of the existing units.

23. *Strengthening of Employment Market Information Programme*

(Outlay Rs. 1.40 lakhs)

The Employment Market Information programme aims at getting every unemployed in the State registered in the Employment Exchanges and covering all employers under the Market Information Programme. For this, the Employment Market Information Units attached to the Employment Exchanges have to be strengthened. Units attached to 3 Employment Exchanges have been strengthened in 1978-79 and a 'peripatetic team for street surveys' has been sanctioned in 1979-80. The outlay is for strengthening the Employment Market Information Units besides continuing the existing units.

24. *Establishing of Special Cells for SC/ST and Ex-servicemen*

(Outlay Rs. 1 lakh)

A special cell for scheduled castes/scheduled tribes and ex-servicemen is now functioning at Trivandrum to render special assistance to the applicants belonging to

the scheduled castes/scheduled tribes and ex-servicemen categories. The outlay is meant for the continuance and strengthening of the special cell for SC/ST and ex-servicemen at Trivandrum and also for establishing 2 such cells more during 1982-83.

25. (a) *Establishment of Coaching-cum-Guidance Centres for SC and ST—Special Component Plan for Scheduled Castes*

(Outlay Rs. 1.50 lakhs)

The outlay is meant for giving coaching/guidance for competitive tests/interviews to selected candidates belonging to scheduled castes. The outlay is to establish and continue such training centres during 1982-83.

(b) *Establishment of Coaching-cum-Guidance Centres for Scheduled Tribes*

(Outlay Rs. 0.50 lakh)

The provision is to extend the benefits of this scheme exclusively to scheduled tribes.

26. *Overseas Development Employment Promotion Consultants Ltd.*

(Outlay Rs. 8 lakhs)

The Overseas Development and Employment Promotion Consultants Limited, is a Joint Stock Company registered in November, 1977 and fully owned by the State Government with an authorised share capital of Rs. 100 lakhs. Its paid up share capital as on 31-3-1981 is Rs. 31.29 lakhs. The objectives of the Company are to promote employment in foreign countries, back up industrial ventures abroad, raise the necessary financial resources from Indians working abroad for projects in India, promote export of traditional and non-traditional goods from the country etc.

The Company is licenced by the Central Ministry of Labour as an authorised recruiting agent and during these initial years of its existence, it has concentrated in exploring employment opportunities in foreign countries for semi-skilled, skilled, technical and educated Keralites. It has successfully met the demand for personnel from several countries in West Asian countries and North Africa and currently the Company is processing papers for recruitment of skilled and unskilled labourers in Saudi Arabia, Kuwait, Libya, Yemen, Sudan and African countries. The total number of personnel placed for overseas jobs by the company so far is about 1200. The annual earnings of these personnel in foreign exchange is around Rs. 5 crores, a major portion of which is remitted to India. However, the placement activities of the company for overseas employment is a welfare service and the Company is precluded from charging any fees from the beneficiary employees as per terms of its licence.

The service charges realised from the foreign employers are just nominal and even this will have to be dispensed with in order to make it sufficiently

attractive for the foreign employers to recruit through the Company. Therefore, the Government will have to pay service charges to the Company for its placement services. The Company has an export licence and has made a beginning last year by exporting small quantities of tea and a few live plants to U.A.E. The Company proposes to diversify its activities through.

- (i) Export of traditional and non-traditional products of Indian origin in a substantial way
- (ii) Embarking on industrial ventures in Kerala with participation from overseas Indians in the form of share capital/public deposits/convertible debentures
- (iii) Joint ventures abroad such as irrigation projects, agricultural farms, land development schemes etc. for which several enquiries have been received.
- (iv) Housing schemes in Kerala for overseas Keralites and
- (v) Welfare schemes for overseas personnel which aim at a package of services to the non-residents.

As promoters of these ventures, the Company requires margin money from Government by way of Share Capital participation. The outlay proposed is for payment of service charges to the Company for its placement services and also for providing margin money to the Company by way of share capital contribution for undertaking the above ventures during 1982-83.

27. *Working Womens Welfare Society and Hostel for Working Women*

(Outlay Rs. 7.50 lakhs)

As more and more women are getting employed and that too in places far off from their native places, very often, they are forced to accommodate themselves in places without adequate facilities. Although there are a few working women's hostels functioning in some of the district headquarters, more hostels have to be set up in all the district headquarters and important centres in the State. With this end in view, a Society has been registered under the Societies Registration Act. The provision is for the margin money to the society for attracting institutional finance for the construction of working women's Hostels at Taluk headquarters, and also for grants to voluntary agencies for the construction of Working Women's Hostels.

28. *Employment Generation Scheme*

(Outlay Rs. 2 lakhs)

The provision is for continuing the employment generation schemes such as, training in catering technology, training of family welfare promoters, training of national small saving organisers etc., in urban areas, during 1982-83. Programmes for the rural segment are merged with the scheme 'National Rural Employment Programme' under the Community Development and Panchayat sector.

7.11. Welfare of Scheduled Castes, Scheduled Tribes and Other Backward Classes

The various schemes under this sub head proposed for the 1982-83 Annual Plan are detailed below:

A. Welfare of Scheduled Castes

Education

1. Scholarships and Stipends (Pre-matric Studies)

(Outlay Rs. 13.31 lakhs)

This scheme is intended for the payment of lump-sum grants and stipends to scheduled caste students pursuing pre-matric studies, for the purchase of study materials, dress etc. The current rates of lump-sum grants vary from Rs. 20 to Rs. 80 depending on the classes of studies.

2. Boarding Grants

(Outlay Rs. 0.97 lakh)

The scheme is for the payment of boarding grant in respect of scheduled caste students residing in subsidised hostels. Nearly 110 boarders are expected to be benefited by this scheme.

3. Special Incentive to Talented Students

(Outlay Rs. 0.36 lakh)

The scheme aims at encouraging the scheduled caste students to achieve higher performance level in public examinations. At present the rate of grant varies from Rs. 100 to Rs. 150 depending on the courses of study. The benefit of this scheme is extended to those who are coming out from their post graduate studies. The amount so granted will come to Rs. 500. The number of beneficiaries is expected to be 200.

4. Cosmopolitan Hostels

(Outlay Rs. 7.44 lakhs)

The proposed outlay is for starting a new cosmopolitan hostel and for the continuance of three hostels started during the plan period. The outlay also includes the construction of two permanent buildings at Kattappana and Kasargod.

5. Welfare Hostels

(Outlay Rs. 9.68 lakhs)

The Plan outlay proposed is for starting three welfare hostels for scheduled castes and for the continuance of the 6 hostels already started. The provision also included the cost of construction of two hostel buildings.

6. Adult Education

(Outlay Rs. 0.27 lakh)

The outlay earmarked will be utilised for organising study tours/seminars etc., for the benefit of scheduled castes or for organising Adult Education Centres.

7. Girls Hostels

(Outlay Rs. 6.65 lakhs)

The outlay represents the state share of the centrally sponsored scheme. The amount will be utilised for construction of buildings for two Girls' Hostels during the year and for the continuance of the work already taken up during the Plan period.

8. Coaching and Allied Schemes

(Outlay Rs. 2.42 lakhs)

The outlay proposed is for the continuance of the third unit in the Pre-Examination Training Centre, Ernakulam, for the continuance of the Pre-Examination Training Centre started at Trivandrum and for the opening of a Pre-Examination Training Centre and to provide hostel facilities for the centres. The amount represents state share for this centrally sponsored scheme.

9. Pre-matric Scholarships to the Children of those engaged in Unclean Occupations

(Outlay Rs. 0.01 lakh)

The outlay represents the state share for this centrally sponsored scheme. Scholarships will be awarded to the children of those who are engaged in unclean occupations. A token provision is made for the scheme.

10. Book Banks

(Outlay Rs. 1 lakh)

The outlay represents the state share for this centrally sponsored scheme for the benefit of scheduled caste/scheduled tribe students studying in Medical and Engineering Colleges.

11. Starting of a Technological Institute

(Outlay Rs. 1 lakh)

This scheme is for establishing a Technological Institute for imparting employment oriented training to scheduled castes/scheduled tribes on the basis of the detailed project report prepared by the Project Officer appointed for that purpose.

Economic Uplift

1. Subsidy to Technically Trained-Hands.

(Outlay Rs. 1.20 lakhs)

The scheme is intended to assist the technically trained scheduled caste candidates in various trades to set up self employment. The scheme is expected to benefit 450 such persons.

2. Colonisation

(Outlay Rs. 29.19 lakhs)

Under this scheme, a major colony is proposed to be established during the year for settling selected Harijan families and providing basic needs like housing, sanitation etc. The outlay also included provision for

improvements of major colonies already started under this scheme and for the construction of common buildings.

3. *Financial Assistance to Professionally Qualified Persons*

(Outlay Rs. 0.12 lakh)

The outlay is meant to meet the grant portion of the assistance extended to the professionally qualified harijans to start independent professional units. The maximum amount of the assistance is Rs. 5000. Twenty-five per cent of this will be treated as grant and the remaining as loan.

4. *Production-Cum-Training Centre*

(Outlay Rs. 10 lakhs)

Under this scheme a new P.C.T.C. will be started during the year 1982-83 by converting an existing training centre. The outlay also includes provision to start a new show room for the display and sales of goods produced in the departmental training Centres. Expenditure in respect of the Production-Cum-Training Centres started during the previous two years will also be met out of the provision. The expenditure for giving refresher courses to the staff of the training centres will also be met from the proposed outlay.

5. *Dairy Development*

(Outlay Rs. 26.30 lakhs)

This scheme is intended to extend assistance to scheduled caste families to purchase milch cows and for the construction of cattle sheds. The scheme will be implemented through the Animal Husbandry Department.

6. *Financial Assistance to Harijan Families Engaged in Traditional Occupations*

(Outlay Rs. 21.46 lakhs)

The provision is for extending assistance to harijan families engaged in the various traditional occupations like mat-weaving, bamboo mat weaving, basket making, umbrella making, tailoring etc.

7. *Starting of Industrial Co-operative Societies for Trained Harijans*

(Outlay Rs. 6 lakhs)

This scheme aims at organising industrial co-operative societies for those harijans trained in departmental institutions, Industrial Training Institutions etc. Assistance will be extended towards working capital, construction of workshops and managerial expenses of these societies.

8. *Assistance to Tradesmen for Setting up of Workshops*

(Outlay Rs. 8.47 lakhs)

The scheme is to give assistance to tradesmen to set up small shops, bunks for selling groceries etc.

9. *Agricultural Scheme for Scheduled Castes*

(Outlay Rs. 6.10 lakhs)

This scheme is to help scheduled caste families having landed property to cultivate their lands by modern methods and thereby to improve their economic condition.

Health, Housing and Other Schemes

1. *Inter-Caste Marriage Grants*

(Outlay Rs. 7.26 lakhs)

This scheme is intended to give financial assistance to the inter caste married couples experiencing socio-economic hardships.

2. *Housing Grant*

(Outlay Rs. 84.70 lakhs)

The scheme is intended for the payment of grant at the rate of Rs. 4,000 (in instalments as per rules) for the construction of residential houses. Expenditure required for the spillover works will also be met from this outlay.

3. *Wells and Water Supply*

(Outlay Rs. 3.50 lakhs)

The outlay proposed is for providing drinking water facilities either by sinking wells or providing pipelines into places where there are concentrations of harijans. The scheme will be implemented through the District Welfare Officers taking into account the demands from each district.

4. *Eradication of Untouchability, Publicity and Cultural Schemes*

(Outlay Rs. 4 lakhs)

The outlay is for the continuance of publicity activities connected with the eradication of untouchability. A periodic publication will also be started for highlighting activities for uplift of scheduled castes and to fight against the evil of untouchability.

5. *Setting up of Machinery for the Protection of Civil Rights*

(Outlay Rs. 3.50 lakhs)

The outlay represents the state share of this centrally sponsored scheme. The outlay is intended for the expenditure of the Special Police squad at Palghat and implementation of programme for the protection of civil rights of the scheduled castes.

6. *Strengthening of Administrative/Executive Machinery.*

(Outlay Rs. 10 lakhs)

The scheme is intended for strengthening the administrative and executive machinery of the Department of Harijan Welfare for effective implementation of the programmes proposed in the Plan and for the continuance of the posts created during the Plan period.

7. *Balawadi-cum-Feeding Centres*

(Outlay Rs. 12 lakhs)

The proposed outlay is for the continuance of the 50 Balawadi-cum-feeding centres already started and for starting 25 new centres. The expenditure in respect of 100 centres started during previous year will also be met from this outlay.

8. *Harijan Co-operatives*
(Outlay Rs. 0.01 lakh)

This token provision is meant for meeting the initial expenditure for revitalising and organising harijan co-operatives.

9. *Planning and Statistical Cell*
(Outlay Rs. 2 lakhs)

This scheme is meant for strengthening the statistical cell in the Directorate and District level and for continuance of the posts already sanctioned.

10. *Training of Scheduled Castes*
(Outlay Rs. 3.93 lakhs)

The outlay is to give A.N.M. or health workers training to scheduled caste candidates and also to impart training programme including short term training to scheduled castes in trades in which there is dearth of qualified scheduled caste registrants in the Employment Exchanges.

11. *Assistance for Tiling and Strengthening of Harijan Houses*
(Outlay Rs. 12 lakhs)

The proposed outlay is for giving financial assistance not exceeding Rs. 2,000 per family for strengthening the roof of their existing houses and also for tiling them.

12. *Monetary Grant to Victims of Atrocities*
(Outlay Rs. 2.40 lakhs)

The outlay proposed is for giving financial assistance to those individuals/families who cannot raise funds to meet the immediate necessities arising due to atrocities. The amount of grant varies from Rs. 250 to Rs. 4000 according to the severity of the atrocities.

13. *Establishment of Burial Ground Compound Wall or Fencing*
(Outlay Rs. 3.60 lakhs)

The outlay will be utilised for new burial grounds for scheduled castes and to construct compound walls or fencing.

B. *Welfare of Scheduled Tribes*

Education

1. *Tribal Hostels*
(Outlay Rs. 12 lakhs)

The outlay proposed is for starting five new Tribal hostels and for the continuance of 18 hostels started during previous years and also for construction of buildings.

2. *Balawadies and Creches*
(Outlay Rs. 4 lakhs)

The provision is for starting 15 new balawadies in tribal concentrations with a view to provide pre-primary education and nutritious food to tribal children. The provision is also for the continuance of 27 balawadies started during the previous years.

3. *Grants to Voluntary Organisations*
(Outlay Rs. 1 lakh)

The scheme is intended to encourage voluntary organisations to start residential basic schools, balawadies, dispensaries, etc., in tribal concentrations by providing them with grants-in-aid on 50:50 basis.

4. *Providing Library Facility, Radio Sets etc., to Hostels*
(Outlay Rs. 0.15 lakh)

The scheme is for providing library books, radio sets, periodicals, reading materials and other amenities to the G.R.B. Hostels under the Tribal Welfare Department. The outlay proposed is for providing these facilities to 10 G.R.B. Hostels.

5. *Special Coaching to Students*
(Outlay Rs. 0.50 lakh)

The scheme is intended for appointing separate part-time tutors in different subjects by giving honorarium at Rs. 100 p.m. to them. The outlay provided is for continuing this system in the 19 welfare hostels.

6. *Training in Popular Trades*
(Outlay Rs. 0.30 lakh)

The scheme envisages imparting training to educated tribal youths in motor driving.

7. *Grants/Stipends to Students Studying in Tutorials*
(Outlay Rs. 3 lakhs)

The scheme is intended for admitting S.S.L.C. failed tribal students in reputed tutorial institutions. Stipends at the rate of Rs. 150 p.m. for 4 months, lumpsum grants of Rs. 100 for purchase of books, dress, etc., will be paid and tuition fee, subject to a maximum of Rs. 180 to be reimbursed to the management of tutorial institutions in respect of each student. The outlay proposed is to benefit 341 students during 1982-83.

8. *Benefit Oriented Camps*
(Outlay Rs. 0.36 lakh)

The scheme is intended for organising medical camps and campaigns in most backward tribal settlements for their treatment and to make them aware of their status and role and rights and privileges in the society. The outlay proposed is for organising 8 such camps.

9. *Girls Hostels (State Share)*
(Outlay Rs. 3 lakhs)

This is a centrally sponsored scheme having 50 per cent central assistance. The amount proposed represents the state share of the scheme. It is proposed to construct 2 Girls' hostels during 1982-83.

10. *Research Training and Special Project.*

(Outlay Rs. 10 lakhs)

The provision represents the outlay for the above centrally sponsored scheme. The scheme is intended for the continuance of the Kerala Institute for Research Training and Development Studies of Scheduled Castes and Scheduled Tribes.

11. *Mini Theatres (Cultural Centres)*

(Outlay Rs. 0.10 lakh)

The scheme is for constructing Mini Theatres (Cultural Centres) in areas of tribal concentration. These theatres will not only be used for showing documentaries and films of educational value but will also be used for congregational purposes such as marriages, organising folk arts, festivals, dramas etc. The outlay proposed is for the completion of spillover works of the Mini-Theatre at Chettiyampara.

*Economic Uplift*1. *Colonisation*

(Outlay Rs. 2 lakhs)

The scheme is intended for establishing colonies for rehabilitating tribal families in Vested Forests or other lands set apart for this purpose. The tribal families selected will be provided with houses, assistance for land development, agricultural operations etc. Other infrastructure facilities also will be provided with the co-operation of other Development Departments. The outlay proposed is for establishing one colony during 1982-83 and for the completion of spillover works of the colonies started during 1979-80 and 1981-82.

2. *Hamlet Development*

(Outlay Rs. 25 lakhs)

The scheme is intended to develop some of the tribal hamlets. The scheme envisages road development, land development, housing, water supply, electrification etc. The outlay proposed is for providing houses, drinking water wells, assistance for land reclamation, cultivation, poultry, goat rearing etc., for the development of 10 new hamlets and for completing the spillover works of 7 old hamlets.

3. *Agriculture and Allied Sectors including Grants for the Purchase of Agricultural Implements*

(Outlay Rs. 1.50 lakhs)

The scheme is intended for payment of grant for the development of land in possession of tribal people and for setting up subsidiary occupations such as dairy farming, goat rearing etc., by them. Land development, minor irrigation, heifer distribution and supply of pumpsets are some of the programmes proposed under this scheme. The outlay proposed is to assist 34 families during 1982-83.

4. *Production-Cum-Training Centres*

(Outlay Rs. 5 lakhs)

The scheme is intended for starting tailoring centres in tribal areas and for conversion of training centres

into production-cum-training centres to provide employment opportunities to the ex-trainees. The outlay proposed is for starting two new tailoring centres and for the continuance of three tailoring centres already started.

5. *Employment of Tribals in Industry.*

(Outlay Rs. 0.50 lakh)

The scheme is intended for imparting training to tribal youth in tractor and power tiller operations, repair of pumpsets etc. in the Agro Industries Corporation and for imparting training under Government of India Extension Centre for steel utensils at Attingal and also for apprenticeship in factories. The outlay proposed is to benefit 50 trainees during 1982-83.

6. *Andyodaya Programmes*

(Outlay Rs. 2 lakhs)

The scheme is intended to provide the following facilities to extremely poor tribal families.

	Rs.
(i) 5 Goats and 1 Buck	1,500
(ii) Goat Shed	200
(iii) 10 Poultry birds	150
(iv) Poultry houses	50
(v) Feeding Charges	100
Total	2,000

The outlay proposed is to benefit 100 families during 1982-83.

7. *Financial Assistance to Small Entrepreneurs*

(Outlay Rs. 0.20 lakh)

The scheme is intended for giving financial assistance to tribals who can set up petty shops in tribal areas. Grants up to a maximum of Rs. 2,000 is proposed to be given for this purpose.

8. *Rehabilitation of Bonded Labour (State Share)*

(Outlay Rs. 8 lakhs)

The amount represents the state share of the above Centrally sponsored scheme under which it is proposed to continue the Colonisation Scheme for Bonded Labourers at Vattachira and for taking up new rehabilitation schemes for the freed bonded labourers during 1982-83.

*Health, Housing and Others*1. *Housing*

(Outlay Rs. 25 lakhs)

The scheme is intended for giving grants to eligible families for the construction of houses at the rate of Rs. 4,000. The grant will be enhanced to Rs. 4,800 in respect of houses to be constructed in difficult and

inaccessible areas. The outlay proposed is for the construction of 100 houses during 1982-83 and for the completion of spillover works of previous years.

2. *Repair of Existing Houses and Wells of Tribes*

(Outlay Rs. 3 lakhs)

Some of the houses constructed for Tribal people by the Harijan Welfare Department under various schemes several years ago have been badly damaged. The scheme is intended for repair and maintenance of such houses. The scheme is also intended for constructing concrete rings around the drinking water wells to prevent pollution of water.

3. *Engineering Wing*

(Outlay Rs. 0.25 lakh)

In order to avoid delay in the preparation of estimates and for the execution of works under the Tribal Welfare Department, it is proposed to start a separate Engineering Wing in the Tribal Welfare Department by posting one Assistant Engineer and an overseer on deputation from P.W.D. The outlay proposed is for meeting the expenditure towards the pay and allowances of these personnel.

4. *Planning and Statistical Cell*

(Outlay Rs. 1 lakh)

The scheme is intended to set up a statistical wing in the Tribal Welfare Department. The outlay proposed is for appointing technical staff at Head-Quarters and Tribal Development Offices from the Directorate of Economics and Statistics.

5. *Construction of Residential Quarters*

(Outlay Rs. 5 lakhs)

At present no residential quarters are provided to the employees of the Tribal Welfare Department Offices and institutions under this Department are located in rented buildings in inaccessible areas. Residential accommodation is the main problem of the employees posted to these offices and institutions. An outlay of Rs. 5 lakhs is therefore provided for the construction of residential quarters.

6. *Administration*

(Outlay Rs. 14.50 lakhs)

Government have ordered complete separation of the Tribal Welfare Department from the Harijan

Welfare Department during 1979 and sanctioned the creation of certain new posts for proper and purposeful functioning of the Tribal Welfare Department. Some new posts are also proposed to be created during 1982-83. The outlay proposed is for meeting the pay and allowances of the staff in the newly created posts and those likely to be created during 1982-83 and for the replacement of the old jeep in the Tribal Development Office, Punalur.

C. *Welfare of Other Backward Classes*

1. *Educational Concessions*

(Outlay Rs. 5.45 lakhs)

This scheme is intended to give educational concessions to O. B. C. students pursuing pre-matric studies. It is expected that 8,500 students will be benefited by the scheme.

2. *Boarding Grants*

(Outlay Rs. 0.60 lakh)

The scheme is for the payment of grants in respect of O. B. C. students residing in private subsidised hostels.

3. *Development Corporation for Christian Converts from Scheduled Caste and Other Recommended Communities*

(Outlay Rs. 20 lakhs)

This scheme is to extend assistance to the Corporation by way of share contribution, grants and loans. An amount of Rs. 20 lakhs is provided for the scheme in the Annual Plan 1982-83.

D. *Others*

1. *Assistance to Kerala Development Corporation for Scheduled Castes and Scheduled Tribes*

(Outlay Rs. 66.55 lakhs)

This scheme is intended to assist the Corporation by way of share capital contribution.

2. *Commission to Enquire into the Socio-Economic Conditions of Scheduled Castes/Scheduled Tribes*

(Outlay Rs. 1.21 lakhs)

The provision is to meet the expenditure of the Commission for its continuance.

7.12 Social Welfare

Social Welfare programmes cover the weaker sections of the society especially the socially and physically handicapped. The improvement of facilities for education, training and rehabilitation of orphans, destitutes and physically handicapped children and various child welfare activities are included under these programmes. The schemes drawn up for this head of development in 1982-83 are given below:—

I. Direction and Administration

1. Strengthening of Administration

(Outlay Rs. 3 lakhs)

In order to decentralise Social Welfare Administration in the State, District Social Welfare Offices with nucleus staff were formed in 1979-80. The staff strength sanctioned in these offices is quite inadequate to cope with the heavy pressure of work. Further these offices will have to be provided with amenities such as telephones, vehicles etc. The provision is for continuing the District Social Welfare Offices already formed and to meet the expenditure towards additional staff created in the Directorate of Social Welfare.

2. Inspection Wing and Statistical Unit

(Outlay Rs. 1 lakh)

The provision is for continuing the inspection wing and statistical unit in the office of the Inspector General of Prisons and for strengthening them for streamlining the administrative set up.

II. Education and Welfare of the Physically Handicapped

3. Strengthening/Opening of Special Schools for Handicapped

(Outlay Rs. 2 lakhs)

The provision is for strengthening/opening special schools with adequate facilities and staff and to provide basic education facilities to the orthopaedically handicapped at the pre-school level and for imparting training to the special teachers during 1982-83.

4. School for the Mentally Retarded

(Outlay Rs. 2.75 lakhs)

The provision is for starting a school for the mentally retarded during 1982-83.

5. Pre-matric Scholarship to the Physically Handicapped

(Outlay Rs. 9.90 lakhs)

The scheme for pre-matric scholarship to the handicapped envisages payment of educational concessions to handicapped children studying in Standard I to VII. The provision is for payment of scholarship to physically handicapped students.

6. Assistance to Mentally Retarded Children in Private Institutions

(Outlay Rs. 0.25 lakh)

There are a few institutions for the mentally retarded children in private sector. These institutions collect fees for admission of children. The scheme envisages payment of financial assistance to mentally retarded children from poor families admitted to such institutions. The provision is for continuing this scheme in 1982-83.

7. Production Centres for the Disabled

(Outlay Rs. 0.10 lakh)

This is a scheme for the rehabilitation of the physically handicapped. The scheme envisages payment of financial assistance to voluntary organisations for running/starting production units/workshops where physically handicapped persons could be given employment. Non-recurring assistance upto Rs. 10,000 will be paid to voluntary organisations for the purchase of equipment, machinery, tools etc, for the purpose. The provision is for continuing the scheme.

8. Self Employment Programme for the Disabled

(Outlay Rs. 2 lakhs)

The scheme envisages payment of financial assistance by way of grants (not exceeding Rs. 500) to disabled persons for starting small trade or business suited to their residual capacities. The provision is for continuing the scheme in 1982-83.

9. Placement of the Handicapped

(Matching State Sector Contribution)

(Outlay Rs. 1.50 lakhs)

This is a Centrally Sponsored Scheme with 50 per cent central assistance. The scheme is for the implementation of the programmes for the placement of the handicapped persons. The outlay is meant for the State's share of the scheme.

10. Handicapped Persons' Welfare Corporation

(Outlay Rs. 7 lakhs)

The Kerala Handicapped Persons' Welfare Corporation was formed in 1979-80. This Corporation has drawn the following projects capable of providing continuing employment to about 2482 handicapped persons:—

- (i) Department Store and Mobile Mini Sales Van,
- (ii) Artificial Limb Fitting Centres,
- (iii) Training-cum-production centres,
- (iv) Multi-purpose Workshop for Deaf and Dumb,
- (v) One thousand Sales Cabins Scheme and
- (vi) Power Operated Bakery Units.

The outlay is towards share capital contribution to the Corporation for taking up the above programmes and also for continuing the on-going schemes.

11. *Assistance for Orthotic and Prosthetic Aids*

(Outlay Rs. 0.10 lakh)

This Scheme envisages financial assistance to deserving handicapped persons for the purchase of aids like wheelchair, calipers, hearing aids, braille equipment etc. The provision is for continuing the scheme during 1982-83.

12. *Home for the Handicapped (Aged)*

(Outlay Rs. 1 lakh)

The provision is for continuing the two Government-run-homes for the care and protection of severely handicapped persons and to start one home for the aged disabled (the blind, the deaf, and the orthopaedically handicapped).

13. *Home for Mentally Deficient Children*

No outlay is earmarked under this item during 1982-83.

14. *Programmes Initiated During the International Year of the Disabled (1981)*

(a) *Co-operatives for the Disabled*

(Outlay Rs. 1 lakh)

This is a scheme for extending adequate encouragement to the physically disabled to form industrial co-operatives of their own. The amount provided is for share capital participation.

(b) *Incentives to Private Employers for Employing the Handicapped*

No provision is earmarked under this in 1982-83.

(c) *State Awards for Outstanding Employers of the Physically Handicapped and Physically Handicapped Employees*

(Outlay Rs. 0.10 lakh)

One award each will be given to the employees of physically handicapped persons and two awards each to the blind, deaf or orthopaedically handicapped employees. The amount provided is for giving the awards.

(d) *Care Home for the Disabled Children*

(Outlay Rs. 1 lakh)

Considering the importance of International Year of the Disabled Persons Government sanctioned the starting of two care homes for disabled children during the year 1981-82. The amount provided is for the continuance of the homes during the year 1982-83.

(e) *Rehabilitation of Mentally Retarded Patients*

No plan outlay is earmarked for this scheme in 1982-83.

(f) *Institute for Research, Education, Training and Rehabilitation of Mentally Retarded*

(Outlay Rs. 6.95 lakhs)

A High Level Committee has submitted a report for the establishment of an Institute for Mentally Retarded in Kerala. The capital and recurring cost for the Institute is Rs. 73.06 lakhs and Rs. 23.20 lakhs respectively. The provision made for 1982-83 is intended for meeting the initial expenditure for the Institute.

III. *Family and Child Welfare*

A. *Child Welfare*

15. *Creche-cum-Day Care Centre in the Unorganised Sector*

(Outlay Rs. 5 lakhs)

The ongoing schemes 'Day Care-Centres and Creches in the Unorganised Sector' are clubbed and re-oriented as 'Creche-cum-Day Care Centre'. In the unorganised sectors like agriculture, coir industry, fishing etc., day care and creche facilities are not available. The present scheme envisages payment of financial assistance to voluntary organisations for running day care and creches for the benefit of the children of women workers belonging to these categories and also for running the day care centres by Government. The provision is for continuing the programme during 1982-83.

16. *Grant-in-aid to Voluntary Organisations for Pre-School Education*

This Scheme has been dropped as per Government orders.

17. (a) *Integrated Child Development Services*

(Outlay Rs. 20 lakhs)

The State Sector, I. C. D. S. Project is a continuing scheme. Seven I. C. D. S. Projects are now functioning under the Plan in the State Sector. The I. C. D. S. provide a package of services to children and women. The outlay is for continuing the service during 1982-83.

(b) *Integrated Child Development Services—Special Component Plan for Scheduled Castes*

(Outlay Rs. 4 lakhs)

The provision is for extending the benefits of the scheme exclusively to Scheduled Castes during 1982-83.

(c) *Integrated Child Development Services—For Scheduled Tribes*

(Outlay Rs. 1 lakh)

The provision is for extending the benefits of the scheme exclusively to scheduled tribes during 1982-83 as part of the Tribal Sub Plan.

18. *Construction of Anganwadies*

(Outlay Rs. 0.30 lakh)

The Anganwadi is the focal point for the delivery of the package of services under the I. C. D. S. It is proposed to construct small buildings for a few model Anganwadies availing of Government of India assistance and contribution from the community. The provision is for providing State Government's share for the construction of Anganwadi buildings during 1982-83.

19. *Composite Programme for Women and Pre-School Children*

(Outlay Rs. 6 lakhs)

The CPWP is an integrated programme of pre-school education combined with nutrition and health services implemented through the Community Development Blocks. Under this programme 2161 balawadies are being operated at present. These balawadies are run by the local Mahila Samajams. The Balawadi teachers were given a monthly allowance of Rs. 50 till the year 1980-81 which has been enhanced to Rs. 100 from 1981-82 onwards. The provision is for giving grants to Mahila Samajams towards honoraria to Balawadi teachers during 1982-83.

IV. *Women's Welfare*20. *Training to Women in Distress for Rehabilitation*

This scheme has been dropped as per Government orders.

21. (a) *Grant to Women for Self Employment*

(Outlay Rs. 0.70 lakh)

The scheme is meant for giving financial assistance by way of grants to poor destitute women to start small trade or business. The provision is for continuing the scheme during 1982-83.

(b) *Grant to Women for Self Employment*

(Outlay Rs. 0.30 lakh)

The provision is for extending the benefits of the scheme exclusively to Scheduled Castes during 1982-83.

22. *Grant to Women's Organisations for Socio-Economic Programmes*

(Outlay Rs. 2.20 lakhs)

There is a scheme for the payment of non-recurring grant-in-aid to voluntary organisations of women for undertaking viable projects which could give employment to women. The assistance is given on the basis of matching contribution by the organisation concerned. The maximum assistance payable to an organisation is Rs. 10,000. The provision is for continuing the scheme during 1982-83.

V. *Welfare of Poor Destitutes*23. *Industrial Units in Abalamandirs*

(Outlay Rs. 0.40 lakh)

This scheme envisages rehabilitation of able bodied inmates of Abalamandirs, Rescue Homes etc.,

by starting small scale industrial units etc. Small work units like tailoring and garment making have been introduced successfully. Sixteen such industrial units have been started during 1980-81. The provision is for continuing the programme during 1982-83.

24. *Shelter for Waifs and Strays*

(No provision is set apart for this scheme in 1982-83)

25. *Grant-in-aid to Orphanages (Matching Contribution)—States' Share*

(Outlay Rs. 5 lakhs)

This is a centrally sponsored scheme with 50 per cent central assistance for giving grant-in-aid to orphanages run by voluntary organisations. The provision is towards States' share for continuing the scheme during 1982-83.

26. *Building to Social Welfare Institutions*

(Outlay Rs. 1 lakh)

The social welfare institutions like the Abalamandirs, Rescue Homes etc., are at present housed in rented buildings. These buildings are not secure enough to maintain the inmates. It is necessary to provide suitable buildings to these institutions on a phased programme. The outlay provided is for the construction of buildings for social welfare institutions during 1982-83.

V. *Correctional Homes*27. *Borstal Schools*

(Outlay Rs. 0.25 lakh)

A borstal school exclusively for girls in the premises of Government Children's Home and a Special School at Calicut were sanctioned, by Government. The work on modification to the existing building in the Government Children's Home and Special School, Calicut is completed. Government has also accorded sanction for the creation of necessary staff for the functioning of the School. The provision is for continuing the borstal school at Calicut and for starting another school at Ernakulam during 1982-83.

28. *Industrial Units in Balamandirs/Children's Homes and Special Schools*

(Outlay Rs. 0.55 lakh)

The industrial units started in the various Government Children's Homes and Special Schools are to be continued during the Plan period. A number of inmates of Government Children's Home and Special Schools are being given vocational training in different trades to accelerate the process of their rehabilitation when they are let out of the Institution. Following are the trades offered in these homes:--

- (i) Kora grass mat weaving
- (ii) Dress making-cum-embroidery
- (iii) Handloom weaving

- (iv) Candle making and
- (v) Carpentry

The provision is for continuing the existing vocational training units and also for the purchase of machinery and accessories required for the printing and binding unit for the Government Children's Home and Special School, Calicut sanctioned early in 1977.

29. Implementation of Children's Act

(Outlay Rs. 1.10 lakhs)

According to the provisions of the Children's Act and Rules, Government has the obligation to maintain as many Children's Homes and Special Schools as necessary for providing facilities for boarding lodging and training the children coming under the provisions of the Act and also to maintain observation homes for children standing trial in Children's Courts. The Inspector General of Prisons is the Chief Inspector of these Institutions. In February 1980 a working group discussed the scheme "Implementation of Children's Act", Government have accorded sanction for Constituting Children's Courts at various places of State. Subsequently, Children's Courts have been constituted in eleven Districts of the State for the successful implementation of Children's Act. The Plan provision is for continuing the above schemes and also for continuing the Special units sanctioned in the headquarters.

30. Vocational Training to Prisoners for Rehabilitation

(Outlay Rs. 0.75 lakh)

The prisoners are to be given vocational training while in prison for their rehabilitation. The facilities provided by the various training units in the prisons at present are quite inadequate. Therefore it is proposed to modernise the existing training units in three major prisons in the State and also to start new training units in the District Jail, Calicut and in the Central Prisons at Trivandrum, Cannanore and Viyyur. The following are the units for which the provision is proposed to be utilised.

- (i) Aluminium Vessels Manufacturing Unit at Central Prison, Trivandrum

At present the aluminium vessels required by various prisons for the use of the prisoners are being purchased from the local market on quotation basis. If the unit for the manufacture of these items can be started in the prison itself, besides giving vocational training to a set of prisoners, it will bring in revenue to Government and also reduce the expenditure on this item. Further expansion of this unit will make possible to meet the requirements of other Departments to some extent.

- (ii) Carpentry Unit at Central Prison, Trivandrum

It is proposed to purchase some wood working machines and tools for the existing carpentry unit in the Central Prison, Trivandrum so as to increase the output of Carpentry items.

- (iii) Carpentry Unit at Central Prison, Viyyur

It is proposed to start a small Carpentry unit in this prison. A few power operated machines and tools have to be purchased for imparting training to the prisoners.

- (iv) Hosiery Unit in the Central Prison, Cannanore

It is proposed to start a hosiery unit in the Central Prison, Cannanore. The intention is to manufacture banians of various sizes.

- (v) Handloom Weaving Unit in the District Jail, Calicut

It is proposed to start a handloom weaving unit in the District Jail, Calicut. Six handlooms and the required accessories will be purchased for the unit.

31. Welfare Officers in Prisons

(Outlay Rs. 0.90 lakh)

As per the recommendations of the Central Advisory Board on correctional services welfare officers have to be appointed in the prisons at the rate of one for every 200 prisoners to look after their problems both domestic and in prison. The provision is for continuing the existing posts during 1982-83.

- (vi) Probation and After Care Services

32. Strengthening of Probation Services

(Outlay Rs. 0.80 lakh)

Probation services are provided under the provision of the Probation of Offenders Act. The Outlay provided is for continuing the existing services during 1982-83.

33. Assistance to After Care Programmes

(Outlay Rs. 0.10 lakh)

The scheme envisages provision of financial assistance to ex-convicts and probationers who have served at least two-thirds portion of their supervision period with good records. The assistance is given for their rehabilitation in some small trade or business. The outlay provided is for continuing the programme during 1982-83.

7.13 Nutrition

The following are the nutrition schemes included for implementation in the 1982-83 Annual Plan.

- (i) *Nutrition Bureau*
(Outlay Rs. 0.50 lakh)

The provision is for meeting the expenditure required for continuing the Nutrition Bureau.

- (ii) *Office Building for the Nutrition Division of the Health Services Department*

(Outlay Rs. 0.20 lakh)

It is proposed to construct a separate building with modern facilities to accommodate nutrition laboratory, nutrition museum, nutrition kitchen, class room, library, audio-visual room, office, storage, garage etc., of the Nutrition Division of the Health Services Department. The token provision made is for the preliminary items of the work.

2. Programmes for Pre-School Children

- (i) (a) *Special Nutrition Programme*

(Outlay Rs. 60 lakhs)

Under this programme malnourished pre-school children and nursing and expectant mothers are given supplementary nutrition containing 5 to 6 grams of proteins and 250 to 300 calories per day. This type of supplementary nutrition is given for 300 days in a year in selected centres to selected beneficiaries. The nutrition component of I.C.D.S. programme is also met from the outlay for special nutrition. It is proposed to continue the programme with larger coverage during 1982-83. The outlay provided is for the above programme.

- (b) *Special Nutrition Programme—Special Component Plan for Scheduled Castes*

(Outlay Rs. 53 lakhs)

The provision is for extending the benefits of the programmes to the target group belonging to the scheduled castes.

- (c) *Special Nutrition Programme—Tribal Sub Plan Area*

(Outlay Rs. 18 lakhs)

The provision is for the implementation of the Special Nutrition Programme for the benefit of the pre-school children and nursing and expectant mothers of the Tribal Sub Plan area.

- (ii) (a) *Health Based Nutrition Programme*

(Outlay Rs. 8 lakhs)

Empirical studies carried out by the ICMR reveal that 72 per cent of the pre-school children in the State are malnourished. Malnutrition in children leads to high mortality and morbidity and poses a major public health problem to be tackled with a sense of urgency.

In this task the Nutrition Division of the State Department of Health Services has a major role to play. The activities of the health based nutrition programme for pre-school children and nursing and expectant mothers consist of supervision and evaluation of the nutrition programmes in the State, nutrition education, study of nutritional status of various segments of the population, immunisation and health check-up and implementation of the CARE feeding component of the health based nutrition programme.

To cope with the heavy demand for the health inputs by various nutrition programmes in operation in the State, it is necessary to strengthen the Nutrition Division of the Department of Health Services. The expansion programmes include strengthening of the Nutrition Laboratory and Nutrition Kitchen, organising a Nutrition Museum and creation of 11 posts of Nutritionist in the districts. The outlay is for the above programmes besides continuing the current programmes.

- (b) *Health Based Nutrition Programme—Special Component Plan for Scheduled Castes.*

(Outlay Rs. 0.50 lakh)

The provision is for extending the benefits of the programme to members of scheduled castes.

- (c) *Health Based Nutrition Programme—Tribal Sub Plan for Scheduled Tribes*

(Outlay Rs. 2 lakhs)

It is proposed to conduct cooking demonstrations in tribal settlements to change the age old cooking habits of the tribal people. The provision is for extending the benefits of the health based nutrition programme to the benefit of the target groups belonging to scheduled tribes and also for the purchase of a mobile nutrition kitchen for cooking demonstrations in tribal settlements.

- (iii) (a) *Applied Nutrition Programme*

(Outlay Rs. 66 lakhs)

The Applied Nutrition Programme aims at improving the nutrition status of the malnourished segments of the population through nutrition education and thereby creating favourable conditions for the production of nutrition-rich food stuffs, their scientific preservation and use. In addition to these a supplementary demonstration feeding programme is conducted throughout the A.N.P. and non A.N.P. Blocks in selected centres for the benefit of selected undernourished pre-school children and nursing and expectant mothers. In the feeding centres in ANP Blocks, in addition to cooked CARE food, fruits, vegetables and eggs received from the production component of the Applied Nutrition Programme are also served to the beneficiaries. The outlay provided is for continuing the existing programmes under ANP and also to cover 5 more Blocks under ANP during 1982-83.

(b) *Applied Nutrition Programme—Special Component Plan for Harijans*

(Outlay Rs. 20 lakhs)

The outlay provided is for extending the benefit of the programme to the target groups belonging to scheduled castes.

(c) *Applied Nutrition Programmes—Special Component Plan for Scheduled Tribes*

(Outlay Rs. 2 lakhs)

The provision is for extending the benefits of the scheme to the target group belonging to Scheduled tribes.

(iv) (a) *Special Feeding Programme—One Meal a day Programme*

(Outlay Rs. 80 lakhs)

Government decided during the International Year of Child, 1979 that every undernourished pre-school child in the State should be covered by the supplementary nutrition programmes. As part of this decision, the 'one meal a day' programme was introduced in 1979-80. Supplementary feeding under the scheme is undertaken for 25 days a month through 5000 feeding centres. Feeding materials for 12 to 13 days are supplied by the CARE and for the remaining days of the month, pulses and rice supplied are charged under the Plan provision for this programme. The outlay provided is for continuing the programme during 1982-83.

(b) *Special Feeding Programme—One Meal a Day Programme—Special Component Plan for Scheduled Castes*

(Outlay Rs. 68 lakhs)

The outlay provided is for extending the benefits of the programme to the target group belonging to scheduled castes.

(c) *Special Feeding Programme—One Meal a Day Programme—Tribal Sub Plan for Scheduled Tribes*

(Outlay Rs. 10 lakhs)

The provision is for extending the benefits of the programme to the target group belonging to scheduled tribes.

3. *Programme for School Children*(i) (a) *School Mid-day Meals Programmes*

(Outlay Rs. 10.80 lakhs)

The scheme is intended for giving mid-day meal free of cost to all poor and needy children studying in all the L. P. Schools and L. P. Section of U. P. and High Schools (Standard I to IV) in the State with food material supplied by the CARE. The outlay provided is for continuing the programme during 1982-83. A new scheme for the supply of rice gruel with a side dish of tapioca pulses to the vulnerable sections of school children especially in areas where there is large scale concentration of scheduled tribe children has been introduced from January 1980. Tribal children studying in 40 selected primary schools in the three educational sub-districts of Manantoddy, Sultans Battery and Vythiri have been brought under the scheme. The outlay is for continuing the programmes.

(b) *School Mid Day Meals Programme—Special Component Plan for Scheduled Castes*

(Outlay Rs. 8 lakhs)

The provision is for extending the benefits of the programme to school going children belonging to scheduled castes.

(c) *School Mid Day Meal Programmes—Tribal Sub Plan for Scheduled Tribes*

(Outlay Rs. 1 lakh)

A special scheme for the supply of rice gruel with a side dish of tapioca/pulses to tribal children studying in 40 selected primary schools in the educational sub-districts of Mananthody, Sultans Battery and Vythiri has been introduced in 1980. The outlay is meant for the above scheme and also for extending the benefits of the general school mid day meals programmes to the tribal children.

8. ECONOMIC SERVICES

8. ECONOMIC SERVICES

8.1 General Economic Services

I. Planning Board:

- (i) *Strengthening of State Planning Machinery and District Planning Units*

(Outlay Rs. 25 lakhs)

Formulation of long term, medium term and annual development plans, conduct of various studies to assess the resources of the State, appraisal of the progress of the State's economy etc., are the main functions of the State Planning Board. As a part of the decentralisation of the planning process, comprehensive district development plans are proposed to be formulated. District Planning Offices have been set up in all the 12 districts of the State for this purpose. At present the Board has ten Divisions. A few of these Divisions need further strengthening. The Economics Division attends to the work of co-ordination of the work of preparation of five year plans and special component plan, annual plans, as well as the Annual Economic Review, besides undertaking macro level studies. It is necessary to organise a small unit under this Division exclusively for the purpose of preparation of Special Component Plan for Scheduled Castes. This Division has therefore to be suitably strengthened. The Data Bank Division functions as a service division, which collects and compiles data from different sources and make the same available to the other Divisions as and when required. This Division is not adequately staffed at present and therefore has to be strengthened. Similarly, the District Planning Units have to be substantially strengthened in order to enable the formulation of comprehensive and realistic district plans.

The State Planning Board is at present functioning in three rented buildings and this causes considerable inconvenience in the day-to-day working. It is therefore proposed to construct a building for the State Planning Board.

- (ii) *Electronic Data Processing Unit in the State Planning Board*

(Outlay Rs. 5 lakhs)

The data Bank functioning in the State Planning Board has no facility for storing time series data. Installation of a Computer will enable the Data Bank to store the relevant details relating important Plan Schemes and to continuously watch the progress of implementation of schemes. The computer facility can be made use of by the State Planning Board, the Central Planning and Monitoring Unit and Directorate of Economics and Statistics.

- (iii) *Preparation of Area Plans and Conduct of Surveys and Studies*

(Outlay Rs. 3 lakhs)

In order to collect basic data for the formulation of development plans, it is proposed to undertake selected surveys and studies during the year. The following surveys and studies are proposed to be conducted in 1982-83.

- (a) Survey on Basic Amenities in Rural Areas.
(b) Study on Investments in the State's Economy.
(c) Study on Estimation of Co-efficient of Labour in Major Projects in the State.

The proposed Plan outlay is for implementing the above programme.

- (iv) *Plan Publicity*

(Outlay Rs. 2 lakhs)

Besides issuing publicity materials and participating in exhibitions and seminars, the Publicity Unit of the State Planning Board proposes to organise film shows to propagate ideas regarding scientific planning and plan implementation. The Unit will have to be equipped with a cine projector and few model films on developmental activities. The unit will also have to be strengthened with suitable staff for this purpose.

- (v) *Purchase of vehicles for District Planning Offices*

(Outlay Rs. 9 lakhs)

The Officers of the District Planning Units have to perform tours within their respective Districts for on-the-spot studies and conduct of discussions with Block and Panchayat level functionaries. For the efficient functioning of District Planning Units they will be provided with vehicles. The proposed outlay is for this purpose.

2. Monitoring and Evaluation

- (i) *Strengthening the Evaluation Division*

(Outlay Rs. 1 lakh)

The Evaluation Division of the Board proposes to conduct evaluation studies on selected major irrigation projects, minor irrigation works, programmes for scheduled castes and scheduled tribes, major agricultural development projects, dairy and poultry development projects, village and small industries and on the working of selected public sector enterprises.

The outlay of Rs. 1 lakh proposed is for strengthening the Evaluation Division to cope with additional workload in taking up the above studies.

A separate unit to monitor the schemes coming under the Special Component Plan and Tribal Sub Plan under this Division is also suggested. The required outlay for setting up and continuing this Unit can be obtained from the Special Central Assistance allotted for implementation of the Special Component Plan.

- (ii) *Strengthening the Monitoring Unit*

(Outlay Rs. 1 lakh)

The Central Planning and Monitoring Unit attached to the Department of Planning and Economic Affairs is engaged in the work relating to the monitoring

of Plan Schemes. This involves watching the progress of schemes against the time and resource schedule during the implementation stage. The proposed outlay of Rs. 1 lakh is for the continuance of the existing unit and for appointing additional staff.

(iii) *Manpower Planning Unit*

(Outlay Rs. 0.50 lakh)

The Manpower Planning Units working in the various Development Departments conduct studies relating to the supply of and demand for various categories of manpower in the State.

The proposed outlay is for strengthening the manpower units in the Directorate of Economics and Statistics and in other major departments.

3. *Secretariat*

(i) *District Development Councils*

(Outlay Rs. 2 lakhs)

The proposed outlay is for meeting the expenditure towards travelling allowance of the members of the District Development Councils.

(ii) *Publication of District Plans*

(Outlay Rs. 0.20 lakh)

Annual District Plans prepared on the basis of annual plan budgets are published every year in all the districts. The proposed outlay is for the publication of District Plan documents.

(iii) *Implementation of Malayalam as Official Language*

(Outlay Rs. 2 lakhs)

In view of the State Government's decision to switch over to Malayalam as official language by 1982, more Malayalam typewriters will have to be provided in the various Departments. The outlay proposed is for the purchase of Malayalam typewriters, conduct of seminars and discussions, preparation of glossery etc.

(iv) *Project Cell in the Secretariat*

(Outlay Rs. 1 lakh)

The outlay proposed is for setting up a project cell in the Secretariat for scrutiny and appraisal of important projects.

4. *Institute of Management in Government (I.M.G.)*

(Outlay Rs. 30 lakhs)

This Institute which was a part of the Personnel and Administrative Reforms Department of the Government of Kerala, became an autonomous body on 28-2-1981. It is now functioning with a full-time Director and other staff. The Institute is fully financed by grants from the State Government. It has two Regional Centres, one at Cochin, and the other at Calicut.

The Institute of Management in Government is engaged in conducting inservice training courses, seminars, research studies and providing consultancy services. The outlay earmarked for the year 1982-83 is for the Institute to undertake the activities mentioned above in addition to construction of buildings, development of library, purchase of training equipments and expansion of staff strength.

8.2 Economic Advice and Statistics

1. Strengthening the Directorate of Economics and Statistics including reorganisation of District Statistical Units

The following five items are included under strengthening of the Statistical machinery. A total outlay of Rs. 5.40 lakhs is earmarked for these items in the Annual Plan.

(a) Mechanical Tabulation Unit

(Outlay Rs. 1.25 lakhs)

The outlay is for the purchase of punch cards and for meeting the maintenance expenditure of the punching machine installed in the Directorate.

(b) Strengthening of the State Income Unit

(Outlay Rs. 0.50 lakh)

The State Income Division of the Directorate has been placed under the technical guidance of an Additional Director. The proposed outlay is for the continuance of this post in 1982-83.

(c) Construction of Index of Industrial Production

(Outlay Rs. 1.50 lakhs)

This is a continuing scheme. The outlay provided is for the continuation of the existing staff under the scheme.

(d) Strengthening of the Prices Division

(Outlay Rs. 0.40 lakh)

The outlay provided is for the continuation of the post of Additional Director created under this scheme.

(e) Strengthening of District Statistical Units

(Outlay Rs. 1.75 lakhs)

In order to improve the technical competence at the district level, a senior officer of the rank of Deputy Director is to be put in charge of the statistical work in the district. The outlay proposed is for the continuance of the six posts of Deputy Directors already sanctioned and creation of a new post for Wynad District.

2. Surveys and Studies

A total outlay of Rs. 8.60 lakhs is proposed for the following surveys and studies:—

(a) Survey on Movement of Goods Traffic Through Check Post

(Outlay Rs. 0.10 lakh)

This survey was started in 1980-81. The proposed outlay is for the completion of the work.

(b) Survey on Construction Activity

(Outlay Rs. 1.50 lakhs)

This is a continuing scheme. The outlay proposed is for the completion of the on going sample survey on construction industry in the private sector.

(c) Survey on Cost of Cultivation

(Outlay Rs. 3.75 lakhs).

This continuing scheme is aimed at collection of data on cost of cultivation of crops like paddy, coconut, arecanut, pepper, tapioca, ginger etc. The proposed outlay is for the continuance of the scheme in 1982-83.

(d) Survey on Wage Structure

(Outlay Rs. 0.75 lakh)

The provision is for the continuance of the existing staff attending to the collection of data on wage levels of workers in the sectors of construction, trade and commerce.

(e) Study on Marketable Surplus of Important Agricultural Commodities

(Outlay Rs. 0.50 lakh)

At present the base year for the computation of the wholesale price indices is 1952-53. The Government of India has been insisting that the base may be shifted to a more recent year. For this purpose, it is necessary to undertake a study on the marketable surplus of important agricultural commodities for revising the weighing diagram. This study is proposed to be initiated in 1982-83.

(f) Survey on Socio-economic Conditions of Agricultural Labourers

(Outlay Rs. 2 lakhs).

The National Commission on Agriculture has recommended that a survey on the socio-economic conditions of agricultural labourers be taken up. The outlay proposed is for conducting the survey in 1982-83.

3. Training of Statistical Personnel

(Outlay Rs. 0.50 lakh).

This outlay is for continuing the existing scheme of in-service training for the primary and middle level staff of the Department and for getting senior officers trained under the Government of India and other agencies outside.

4. Purchase of Vehicles for District Statistical Offices

(Outlay Rs. 1.50 lakhs)

In order to facilitate frequent and efficient inspection, it is necessary to provide vehicles to the District Statistical Offices. This is proposed to be done in a phased manner. The outlay provided is for the purchase of vehicles for two districts.

5. Timely Reporting Survey on Agricultural Statistics—Centrally Sponsored Scheme—State Share

(Outlay Rs. 43.30 lakhs)

The outlay provided is the State's share for the continuance of the above scheme which was started in 1975-76. The survey envisaged collection of data for estimating the various parameters under area and yield statistics for each agricultural year. The survey is so designed that the entire area of the State will be completely enumerated at the end of six rounds of survey.

8.3 Other Economic Services

Regulation of Weights and Measures

(Outlay Rs. 12 lakhs).

Regulation of the weights and measures in the State and enforcement of the various provisions of the Act and Rules are the responsibilities of the Department

of Weights and Measures. The Divisional Inspectors and District Inspectors carry out the work of verification of weights and measures in the various trading establishments, initial verification of new weights, verification of working standard and conduct of surprise inspections. The outlay proposed is for meeting the establishment expenses, purchase of motor vehicles, machinery and equipment, payment of rent, taxes etc.

9. GENERAL SERVICES

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9.1 Stationery and Printing

		<i>Rs. lakhs</i>																							
<p>(i) <i>Government Presses</i> (Outlay Rs. 60 lakhs)</p> <p>The break-up of the outlay proposed for Government Presses is as follows:—</p> <table style="width: 100%; margin-left: 20px;"> <thead> <tr> <th></th> <th style="text-align: right;"><i>Rs. lakhs.</i></th> </tr> </thead> <tbody> <tr> <td>(a) Purchase of Machinery for New Presses</td> <td style="text-align: right;">35.00</td> </tr> <tr> <td>(b) Development of Government Presses:</td> <td></td> </tr> <tr> <td> (i) Construction of the Building for Government Press at Mannanthala</td> <td style="text-align: right;">15.00</td> </tr> <tr> <td> (ii) Do. Cannanore</td> <td style="text-align: right;">1.00</td> </tr> <tr> <td> (iii) Do. Vazhoor</td> <td style="text-align: right;">2.00</td> </tr> <tr> <td> (iv) Do. Quilon</td> <td style="text-align: right;">3.00</td> </tr> <tr> <td> (v) Shifting of Government Press at Ernakulam</td> <td style="text-align: right;">1.00</td> </tr> <tr> <td> (vi) Starting of a separate Confidential Press at Mannanthala</td> <td style="text-align: right;">1.00</td> </tr> </tbody> </table>		<i>Rs. lakhs.</i>	(a) Purchase of Machinery for New Presses	35.00	(b) Development of Government Presses:		(i) Construction of the Building for Government Press at Mannanthala	15.00	(ii) Do. Cannanore	1.00	(iii) Do. Vazhoor	2.00	(iv) Do. Quilon	3.00	(v) Shifting of Government Press at Ernakulam	1.00	(vi) Starting of a separate Confidential Press at Mannanthala	1.00	<table style="width: 100%; margin-left: 20px;"> <tbody> <tr> <td>(vii) Establishment of a Form Store in Mannanthala Press Campus</td> <td style="text-align: right;">1.00</td> </tr> <tr> <td>(viii) Construction of Building for Government Press, Calicut</td> <td style="text-align: right;">1.00</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 3px double black;">60.00</td> </tr> </tbody> </table> <p style="margin-left: 20px;">(ii) <i>Kerala Books and Publication Society</i></p> <p style="text-align: right; margin-right: 20px;">(Outlay Rs. 10 lakhs)</p> <p>The Kerala Books and Publication Society has been established with the technical collaboration of M/s. UNI TECHNA, a Company of the German Democratic Republic. The Society is envisaged to take up printing and binding works utilising the facility of the most modern printing-binding machinery. It is also proposed to start a Post Diploma Course in Printing Technology under the auspices of this Society. The outlay proposed is for implementing the above programmes.</p>	(vii) Establishment of a Form Store in Mannanthala Press Campus	1.00	(viii) Construction of Building for Government Press, Calicut	1.00	Total	60.00
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9.2 Public Works

(i) *Public Building Construction Programme*

(Outlay Rs. 280 lakhs)

The building construction programme of all non-development departments i.e., those departments which do not directly implement Plan schemes, is included under this head. Building for Departments such as, Judiciary, State Legislative, Revenue, Registration, Sales Tax, State Excise, Treasury, Police, Public Service Commission, Jail, Fire Force, etc. are proposed to be constructed. Construction of additional blocks for Secretariat and Vikas Bhavan also forms a part of this programme.

In addition to the above, the construction of the following new buildings for the Stationery Department is proposed to be taken up:

- (i) Stationery Stores and Office at Trivandrum.
- (ii) Regional Store at Cochin
- (iii) Stationery Store at Kottayam
- (iv) District Store at Trichur
- (v) District Store at Cannanore.

(ii) *Kerala State Construction Corporation*

(Outlay Rs. 20 lakhs)

The Kerala State Construction Corporation is a fully owned Government Undertaking for executing works of various organisations and Government Departments. The authorised capital of the Corporation is Rs. 100 lakhs, and the share capital collected so far is Rs. 75.5 lakhs. In view of the expansion of work, the Corporation, intends to get the authorised capital enhanced from Rs. 100 lakhs to Rs. 200 lakhs. The loan assistance of Rs. 5 lakhs annually provided from Government for their work is also found to be inadequate, in view of the quantum of works to be completed. A total outlay of Rs. 20 lakhs is therefore proposed for the Corporation in the Annual Plan for 1982-83.

(iii) *Kerala State Engineering Works Limited*

(Outlay Rs. 5 lakhs)

The Government Engineering Workshop, Trivandrum has been converted into a public limited company by name Kerala State Engineering Works Limited. The Company will be running a carpentary shop, an automobile unit and a forging unit. The Outlay proposed is for the payment of Share capital contribution to the Company by the Government.

Centrally Sponsored Schemes having 100 per cent Central Assistance (1982-83)

Agriculture

1. *Minikit of Rice—Establishment of Community Nurseries of Paddy*

(Outlay Rs. 7 lakhs)

The object of the scheme is to raise nurseries of high yielding varieties of paddy during the sowing

season in order to make available healthy and good quality paddy seedlings to the farmers of neighbouring areas. The provision is for raising nurseries during 1982-83.

2. *Kerala Agricultural University*

(a) *Fully Financed ICAR Schemes*

(Outlay Rs. 15 lakhs)

The outlay is for the implementation of the above scheme to be fully financed by ICAR.

(b) *National Agricultural Research Programme*

(Outlay Rs. 150 lakhs)

The provision included is for the implementation of the centrally sponsored scheme 'Kerala Agricultural University National Agricultural Research Programme'.

Soil and Water Conservation

1. *Soil Conservation in Watersheds of Malampuzha, Sabarigiri, Neriamangalam, Idukki and Neyyar*

(Outlay Rs. 50 lakhs)

This centrally sponsored scheme is intended for the soil conservation in watersheds of Malampuzha, Sabarigiri, Neriamangalam, Idukki and Neyyar. The outlay is for the above purpose.

2. *Establishment of Sediment Monitoring Station*

(Outlay Rs. 50 lakhs)

The outlay of Rs. 50 lakhs earmarked is for the establishment Sediment Monitoring Station in the State.

Special Area Programme for Rural Development Accelerated Development of Western Ghats

(Outlay Rs. 350 lakhs)

This outlay is the expected central assistance for the Kerala portion of Western Ghats during the year 1982-83.

Animal Husbandry

AICRP on Epidemiological Studies on Foot and Mouth Diseases

(Outlay Rs. 1 lakh)

This scheme aims at the conduct of foot and mouth diseases in cattle in the State.

Dairy Development

1. *Scheme for Progency Testing and Selection of Breeding Bulls.*

(Outlay Rs. 8.92 lakhs)

For implementing the above centrally sponsored scheme an outlay of Rs. 8.92 lakhs has been included

2. Operation Flood-II

(Outlay Rs. 380 lakhs)

This outlay is the expected central assistance for the conduct of operation flood-II programme in Kerala under the auspices of the Indian Dairy Corporation.

Community Development and Panchayats.

1. Functional Literacy Programme

(Outlay Rs. 20 lakhs)

This centrally sponsored scheme aims at implementing programmes which help to improve the literacy standard of the rural population. The provision is for meeting the expenditure towards carrying out the functional literacy programmes for the benefit of the rural poor.

2. Promotion and Strengthening of Yuvak Mandals (a) and (b)

(Outlay Rs. 1.60 lakhs)

The outlay is meant for the promotion and strengthening of Yuvak Mandals with a view to raising the cultural standard of the rural people. Of the total outlay of Rs. 1.60 lakhs, Rs. 0.10 lakh will be for the benefit of Scheduled Castes/Scheduled Tribes.

Co-operation

1. Agriculture Credit Stabilisation Fund

(Outlay Rs. 10 lakhs)

The provision is for meeting the Government of India's contribution towards the Agricultural Credit Stabilisation Fund maintained by the State Co-operative Bank. The amount sanctioned by Government of India will be released to the State Co-operative Bank by State Government and will be reimbursed in State Government by Government of India. Of the provision Rs. 7.50 lakhs will be in the nature of subsidy and Rs. 2.50 lakhs loan.

2. Development of Consumer Co-operatives

(Outlay Rs. 69.55 lakhs)

The Government of India is providing loan and grant assistance for various types of consumer co-operatives. The outlay earmarked is for the development of these co-operatives during the year 1982-83.

Power

Inter-State Transmission Lines—Loans to K.S.E.B.

(Outlay Rs. 40 lakhs)

The provision is for payment of loans to the Kerala State Electricity Board on the construction of inter-State transmission lines. It is proposed to complete three such transmission lines viz. Idukki-Udumalpet 220 KV Line, Cannanore-Mangalore 220 KV Line and Trivandrum Thuckalai 110 KV line during 1982-83.

Village and Small Industries

1. Nucleus Cell for Census

(Outlay Rs. 2 lakhs)

The provision included is for meeting the establishment charges of Nucleus Cell for census operations.

2. Interest Subsidy to Engineering Entrepreneurs

(Outlay Rs. 1 lakh)

The provision of Rs. 1 lakh made in the Plan is for meeting the interest subsidy to engineering entrepreneurs.

3. Central Investment Subsidy to Industrial Units in Industrially Backward Areas

(Outlay Rs. 150 lakhs)

An outlay of Rs. 150 lakhs is provided for payment as central subsidy to industrial units in the industrially most backward districts of Alleppey, Malappuram and Cannanore.

Handloom Industry

1. Export Production Project for Handloom

(Outlay Rs. 3 lakhs)

For the export production centre for handloom an amount of Rs. 3 lakhs has been included.

2. Setting up of Printing-cum-Dyeing Unit

(Outlay Rs. 20 lakhs)

This provision for the setting up a printing-cum-dyeing unit in the State.

Roads and Bridges

1. Roads of Inter-State Importance

(Outlay Rs. 100 lakhs)

The provision is for taking up roads of inter-state importance with the approval of Government of India. The Punalur-Shencottah road is included under this scheme.

Water Transport

1. Badagara—Mahe Canal (Outlay Rs. 25 lakhs)

This outlay is earmarked for the incomplete central sector scheme, Badagara—Mahe Canal.

General Education

1. Adult Education

(Outlay Rs. 90 lakhs)

The object of this scheme is to eradicate illiteracy in Kerala by the introduction of Adult Education Programme through 'Grama Vidhya Kendram' set up at the Village level. The programme will be implemented through voluntary organisations. The provision is for giving financial aid and other educational support to the voluntary organisations for the implementation of this programme.

2. *Educational Technology Cell*

(Outlay Rs. 2.50 lakhs)

The provision is to create an Education Technology Cell in the State Institute of Education.

3. *Population Education in Secondary Schools*

(Outlay Rs. 3 lakhs)

This scheme is intended to promote population education at the Secondary School Level.

*Technical Education*1. *Post-Graduate Course in College of Engineering, Trivandrum.*

(Outlay Rs. 25 lakhs)

This outlay is to meet the expenditure for the conduct of post-graduate courses in the College of Engineering, Trivandrum, towards salary and allowances of staff, contingencies, scholarship to post-graduate students, purchase of equipment and machinery etc. The provision also includes starting of new full-time and part-time post-graduate courses.

2. *Post-Graduate Course in Engineering College, Trichur*

(Outlay Rs. 15 lakhs)

The outlay is to meet the expenditure for the conduct of post-graduate courses in the Engineering College, Trichur towards salary and allowances of staff, contingencies, scholarship to post-graduate students, purchase of equipment and machinery, etc. The provision also includes starting of new full-time and part-time post-graduate courses.

*Public Health*1. *Family Welfare Programme*

(Outlay Rs. 1,074 lakhs)

This provision is for the implementation of family welfare programmes in the State. The following programmes will be implemented during the year 1982-83.

- (i) Continuance of the schemes under State Bureau, District Bureau, Rural F.W. centres, F.W. sub-centres, urban centres, post-partum centres and training centres.
- (ii) Construction of sterilisation ward and operation theatre in the post-partum centres of all taluk hospitals.
- (iii) Construction of fully equipped operation theatre for sterilisation in all P. H. Centres.
- (iv) Starting of mobile teams with a Medical Officer, nurse and attender attached to each P.H. Centre for extending sterilisation facilities in rural areas.
- (v) Increasing sterilisation beds in all hospitals and P.H. Centres.

(vi) Supply of additional equipments to all hospitals and P. H. Centres to increase the sterilisation facilities.

(vii) Increasing the existing rate of compensation to acceptors.

(viii) Opening of new training schools for female health workers in eight districts.

(ix) Expansion of immunisation programme under M.C.H. to cover total population and

(x) Family Welfare Hospital Complex.

2. *Programme for Higher Education, Research and Training (ISM)*

(Outlay Rs. 11 lakhs)

The Centre for Higher Education Research and Training is functioning as a separate unit under a project officer and separate post-graduate departments for five branches are existing. These departments have to be organised in accordance with the new syllabus adopted by Central Council of Indian Medicine. The provision is for the continuance of these departments and to start a post-graduate diploma department in "Visha".

3. *Development of I.S.M. Pharmacies*

(Outlay Rs. 5 lakhs)

The scheme is for the improvement of the I.S.M. Pharmacy attached to the Ayurveda College, Trivandrum. The provision is for the installation of up-to-date machinery for the manufacture of Ayurvedic medicines, starting of a drug testing laboratory and a herbal garden also comes under this scheme.

4. *Regional Cancer Centre, Trivandrum*

(Outlay Rs. 360 lakhs)

The Cancer Institute at Trivandrum is being raised to the status of a Regional Cancer Centre of national reputation. The provision is for the overall development of the institution.

5. *Leprosy Control*

(Outly Rs. 18.90 lakhs)

This outlay is for the continuance of the Leprosy Control Unit, Urban Leprosy Centre and other leprosy control programmes in the State with Central assistance. This scheme has been transferred from schemes having 50 per cent Central assistance to those having 100 per cent assistance recently.

6. *National Programme for Precaution and Control of Visual Impairment*

(Outlay Rs. 20 lakhs)

This outlay is for the continuance of the national programme for prevention and control of visual impairment being implemented in five district hospitals and P.H. Centres.

Sewerage and Water Supply

1. *Investigation Cell and Monitoring Cell for Accelerated Rural Water Supply*
(Outlay Rs. 5 lakhs)

The provision is for setting up a cell and its continuance in the Public Health Engineering Department for investigation and monitoring of Rural Water Supply Schemes during 1982-83.

2. *Accelerated Rural Water Supply Scheme*
(Outlay Rs. 400 lakhs)

The Government of India have sanctioned an accelerated programme for rural water supply for providing water supply to the problem villages in the State. The provision is for the completion of the earlier schemes and for taking up new schemes during 1982-83.

Housing

1. *Subsidised Housing Scheme for Plantation Labour*
(Outlay Rs. 7 lakhs)

The scheme envisages the grant of 50 per cent loan 37½ per cent subsidy and 12½ per cent to be met by the concerned plantation employers for the construction of houses for plantation workers. The ceiling cost of a house is Rs. 5,000. The provision is for giving loan (Rs. 4 lakhs) and subsidy (Rs. 3 lakhs), for construction of houses to plantation labourers during 1982-83.

Urban Development

- Project Site selection Methodology for Locating Industries in Rural Areas*
(Outlay Rs. 1 lakh)

This is an ecological and environmental research project on site selection methodology for locating industries in rural areas. The project is under implementation. The provision is for meeting the expenditure of staff engaged in the above work during 1982-83.

Welfare of Scheduled Castes, Scheduled Tribes and Other Backward Classes

1. *Post-Matric Scholarships*
(Outlay Rs. 40 lakhs)

The outlay is meant for the award of scholarships to scheduled caste/scheduled tribe students undergoing post-matric studies.

2. *Integrated Area Development Programme—Tribal Area Sub-Plan*

(Outlay Rs.60 lakhs)

The provision is for the implementation of various development activities in the five Integrated Tribal Development Projects in the State and for taking up special schemes for primitive tribes.

Social Welfare

1. *Integrated Child Development Services*
(Outlay Rs. 75 lakhs)

The I.C.D.S. scheme envisages the delivery of a package of services essential for physical growth, intellectual development and emotional well-being of children. The strategy adopted is to deliver the different services and pre-school education to the children in a co-ordinated and intensive manner. The following services are rendered to children through the integrated child development services projects:—

- (i) Supplementary feeding
- (ii) Complete and periodical medical check up
- (iii) Immunisation
- (iv) Pre-school education, etc.

The provision is for the continuance of the existing projects and to start new projects during 1982-83.

2. *Functional Literacy Programme for Women*
(Outlay Rs. 15 lakhs)

This scheme is for imparting non-formal education to adult women in the age group of 15—45 using functional literacy as the means. Subjects like elements of health hygiene, food and nutrition are covered under the scheme. The provision is for continuance of the functional literacy classes and for starting new classes during 1982-83.

Economic Advice and Statistics

- Economic Census and Surveys*
(Outlay Rs. 5 lakhs)

This is one of those schemes which have been transferred from those having 50 per cent Central assistance to 100 per cent Central assistance.

PART II
STATEMENTS

STATEMENT 1

DRAFT ANNUAL PLAN 1982-83—TARGETS OF PRODUCTION AND PHYSICAL ACHIEVEMENTS

Statement GN. 3

Sl. No.	Item	Unit	Sixth Five Year Plan 1980-85		1980-81 Achieve- ment	1981-82		1982-83 Proposed Target
			1979-80 Base year level	1984-85 Terminal Year Target		Target	Anticipa- ted Achieve- ment	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
AGRICULTURE AND ALLIED SERVICES								
<i>Crop—Husbandry</i>								
1.	Production of Foodgrains							
	(a) Rice	'000 tonnes	1282.61	1600.00	1291.79	1387.00	1351.79	1447.61
	(b) Pulses	"	19.13	50.00	14.93	30.00	24.73	35.93
	(c) Jowar, Ragi and Small Millets	"	3.65	4.00	2.79	4.00	3.65	4.00
	Total—Foodgrains	"	1305.39	1654.00	1309.51	1421.00	1380.17	1487.54
2.	Commercial Crops							
	(a) Cotton	'000 bales	1.23	1.25	1.47	1.24	1.40	1.40
	(b) Sugarcane (Cane)	'000 tonnes	374.90	475.00	362.97	400.00	375.00	400.00
	(c) Oil Seeds							
	1. Major Oil Seeds							
	(i) Groundnut	"	13.29	21.50	13.30	15.30	14.00	17.50
	(ii) Sesamum	"	4.48	5.00	4.18	5.00	3.00	5.00
	2. Others—Coconut	Million nuts	3075	3333	3090	3140	3040	3205
3.	Chemical Fertilizers							
	(a) Nitrogenous (N)	'000 tonnes	46.340	79.000	41.690	57.000	42.580	47.260
	(b) Phosphatic (P)	"	25.402	43.000	23.400	31.000	24.230	26.902
	(c) Potassic (K)	"	33.872	88.000	37.430	42.000	33.508	37.600
	Total: Chemical fertilizers		105.614	180.000	102.520	130.00	100.318	111.762
4.	Plant Protection	'000 tonnes of technical grade material	893	1600	1343	1470	1570	1600
5.	Area under Distribution of Pesticides	'000 hectares	946	2000	1021	1700	1570	1600
6.	Area under High Yielding Varieties- Paddy	"	300	600	396	420	450	480
7.	Soil Conservation Area covered (Cumulative)	"	60.873	78.392	63.391	67.000	65.751	68.246
8.	Cropped Area							
	(a) Net	"	2201	2261	2200	2216	2216	2300
	(b) Gross	"	2924	3142	2880	2981	2981	2990
9.	Storage:— Owned Capacity with:—							
	(i) State Warehousing Corporation	'000 tonnes (cumulative)	58.378	116.378	64.878	67.378	70.378	74.378
	(ii) Co-operatives	"	142.650	195.000	154.000	163.000	163.000	172.000
	(iii) Central Warehousing Corporation	"	39.160	62.940	..	..	..	..
	(iv) State Government	"	37.620	..	..	..	..	..
	(v) Others	"	271.904	..	..	..	..	..
LAND REFORMS								
A.	Ceiling on Surplus Land							
	1. Area Declared Surplus	Hectares (cumulative)	50640	66000	46456	57240	52617	55320
	2. Area Taken Possession of	"	33624	66000	31329	45624	34102	36230
	3. Area Allotted	"	22108	56000	20796	34608	24695	27258
B.	Consolidation of Holdings	..	..	..	..	..	..	..

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
C. Resurvey of State and Preparation of Record of Rights		Sq.Km.	13925	25925	1334	2000	1500	2500
<i>Minor Irrigation</i>								
(i)	Ground Water	'000 ha.	26.30	153.50	28.37	53.37	53.37	83.37
(ii)	Surface and Lift Irrigation	'000 ha.						
(a)	Net		121.944	169.584	131.238	130.754	130.754	139.244
(b)	Gross		142.116	196.641	153.004	165.374	164.244	174.834
<i>Command area Development</i>								
(a)	Field Channels	No. of Blocks (Cumulative)	..	27	..	27	..	27
		Area covered ('000 hectares (Cumulative)	..	45	..	15	1.5	10
(b)	Field Drainage	"	To be investigated					
(c)	Land levelling	"	..	2.40	..	0.90	..	0.50
<i>Integrated Rural Development</i>								
		No. of Blocks (Cumulative)	..	151*	144	144	144	151
	Beneficiaries Identified	(Cumulative No.)	150,000	720,000	400,000	500,000	550,000	600,000
	Beneficiaries Covered	"	125,525	432,000	195,300	251,700	281,700	370,000
ANIMAL HUSBANDRY								
I. Animal Husbandry and Dairy Products								
1.	Milk	'000 tonnes (cumulative)	872.7	1162.9	924.3	978.3	950.0	1010.00
2.	Eggs	Million Nos.	954	1160	960	1005	1005	1050
II. Animal Husbandry Programmes								
1.	ICD Projects	No. (cumulative)	3	4	3	4	4	4
2.	Frozen Semen (bull) Stations	"	3	3	3	3	3	3
3.	No. of Inseminations Performed with Exotic Bull Semen	(In lakhs Cumulative)	9.63	14.48	10.58	11.23	11.0	11.7
4.	Establishment of Sheep/Goat Breeding Farms	No. (cumulative)	1	2	1	2	2	2
5.	Veterinary Hospitals	"	369	373	393	388	424	439
6.	Veterinary Dispensaries	"	153	139	139	139	125	115
7.	Veterinary Polyclinics	"	15	45	25	30	30	35
8.	Mobile Farm Aid Units	"	7	38	26	20	29	32
DAIRY DEVELOPMENT								
1.	Frozen Semen Bull Stations	No.	3	3	..	..	..	..
2.	Production of Frozen Semen	lakh dozen	6	12.5	6	10	9	10
3.	Regional Semen Banks	No.	4	6	1	1	1	1
4.	Cattle Breeding Centres Supplied with Frozen Semen	"	650	1300	770	920	890	1260
5.	Fodder Seed Farm	"	..	1	..	1	..	..
6.	Fodder Seeds to be Produced and Procured from Certified Seed Producers	tonnes	3	60	13	43	23	45
7.	No. of Inseminations Proposed with Exotic Bull Semen (Annually)	In lakhs	9.63	14.48	10.68	11.23	11.00	11.25
8.	Milk	'000 tonnes	872.7	1162.9	924.3	978.3	950.00	1010.00
9.	Milk Powder Factories	No.	..	2	..	..	..	..
10.	Fluid Milk Plants	"	7	14	7	8	7	8
11.	Dairy Co-operatives/Union	"	9	3†	9	3	3	3
12.	Dairy Co-operative Societies (Primary)	"	935	2200	1025	1200	1100	1500

* The number of blocks has been enhanced from 144 to 151 in 1981-82.

† The existing 9 District Unions will be organised into three regional Unions.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
FISHERIES								
1.	Fish Production							
	(a) Inland	'000 tonnes (cumulative)	25.00	40.00	25.46	30.00	28.00	30.00
	(b) Marine	" "	328.51	498.00	279.02	420.00	410.00	420.00
	Total	" "	353.51	538.00	304.48	450.00	438.00	450.00
2.	Mechanised Boats	Nos. (cumulative)	3019	3250	3106	3130	3130	3150
3.	Deep Sea Fishing Vessels	"	16	35	16	20	17	20
4.	Fish Seed Production within the State							
	(a) Fry	million (cumulative)	5.30	35.01	10.40	9.00	9.00	10.00
	(b) Fingerlings	"	0.50	2.00	0.61	1.00	0.75	1.50
5.	Fish Seed Produced from Outside the State							
	(a) Fry	"	0.002	0.01	0.002	0.004	0.004	..
	(b) Fingerlings	"	0.022	0.20	0.022	0.040	0.040	..
6.	Fish Seed Farms							
	(a) Government	No. (Cumulative)	2	10	4	6	5	6
	(b) Private and Others	"	..	..	..	..	..	..
7.	Nursery Area							
	(a) Government	ha. (Cumulative)	7.00	12.00	7.00	9.00	8.00	10.00
	(b) Private and Others	"	..	..	..	..	..	..
FORESTS								
1.	Plantation of Quick Growing Species	'000 ha.	33.544	38.544	33.881	35.144	34.348	34.988
2.	Economic and Commercial Plantations	"	106.807	129.647	110.079	115.149	113.049	115.189
3.	Farm Forestry	"	..	7500.00	816.20	3000.00	3366.20	4866.20
4.	Communications							
	(i) New Roads	Kms.	1160.00	1610.00	1200.00	1390.00	1300.00	1400.00
	(ii) Improvement of Existing Roads	"	..	4000.00	1.00	110.00	110.00	..
COMMUNITY DEVELOPMENT								
1.	Literacy Centres to be Started	Numbers	1200	1500	1500	1500	1500	1500
2.	Learners to be Covered	Nos('000)	36	45	45	45	45	45
3.	Kitchen Garden to be Started	Nos.	14	25	18	20	20	22
4.	Poultry Units Assisted	Nos. ('000)	14	25	18	20	20	22
5.	Rural Artisans Assisted	Nos. ('000)	1500	2500	2000	2000	2000	2000
6.	Non-ANP Feeding Centres Operated	Nos.	1400	1600	1600	1600	1600	1600
7.	Mahilasamajams to be Assisted	"	300	500	400	450	450	450
8.	Youth Clubs to be Assisted	"	..	100	50	80	80	100
9.	Subscribers for 'Gramabhoomi'	Nos. ('000)	..	25	25	25	25	25
COOPERATION								
1.	Short-term Loans issued during the year	Rs. crores	102.61	170.00	106.38	112.00	115.00	130.00
2.	Medium Term Loans do	"	35.36	50.00	42.09	38.00	40.00	41.00
3.	Long Term Loans do.	"	12.44	36.00	20.45	28.67	29.00	32.77
4.	Retail Sales of Fertilisers	"	17.51	40.00	21.33	30.00	30.00	35.00
5.	Agricultural Produce Marketed	"	65.52	120.00	75.00	85.00	80.00	100.00
6.	Retail Sales of Consumer Goods by Urban Consumers Cooperatives	"	18.32	30.00	22.00	20.00	20.00	25.00
7.	Retail Sales of Consumer Goods by Cooperatives in Rural Areas	"	58.50	150.00	65.00	110.00	85.00	120.00
8.	Cooperative Storage	lakh tonnes	1.43	1.93	1.54	1.63	1.63	1.72
9.	Processing Units-Organised do. Installed	Numbers do.	38.00	78.00	48.00	53.00	53.00	64.00
			24.00	68.00	38.00	40.00	40.00	50.00

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Major and Medium Irrigation</i>								
(i)	Potential Created	'000ha.	300.458	508.258	321.158	358.358	358.358	406.558
(ii)	Utilisation	'000ha(gross)	279.506	487.306	295.272	332.472	332.472	380.672
<i>Flood Control</i>								
	Area Provided with Protection	'000ha.	15.723	22.067	16.838	17.890	17.954	19.647
POWER								
(i)	Installed Capacity	MW	1,011.5	1526.5	1011.5	1011.5	1011.5	..
(ii)	Electricity Generated	MKWH	5,118.6	5682.0	5,242	5,231	5,231	5,231
(iii)	Electricity Sold	MKWH	4,438.34	—	4470.00	4522.00	4614.70	4592.30
(iv)	Transmission Lines (220 KV & above)	KM	853.77	1210.77	36.00	—	..	..
(v)	<i>Rural Electrification</i>							
(a)	Villages Electrified	Nos. (Cumulative)	1,268	1,268	All Villages electrified			
(b)	Pumpsets Energised by Electricity	„	78,296	138,296	14,029	12,000	13,000	13,000
(c)	Tube Wells Energised by Electricity	„	—	—	—	—	..	..
VILLAGE AND SMALL SCALE INDUSTRIES								
1. <i>Small Scale Industries</i>								
(a)	Units Functioning	No. '000 (Cumulative)	15.98 (Revised)	33.48	18.96	22.98	22.46	25.96
(b)	Persons Employed	„	80.00	185.00	106.42	122.00	134.42	162.42
2. <i>Industrial Estates/Areas</i>								
(a)	Estates/Areas Functioning	Nos.(Cumulative)	134	142	141	143	143	144
(The number includes Conventional Industrial Estates, Mini Industrial Estates, Development Areas and Development Plots. The programme for 1981-82 and 1982-83 is for starting Development Plots)								
3. <i>Handloom Industry</i>								
(a)	Production	Million Metres	89	155	95	124	99.4	130
(b)	Employment	Nos.'000	250	353	252	283	267	270
4. <i>Powerloom Industry</i>								
(a)	Production	Million Metres	4.5	13.0	4.5	9.0	4.5	9.0
(b)	Employment	Nos.'000	1.70	4.90	1.70	3.37	1.70	3.37
5. <i>Cair Industry</i>								
(i)	Production of Yarn	'000 tonnes	15.62	38.80	18.74	22.48	22.48	26.97
(ii)	Production of other items	„	1.69	4.19	2.03	2.43	2.43	2.92
(iii)	Employment	'000 Nos.	65.83	163.00	78.99	94.77	94.77	113.72
6. <i>Handicrafts</i>								
(i)	Production	Rs. lakhs	1000.00	1400.00	1150.00	1175.00	1200.00	1300.00
(ii)	Employment	No. '000 Cumulative	75.00	90.00	80.00	82.00	83.00	85.00
7. <i>Village Industries</i>								
(a)	Within the Purview of Khadi and Village Industries							
(i)	Production	Rs. lakhs	292.34	5000.00	1518.00	3500.00	2900.00	2500.00
(ii)	Employment	No. '000 (Cumulative)	21.99	150.00	21.10	27.50	25.00	30.00
(b)	Outside the Purview of Khadi and Village Industries							
(i)	Production	Rs. lakhs	1014.83	5000.00	700.00	900.00	900.00	1000.00
(ii)	Employment	Nos. '000 Cumulative	101.41	351.41	122.00	126.41	125.00	130.00

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
B. District Industries Centres								
(i)	Units Assisted	Nos.	3063	20000	4173	3500	3500	4000
(ii)	Artisans Assisted	Nos. '000	8.70	51.20	5.76	8.50	11.70	10.00
(iii)	Financial Assistance Rendered to Industrial Units	Rs. lakhs	1109.50	5500.00	1478.72	5500.00	3219.97	5000.00
TRANSPORT & COMMUNICATIONS								
ROADS								
1. State Highways								
(a)	Surfaced	Km.	2024	} Improve- ments to 200kms. of roads	..	Improve- ments to 50 kms. of roads	Improve- ments to 50 kms. of roads	Improve- ments to 50kms. of roads
(b)	Unsurfaced	"	4					
(c)	Total	"	2028					
2. Major District Roads								
(a)	Surfaced	"	4931	} Improve- ments to 300kms. of roads	..	Improve- ments to 80 kms. of roads	Improve- ments to 80 kms. of roads	Improve- ments to 80 kms. of roads
(b)	Unsurfaced	"	613					
(c)	Total	"	5544					
3. Other District Roads								
(a)	Surfaced	"	5051	} Improve- ments and new con- struction of 1531 kms. of roads	Improve- ments and new con- struction of 390kms. of roads	Improve- ments and new con- struction of 350kms. of roads	Improve- ments and new con- struction of 350kms. of roads	Improve- ments and new con- struction of 350km. of roads
(b)	Unsurfaced	"	1998					
(c)	Total	"	7049					
4. Village Roads								
(a)	Surfaced	"	489	} Improve- ments and new con- struction of 1531 kms. of roads	Improve- ments and new con- struction of 390kms. of roads	Improve- ments and new con- struction of 350kms. of roads	Improve- ments and new con- struction of 350kms. of roads	Improve- ments and new con- struction of 350km. of roads
(b)	Unsurfaced	"	1459					
(c)	Total	"	1948					
5. Total Roads								
(a)	Surfaced	"	12495					
(b)	Unsurfaced	"	4074					
(c)	Total	"	16569	18100*				
EDUCATION								
A. Elementary Education								
I. Classes I—V (age group 6—10)								
(i) Enrolment								
(a)	Boys	'000	1664	1679	1650	1655	1653	1670
(b)	Girls	"	1564	1579	1555	1560	1553	1560
(c)	Total	"	3228	3258	3205	3215	3206	3230
(ii) Percentage to age group								
(a)	Boys		108.0	110.0	108.0	108.5	108.4	108.8
(b)	Girls		105.0	106.0	105.0	105.0	104.5	104.7
(c)	Total		106.0	108.0	106.0	106.3	106.0	106.2
II. Class VI—VIII (age group 11—14)								
(i) Enrolment								
(a)	Boys	'000	839	894	820	840	845	849
(b)	Girls	"	752	797	750	770	779	786
(c)	Total	"	1591	1691	1570	1610	1624	1635
(ii) Percentage to age group								
(a)	Boys		94.8	100.0	94.7	96.0	96.6	97.0
(b)	Girls		88.7	91.0	88.6	89.0	90.0	90.8
(c)	Total		92.1	95.0	92.0	93.0	93.8	94.4

* The increase in roads length from base year to the terminal year consists of—

- (i) Village Roads taken over to P.W.D. under Minimum Needs Programme—691 kms.
- (ii) Roads formed under general sector schemes—440 kms.
- (iii) Roads formed under the scheme 'Roads in backward hilly areas'—400 kms.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
B. Secondary								
I. Classes IX—X								
Enrolment								
(a) Boys		'000	391	436	408	420	422	425
(b) Girls		"	370	405	390	402	406	410
(c) Total		"	761	841	798	822	828	835
C. Adult Education								
(a) Number of Participants (age group 15—35)		'000	450	1350	425	425	450	460
(b) <i>Number of Centres opened under</i>								
(i) Central Programmes		Nos.	4000	..	..	15000	..	..
(ii) State Programmes		"
(iii) Voluntary Agencies		"	15000	45000	20000	25000	25000	..
D. Teachers								
(i) Primary Classes I—V		Nos.	75.0	77.0	75.5	75.8	80.0	82.0
(ii) Middle Classes VI—VIII		"	58.0	63.0	58.5	54.5	60.0	63.0
(iii) Secondary Classes IX—X		"	42.0	48.0	42.5	44.0	45.0	47.0
HEALTH AND FAMILY WELFARE								
1. <i>Hospitals and Dispensaries</i>								
(a) Urban	}	Nos. (Cumulative)	558	708	588	638	638	675
(b) Rural								
2. <i>Beds</i>								
(a) Urban Hospitals and Dispensaries	}	"	29,947	38,447	32,447	35,450	35,450	35,700
(b) Rural Hospitals and Dispensaries								
(c) Bed Population Ratio								
3. <i>Primary Health Centres</i>								
(a) Main Centres		No. (cum.)	163	200	163	169	170	175
(b) Sub Centres		"	1808	3600	1878	2008	2050	2100
4. <i>Training of Auxiliary Nurse—Midwives</i>								
(a) Institutes		Nos. (cum.)	2	2	2	2	2	2
(b) Annual Intake		"	280	430	430	430	430	430
(c) Annual out turn		"						
5. <i>Control of Diseases</i>								
(a) T. B. Clinics		Nos. (cum.)	21	25	22	23	23	23
(b) Leprosy Control Units		"	3	5	4	5	5	5
(c) Filaria Units		"	31	67	36	46	46	50
(d) T. B. Isolation Beds		"	318	450	338	338	338	410
6. <i>Maternity and Child Welfare Centres</i>								
		"	1808	3600	1878	2078	2078	2100
7. <i>Doctors Population Ratio</i>								
		No. (per 1000 popu- lation)	0.41	1.00	..	..	..	..
8. <i>Training and Employment of Multi-purpose Workers</i>								
(a) Districts Covered		Nos. (cum.)	2	11	2	3	3	3
(b) Trainees Trained		"	447	3470	447	1000	1000	1500
(c) Workers Trained		"
9. <i>No. of Voluntary Sterilisations Done</i>								
(a) Tubectomy	}	'000	90.09	540.00	130.00	175.00	175.00	200.00
(b) Vasectomy								
(c) No. of IUD Insertions								

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	(d) <i>Conventional Contraceptives</i>							
	(i) Free Supply	'000/Pks. }	75.00	400.00	75.00	75.00	75.00	75.00
	(ii) Commercial Supply	" }						
10.	<i>M. C. H. Benefits</i>							
	(a) Immunisation of Infants and Pre-school Children with DPT	Nos.	15,14,529	5,00,000	75,000	1,00,000	1,00,000	1,00,000
	(b) Immunisation of School-going Children with DPT	"	8,75,352	50,00,000	10,00,000	40,00,000	20,00,000	20,00,000
	(c) Prophylaxis Against Nutritional Anemia among							
	(i) Mothers	Nos.(cum.)	22,69,771	5,00,000	1,00,000	1,00,000	1,00,000	1,00,000
	(ii) Children	"	18,33,450	5,00,000	1,00,000	1,00,000	1,00,000	1,00,000
11.	<i>Family Welfare</i>							
	(a) Rural F. W. Centres	"	1332	3600	1392	1592	1450	1485
	(b) District F W Bureau	"	11	12	..	12	12	12
	(c) City F W Centres	"						
	(d) Urban F. W. Centres	"	34	34	34	34	34	34
	(e) Post Martum Centres	"	16	47	16	26	20	20
SEWERAGE AND WATER SUPPLY								
A. URBAN WATER SUPPLY—CORPORATION/TOWNS. (TOWN-WISE)								
	(a) <i>Original Schemes</i>							
	(i) Capacity	mld						
	(ii) Population Covered	lakhs						
	(b) <i>Augmentation</i>							
	(i) Capacity	mld (Cum.)	185	270				
	(ii) Population Covered	lakhs (cum.)	11.8	15.8				Work to be continued
OTHER TOWNS								
	(a) <i>Original Schemes</i>							
	(i) Towns Covered	Nos. (cum.)	31	39	32	32	33	33
	(ii) Population Covered	Lakhs (cum.)	14.59	20.30	14.79	15.00	15.00	15.20
	(b) <i>Augmentation Schemes</i>							
	(i) Towns Covered	Nos. (cum.)	2	11	2	8	8	9
	(ii) Population Covered	Lakhs (cum.)	2.50	4.00	2.50	3.55	3.55	3.75
B. URBAN SANITATION								
1. Sewerage Schemes								
Corporations/Towns (Town wise)								
<i>Original Schemes</i>								
	(i) Capacity	Mld (cum.)	40	156	40	3 Schemes in Progress	Works to be continued	
	(ii) Population Covered	Lakhs (cum.)	2.0	7.5	2.0			
OTHER TOWNS								
<i>Original Schemes</i>								
	(i) Towns Covered	Nos. (cum.)	..	2	..	1	1	1
	(ii) Population Covered	Lakhs (cum.)	..	2.50	..	0.15	0.15	0.20
2. Drainage Schemes								
<i>Original Schemes</i>								
	(i) Towns Covered	Nos. (cum.)	..	1	..	1	1	..
	(ii) Population Covered	Lakhs (cum.)	..	4.0	..	2.5	2.6	..
3. Latrine Conversion Programme								
	(i) Latrines Converted	} No. of families benefited lakh (cum.) }	1.00	3.60	1.40	1.30	1.80	2.40
	(ii) Towns Covered							
	(iii) Population Covered							

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
C. RURAL WATER SUPPLY								
1.	<i>Under Minimum Needs Programme (State Sector only)</i>							
	<i>(a) Piped Water Supply</i>							
	(i) Villages Covered	Nos. (cum.)	504*	630	529	565	565	605
	(ii) Population Covered	Lakhs (cum.)	38.15	43.50	40.51	41.80	41.80	43.10
2.	<i>Other Rural Water Supply Programme</i>							
	<i>(a) Piped Water Supply:</i>							
	(i) Villages Covered	Nos. (cum.)	110*	150	..	120	..	115
	(ii) Population Covered	Lakhs (cum.)	9.32	10.82	..	9.80	..	9.39
	<i>(b) Open Dug Wells</i>							
	Villages Covered (Wells dug)	Nos.	1000	2250	1250	1500	1500	1833
HOUSING								
A. Rural Housing								
1.	Rural House-sites Scheme (M. N. P.)	Nos. (Cumulative)	3000	17450	9700	9400	16700	24900
2.	Rural House-sites-cum-hut Construction Scheme (MNP)	..	1125	36122	6125	8925	9425	10475
3.	Village Housing Project	..	934	1212	1674	1045	2029	2309
B. Urban Housing								
4.	Subsidised Industrial Housing Scheme	Nos.	..	533	N.A.	33	N.A.	N.A.
5.	Low Income Group Housing Scheme	Nos. (Cumulative)	183	415	363	381	536	674
6.	Middle Income Group Housing Scheme	Nos.	174	233	406	245	650	810
7.	Rental Housing Scheme	..	N.A.	2000	340	473	300	635
8.	Slum Clearance/Improvement	..	168	301	168	197	328	700
9.	Police Housing:							
	(i) Barracks for Men	..	3050	3650	3250	3350	3650	3950
	(ii) Family Quarters	..	6930	7425	7015	7130	7265	7465
10.	Co-operative Housing Scheme for Economically Weaker Sections	..	17654	69180	22600	34654	34654	N.A.
URBAN DEVELOPMENT								
I. Financial Assistance to local bodies								
(a) Remunerative Schemes								
	(i) Shops and Market Centres (in 30 Urban Local Bodies)	Nos. (cumulative)	99	417	190	250	250	325
	(ii) Other Remunerative Schemes (in 20 Urban Local Bodies)	..	11	281	20	50	50	105
(b) Non-remunerative (Urban Development) Schemes								
	(i) Construction of Roads (in 6 Urban Local Bodies)	..	..	30	6	12	12	20
	(ii) Other Non-remunerative Schemes viz. Housing Scheme, Area Development Scheme, Public Utility Scheme etc. (in 9 Urban Local Bodies)	..	..	22	4	8	8	13
(c) Non-Rmunerative Town Improvement Schemes								
	(i) Construction of Municipal Office Buildings	..	2	10	4	6	6	8
	(ii) Construction of Town Halls	..	1	5	1	2	2	4
	(iii) Other Non-remunerative Works (Construction of Roads, Parks, Stadia etc.)	..	5	25	11	15	15	21
2.	Town and Regional Planning							
	(i) Master Plans Prepared	..	12	21	12	14	14	16
	(ii) Regional Plans Prepared	..	1	5	1	1	1	2
	(iii) District Offices Functioning	..	8	12	10	11	11	12

* Partial Coverage Only

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
3.	Environmental Improvement of Slums	(Nos. (cumulative))	5	58	15	15	26	38
LABOUR AND LABOUR WELFARE								
A. Craftsmen Training								
1.	No. of Industrial Training Institutes (I.T.Is)	„	15	18	15	17	16	19
2.	Inake Capacity	„	8652	11340	8652	9164	9283	9967
3.	No. of Persons Undergoing Training	„	8652	11340	8652	9164	9283	9967
4.	Out-Turn	„	8652	10132	6038	8780	6456	6816
B. Apprenticeship Training								
1.	Training Places Located	„	5686	10000	7500	7500	7500	9000
2.	Apprentices Trained	„	4438	1000	7500	7500	7500	9000
C. No. of Employment Exchanges								
„	„	„	23*	45*	23*	27*	27*	35*
D. Labour Welfare								
1.	No. of Labour Welfare Centres	„	..	15	..	6	1	4
WELFARE OF SCHEDULED CASTES, SCHEDULED TRIBES AND OTHER BACKWARD CLASSES								
1. Pre-matric Education Incentives								
(i)	Scholarships/Stipends	Nos. lakhs	..	5.20	1.80	2.00	2.20	2.44
(ii)	Other Incentives like Boarding Grants, Books, Stationery and Uniforms	No. of students	..	1500	200	225	250	300
(iii)	Ashram Schools	Nos. (cumulative)	79	106	86	90	90	93
2. Economic Aid								
(i)	For Agriculture	No. of families	1200	17500	2000	3000	3000	4000
(ii)	For Animal Husbandry	„	9984	85000	15000	35000	35000	30000
(iii)	For Cottage Industry	„	3175	38175	..	15000	15000	8000
3. (i) House Sites								
„	„	No. of families (cumulative)	9984	23984	12500	15024	15024	18393
(ii) Drinking Water Wells								
„	„	Nos. do.	519	574	532	552	552	567
SOCIAL WELFARE								
1. Child Welfare								
(a)	Schemes under I Y C	„	..	..	..	..	..	..
(b)	I. C. D. S**	Projects (cum)	11	36	18	23	23	27
(c)	Balawadis	Nos. (cum)	1600	2500	2539	2201	2739	3000
(d)	Creches	„	329	1850	476	476	476	600
2. Women Welfare								
(a)	Training-cum-Production Centres	„	..	100	25	50	50	51
(b)	Hostels for Working Women	„	6	10	10	10	10	10
(c)	Grant to Women for Self Employment	„	2000	12000	5000	6000	7500	10000
3. Welfare of Handicapped								
(a)	Programms for the Blind—No. of Special Schools for the Blind	„	8	9	8	8	8	8
(b)	Programms for the Deaf—No. of Special Schools for the Deaf	„	6	7	6	6	6	6
(c)	Programms for Orthopaedically Handicapped	„						
(i)	Pre-matric Scholarships to the Physically Handicapped	„	1066	..	2500	—	3461	3500

* Includes Town Taluk employment exchanges, E. M. I. units, V. G. Units, Special Cell for S. C. & S. T. and Coaching cum-guidance centre for S. C. & S. T.

** Include Central I. C. D. S.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	(ii) Care Home for Physically Disabled	Nos. (cum)	5	7	..	7	7	7
	(iii) Financial Assistance for Self Employment to the Physically Handicapped	Nos.	400	3400	1000	1600	1600	2200
	(iv) Aids and Appliances to Handicapped @	„	123	1123	323	523	523	746
(d)	Programme for the Mentally Retarded							
	(i) Schools for the Mentally Retarded	Nos. (cum.)	..	1	..	..	..	1
	(ii) Care Homes for the Mentally Retarded	„	2	3	2	2	2	2
	(iii) Care Home for Recovered Mental Patients	„	..	1	..	..	..	..
	(iv) Institute for the Mentally Retarded	„	..	1	..	..	..	1
	(v) Pre-matric Scholarships to the Physically Handicapped	„	11000	4707	5957	5957	5957	7207

@ includes deaf and dumb beneficiaries also.

Minimum Needs Programme—Outlays and Expenditure

DRAFT ANNUAL PLAN 1982-83

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed Outlay	1980-81 Actual expenditure (Preliminary)	1981-82		1982-83	
				Approved Outlay	Anticipated expenditure	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>Rural Roads</i>							
5 RAB 006-007 008-009 010-011	1. Public Works Department including Roads Benefiting Scheduled Castes/Scheduled Tribes	1300.00	380.41	376.00	416.00	424.00	420.00
<i>Elementary Education</i>							
6 GEN 010 S1	1. Additional Enrolment—Departmental Lower Primary Schools—Teacher Cost	100.00	19.39	20.00	20.00	30.00	..
009 S8	2. Opening of New Departmental Lower Primary Schools—Buildings	150.00	30.00	30.00	30.00	34.50	34.50
011 S2	3. Supply of Furniture to New Departmental Lower Primary Schools	35.00	5.00	6.00	6.00	5.00	..
014 S5	4. Additional Enrolment—Departmental Upper Primary Schools—Teacher Cost	100.00	18.57	20.00	20.00	30.00	..
018 S9	5. Opening of the Departmental Upper Primary Schools—Buildings	120.00	30.00	30.00	30.00	36.00	36.00
021 S4	6. Purchase of Furniture for New Departmental Upper Primary Schools	35.00	5.00	6.00	6.00	5.00	..
012 S3	7. Supply of Furniture to Existing Departmental Lower Primary Schools	45.00	4.91	6.00	6.00	5.00	..
015 S6	8. Supply of Furniture to Existing Departmental Upper Primary Schools	45.00	4.98	6.00	6.00	5.00	..
013 S4	9. Improvement of Facilities in Primary Schools	35.00	3.00	6.00	6.00	7.00	..
020 S3	10. Strengthening of Primary Schools	75.00	6.28	10.00	10.00	10.00	..
016 S7	11. Replacement and Addition in Departmental School Buildings	100.00	9.00	10.00	10.00	15.00	15.00
017 S9	12. Minimum Site and Buildings for Schools run in Rented Buildings	100.00	25.00	25.00	25.00	30.00	30.00
019 So	13. Appointment of Primary School Teachers from among Scheduled Castes/Scheduled Tribes	10.00	4.40	2.00	2.00	2.00	..
022 S5	4. Additional Enrolment—Non-Government Lower Primary Schools—Teacher Cost	165.00	30.50	30.00	30.00	34.00	..
023 S6	5. Additional Enrolment—Non-Government Upper Primary Schools—Teacher Cost	175.00	47.40	30.00	30.00	35.00	..
005 00616	16. Tribal Sub Plan	90.00	18.19	15.00	15.00	19.50	15.00
0011 17	17. Work Experience Programme in Primary Schools*	10.00	..	..	..	2.00	..
024 S7	18. Removal of Backwardness including Education of Girls	15.00	3.05	3.00	3.00	4.00	..
028 S1	9. Pre-Primary Education—Building for Pre-Primary Institution	15.00	0.23	3.00	3.00	4.00	2.00
Sub Total—Elementary Education		1420.00	264.90	258.00	258.00	313.00	132.50
03-4 S9	Secondary—Additional Enrolment—Departmental Secondary Schools—Teacher Cost	180.00	52.59	30.00	30.00	36.00	..
Sub Total —Education		1600.00	317.49	288.00	288.00	349.00	132.50
Adult Education		50.00	25.00	10.00	10.00	10.00	..

*Out of the total provision of Rs. 6 lakhs for 1982-83, only Rs. 2 lakhs is provided under MNP.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
RURAL HEALTH							
<i>A. Allopathy</i>							
<i>1. Public Health Centres</i>							
6 HEA 001	(a) Strengthening of Public Health Centres and Opening New Public Health Centres	350.00	64.50	60.50	55.50	65.50	36.50
	(b) Special Component Plan for Scheduled Castes	55.00	..	5.00	..	10.00	4.00
	(c) Tribal Sub Plan	..	..	..	..	2.00	1.00
004 2.	(a) Rural Dispensaries, Government Dispensaries in Backward Areas	90.00	25.00	15.00	30.00	22.00	..
	(b) Special Component Plan for Scheduled Castes	60.00	..	10.00	10.00	17.00	3.00
	(c) Tribal Sub Plan	..	..	..	..	3.00	0.50
002 3.	(a) Drugs for Existing Sub-Centres and Institutions	105.00	20.00	17.00	20.00	20.00	..
	(b) Special Component Plan for Scheduled Castes	21.00	..	3.00	5.00	4.00	..
	(c) Tribal Sub Plan	..	..	..	..	1.00	..
003 4.	Mobile Medical Units for Tribal Block—Attappady	15.00	2.50	2.50	2.50	3.00	1.00
005 5.	Community Health Scheme (State Share)	61.00	5.50	13.00	13.00	13.00	..
	Sub Total—Allopathy	757.00	117.50	126.00	136.00	160.50	46.00
<i>Other System of Medicine</i>							
<i>B. Ayurveda</i>							
081 1.	(a) Opening of New Dispensaries	40.00	8.00	9.00	16.50	13.00	2.00
	(b) Special Component Plan for Scheduled Castes	15.00	..	3.00	3.00	5.00	1.00
	(c) Tribal Sub Plan	3.00	..	..	..	1.00	..
082 2.	Upgrading Dispensaries into Hospitals	14.00	4.00	4.00	6.00	4.10	..
083 3.	(a) Opening New Ayurvedic Hospitals in Rural Areas	20.00	4.00	3.00	4.50	5.00	1.00
	(b) Special Component Plan for Scheduled Castes	9.00	..	1.00	1.50	3.00	0.50
084 4.	Construction of Buildings to Ayurveda Hospitals, Dispensaries and increasing Bed Strength	18.00	3.50	3.50	7.00	5.00	4.00
085 5.	Construction of Nurses Quarters to Hospitals in Rural Areas	13.00	5.00	5.00	5.00	..	..
086 6.	Starting of Mobile Dispensaries	5.00	1.00	1.00	2.00	0.90	..
	Sub Total—Ayurveda	137.00	25.50	29.50	45.50	37.00	8.50
<i>C. Homoeopathy</i>							
083 1.	(a) Rural Dispensaries	40.00	5.25	6.00	6.00	8.00	2.50
	(b) Special Component Plan for Scheduled Castes	20.00	..	2.00	2.00	2.00	1.00
	(c) Tribal Sub—Plan	..	..	..	..	1.00	..
	Sub Total—Homoeopathy	60.00	5.25	8.00	8.00	11.00	3.50
	Total—Rural Health	954.00	148.25	163.50	189.50	208.50	58.00
<i>Rural Water Supply</i>							
	1. Piped Water Supply	4350.00	381.74	646.00	646.00	768.10	516.30
6 SWS 072 2.	(a) Open Dug Wells	50.00	10.00	10.00	10.00	10.00	..
	(b) Do. Special Component Plan	80.00	20.00	20.00	20.00	18.75	..
	(c) Do. Tribal Sub Plan	20.00	..	..	..	6.25	..
	Total—Rural Water Supply	4500.00	411.74	676.00	676.00	803.10	516.30

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			
RURAL HOUSING										
64	G1	019	1.	(a) Settlement of Agricultural Labourers in Government Poramboke Lands	12.50	2.50	2.499	2.499	2.50	} 3.30
				(b) Do. Special Component Plan	10.00	2.50	2.50	2.00	2.00	
				(c) Do. Tribal Sub Plan	2.50	..	..	..	0.50	
		020	2.	(a) Construction of Houses for Rural Workers	300.00	65.00	9.00	132.00	35.00	} 27.50
				(b) Do. Special Component Plan	50.00	..	1.00	..	7.00	
		3.	026	Assistance to Kerala State Development Corporation for Scheduled Castes and Scheduled Tribes—Housing Programme	400.00	75.00	75.00	75.00	85.00	56.00
		018	4.	(a) Provision of House Sites for Landless Workers in Rural Areas	237.50	45.00	45.00	45.00	47.50	} 56.00
				(b) Do. Special Component Plan	172.50	35.00	35.00	35.00	34.50	
				(c) Do. Tribal Sub Plan	15.00	..	..	..	3.00	
Total—Rural Housing]					1200.00	225.00	169.999	291.499	217.00	142.80
ENVIRONMENTAL IMPROVEMENT OF SLUMS										
6	UDT	026		Slum Improvement in Municipal/City Corporation Areas	600.00	65.00	65.00	65.00	75.00	46.00
NUTRITION										
6	NUT	001	1.	Direction and Administration	7.50	0.50	0.50	0.50	0.70	..
			2.	Programme for Pre-School Children						
		002	(i)	(a) Special Nutrition Programme	294.00	46.00	62.00	62.00	60.00	—
				(b) Do. Special Component Plan	116.00	36.00	20.00	20.00	53.00	..
		006	(ii)	Tribal Sub Plan	20.00	4.00	4.00	4.00	18.00	..
		004	(iii)	(a) Health Based Nutrition Programme	48.00	10.00	9.50	9.50	8.00	1.50
				(b) Do. Special Component Plan	2.00	..	0.50	0.50	0.50	..
				(c) Do. Tribal Sub Plan	..	..	..	..	2.00	..
		005	(iv)	(a) Applied Nutrition Programme	320.00	67.00	60.999	61.00	66.00	..
				(b) Do. Special Component Plan	30.00	..	6.00	6.00	20.00	..
				(c) Do. Tribal Sub Plan	..	..	..	..	2.00	..
		003	(v)	(a) Special Feeding Programme One Meal a Day Programme*	267.50	80.00	16.00	16.00	10.00	..
				(b) Do. Special Component Plan*	} 200.00	80.00	30.00	30.00	68.00	..
				(c) Do. Tribal Sub Plan*		..	..	..	10.00	..
		007	3.	(a) Programme for School Children School MidDay Meals Programme	87.00	16.50	15.00	15.00	10.80	..
				(b) Do. Special Component Plan	8.00	..	1.50	1.50	8.00	..
				(c) Do. Tribal Sub Plan	..	..	..	..	1.00	..
Total—Nutrition					1400.00	340.00	225.559	226.00	328.00	1.50
GRAND TOTAL—MINIMUM NEEDS PROGRAMME					11604.00	1912.82	1974.498	2161.999	2424.60	1317.10

• Of the total provision of Rs. 158 lakhs only Rs. 88 lakhs is provided under MNP for 1982-83

Draft Annual Plan 1982-83—Targets and Physical Achievements—Physical Programmes

Minimum Needs Programme

Sl. No.	Head of Development	Unit	Sixth Five Year Plan		1980-81 Achievements	1981-82		1982-83 Target
			1979-80 Base Year Level	1984-85 Terminal Year Target		Target	Anticipated Achievement	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	<i>Rural Roads</i>							
(a)	Length Public Works Department	Kms. (Cumulative)	1948	3579	2338	3248	2688	3038
(b)	Village Connected:							
(i)	With a Population of 1500 and above	No.	Almost all the villages are connected by roads maintained either by					
(ii)	With a Population between 1000-1500	"	Public Works Department or by other agencies like community					
(iii)	With a Population below 1000	"	Development Blocks, Panchayats, Forest Department etc.					
2.	<i>Elementary Education</i>							
(a)	Class I to V (Age-group 6-11 years) enrolment	'000 (Cumulative)	3228	3258	3205	3215	3206	3230
(b)	Class VI-VIII (Age-group 11-14 years) enrolment	"	1591	1691	1570	1610	1624	1635
3.	<i>Rural Health</i>							
(a)	Primary Health Centres	No.	163	200	163	169	170	175
(b)	Subsidiary Health Centres	(Cumulative)	..	..	..	..	..	..
(c)	Sub Centres	"	1808	3600	1878	2008	2050	2100
(d)	Rural Hospitals (Total Hospitals)	"	558	708	588	638	638	675
4.	<i>Rural Water Supply</i>	No.						
(a)	No. of Problem Villages	(Cumulative)	935	900	930	30*	30*	925
(b)	Villages Covered	"	504	630	529	565	565	605
(c)	Population Covered	Lakhs	38.15	43.50	40.51	41.80	41.80	43.10
(d)	No. of Villages covered by	(Cumulative)						
(i)	Piped Water Supply	do.	614	780	644	695	695	720
(ii)	Wells	No.	800	880	825	845	845	1178
5.	<i>Rural Housing</i>	No.						
(a)	Rural House-Sites	(Cumulative)	3000	17450	9700	9800	16700	24900
(b)	Rural House-Sites-cum-Hut Construction	"	1125	36122	6125	8925	9425	10475
(c)	Village Housing Projects	"	934	1212	990	1045	2029	2309
6.	<i>Environmental Improvement of Slums</i>	No.						
(a)	Cities Covered	(Cumulative)	8	58	15	15	26	38
(b)	Beneficiaries under Special Nutrition Programme	No.	25400	150000	2400	30000	30000	36000
7.	<i>Nutrition</i>							
(a)	(i) Beneficiaries under special Nutrition Programme	No. '000s.	69	200	100	120	120	150
(ii)	Tribal Sub Plan	"	6	10	6	7	7	8
(b)	Beneficiaries under Mid-day Meals Programme	"	2060	2150	2100	2110	2110	2120
(c)	Beneficiaries under Applied Nutrition Programme	"	628	850	689	736	736	786
(d)	One meal-a-day Programme	"	500	..	..	..	..	..
(e)	Beneficiaries under Health Nutrition Programme	"	130	150	130	140	140	145

* No. of villages partially, covered.

DRAFT ANNUAL PLAN 1982-83
Centrally Sponsored Schemes—Outlays

(Rs. lakhs)

Sl. No. and Code No.	Name of the Scheme/Project	Sixth Five Year Plan 1980-85 Agreed outlay	1980-81 Actual Expenditure (Preliminary)	1981-82		1982-83 Proposed Outlay	Remarks
				Allocation	Anticipated Expenditure		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
A. SCHEMES HAVING 100 PER CENT CENTRAL ASSISTANCE							
<i>Agriculture</i>							
1 AGR 001 c9	1. Community Nursery Programme for Rice	37.00	4.86	7.00	7.00	7.00	
1 AGR 002 c0	2. Control of Mahali Disease on Arecanut	1.00	..	..	..	..
	3. Kerala Agricultural University						
1 AGR 004 c2	(a) Fully Financed IGMR Scheme	100.00	..	15.00	15.00	15.00	
1 AGR 005 c3	(b) National Agricultural Research Project	500.00	..	150.00	150.00	150.00	
	Sub Total	638.00	4.86	172.00	172.00	172.00	
<i>Soil And Water Conservation</i>							
1 SWC 006 c9	1. Soil Conservation in Water sheds of Malampuzha, Sabarigiri, Neriya-mangalam, Idukki and Neyyar	200.00	..	50.00	50.00	50.00	
1 SWC 007 c0	2. Establishment of Sediment Monitoring Stations	400.00	..	50.00	50.00	50.00	
	Sub Total	600.00	..	100.00	100.00	100.00	
<i>Special Area Programme for Rural Development</i>							
1 SAR 009 1.	1. Accelerated Development of Western Ghats*	1400.00	222.81	242.00	317.00	350.00	
<i>Animal Husbandry</i>							
1 AHY 087 c6	1. A.I.C.R.P. on Epidemiological Studies on Foot and Mouth Diseases	4.60	0.68	0.80	0.80	1.00	I.C.A.R. Scheme with 75 per cent assistance
<i>Dairy Development</i>							
1 AHY 009 c2	1. Progeny Testing Schemes for Selection of Breeding Bulls	43.00	7.16	7.50	8.65	8.92	Assistance from Indian Dairy Corporation
1 EDT 146	2. Operation Flood II	2000.00	90.00	380.00	380.00	380.00	
	Sub Total	2043.00	97.16	387.50	388.65	388.92	
<i>Community Development and Panchayats</i>							
1 CDT 011 c6	1. Functional Literacy Programme	100.00	15.00	15.00	15.00	20.00	
1 CDT 013 c8	2. (a) Promotion and Strengthening of Yuvak Mandals	6.00	0.90	1.50	1.50	1.50	
	(b) Promotion and Strengthening of Yuvak Mandals—Special component Plan for Scheduled Castes and Scheduled Tribes	0.60	0.10	0.10	0.10	0.10	
	Sub Total	106.60	16.00	16.60	16.60	21.60	
<i>Co-operation</i>							
2 COP 014 c1	1. Agriculture Credit Stabilisation Fund						
	(a) Subsidy	40.00	7.50	7.50	7.50	7.50	
	(b) Loan	10.00	2.50	2.50	2.50	2.50	
2 COP 015 c0	2. Assistance to Cadre Fund of Re-organised Base Level Credit Institutions	0.50	0.50	..	..	..
2 COP 017 c2	3. Development of Consumers Co-operation—Centrally Sponsored Scheme						
	(i) Subsidy	11.20	0.22	2.75	2.75	2.50	
	(ii) Share	23.25	0.50	4.65	4.65	37.55	
	(iii) Loan	95.05	49.12	30.70	6.81	19.50	
	Sub Total	180.00	54.34	48.10	24.21	69.55	

* Special Assistance outside State Plan

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>Power</i>							
1 POW	018 c1	1. Idukki-Udmailpet 220 K.V. Line SC	63.00	67.20	13.00	50.00	40.00
		2. Cannanore-Mangalore 220 KV Line DC	152.00	..	..	..	..
		3. Trivandrum-Thuckalai 110 KV Line DC	109.24	..	..	..	..
Sub Total			324.24	67.20	13.00	50.00	40.00
<i>Village and Small Scale Industries</i>							
4 VSI	021 c5	1. Nucleus Cell for Census	5.00	1.578	1.50	1.50	2.00
4 VSI	020 c4	2. Interest Subsidy to Engineering Entrepreneurs	5.00	0.135	1.00	1.00	1.00
4 VSI	023 c7	3. Central Investment Subsidy to Industrial Units in Backward Areas	750.00	125.124	..	125.00	150.00
Sub Total			760.00	126.837	2.50	127.50	153.00
<i>Handloom Industry</i>							
4 VSI	022 c6	1. Export Production Project of Handloom	15.00	4.250	10.00	10.00	3.00
		2. Setting up of Printing-cum-Dyeing Unit	..	..	..	20.00	20.00
Sub Total			15.00	4.250	10.00	30.00	23.00
NEW SCHEMES							
<i>Coir Industry</i>							
		1. Kerala State Co-operative Coir Marketing Federation	..	..	..	15.00	18.00
<i>Large and Medium Industries</i>							
		1. Starting of New Co-operative Spinning Mills	-	..	..	25.00	20.00
<i>Roads and Bridges</i>							
5 RAB	024 c6	1. Roads of Inter-State Importance Improvement of Punalur-Schencottah Road	2500.00	23.00	40.00	40.00	100.00
<i>Water Transport</i>							
		1. Badagara-Mahc Canal	350.00	..	..	..	25.00
<i>General Education</i>							
6 GEN	025 c0	1. Adult Education	800.00	25.00	75.00	75.00	90.00
6 GEN	026 c1	2. Education Technology Cell	12.00	..	2.00	2.00	2.50
6 GEN	124 c0	3. Population Education in Secondary Schools*	15.00	..	4.00	6.00	3.00
Sub Total			827.00	25.00	81.00	83.00	95.50
<i>Technical Education</i>							
6 TEN	027 c4	1. Post Graduate Courses in Engineering College, Trivandrum	100.00	21.65	16.00	22.00	25.00
6 TEN	027 c5	2. Post Graduate Courses in Engineering College, Trichur	50.00	10.25	10.00	11.00	15.00
Sub Total			150.00	31.90	26.00	33.00	40.00
<i>Public Health</i>							
6 HEA	031 c0	1. Family Welfare Programme	5040.00	582.00	728.32	728.32	1074.00
6 HEA	029 c8	2. Programme for Higher Education, Research and Training (I.S.M.)	117.40	15.00	25.60	10.00	11.00
6 HEA	031 c1	3. Establishment of I.S.M. Pharmacies	25.00	5.00	5.00	5.00	5.00
6 HEA	030 c9	4. Regional Cancer Centre, Trivandrum (New Scheme)	1250.00	..	300.00	..	360.00
6 HEA	126 c6	5. Leprosy Control‡	45.00	4.00	9.20	..	18.90
6 HEA	129 c9	6. National Programme for prevention and Control of Visual Impairment‡	100.00	24.00	20.00	..	20.00
Sub Total			6577.40	630.00	1088.12	743.32	1488.90

* Schemes having 75 per cent Central Assistance.

‡ Transferred from schemes having 50 per cent Central Assistance.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>Sewerage and Water Supply</i>							
6 SWS	033 c5	1. Investigation Cell and Monitoring Cell for Accelerated Rural Water Supply Scheme	15.00	2.58	3.00	3.00	5.00
6 SWS	034 c6	2. Accelerated Rural Water Supply Scheme	2000.00	324.33	400.00	400.00	400.00
Sub Total			2015.00	326.91	403.00	403.00	405.00
NEW SCHEME							
<i>Housing</i>							
		1. Subsidised housing scheme for Plantation labour	..	8.00	..	9.00	7.00
<i>Urban Development</i>							
6 UDT	035 c1	1. Project Site Selection Methodology for Locating Industries in Rural Areas	5.00	0.37	0.80	0.50	1.00
<i>Welfare of Scheduled Castes, Scheduled Tribes and other Backward Classes</i>							
6 WBC	037 c5	1. Post Matric Scholarships	250.00	41.00	45.00	60.00	40.00
6 WBC	038 c6	2. Integrated Area Development Programme (Tribal Area Sub Plan)	800.00	40.00	165.00	48.00	60.00
Sub Total			1050.00	81.00	210.00	108.00	100.00
<i>Social Welfare</i>							
6 SWE	039 c9	1. Integrated Child Development Scheme	600.00	32.00	75.00	75.00	75.00
6 SWE	040 c0	2. Functional Literacy Programme for Adult Women	60.00	6.50	9.00	15.00	15.00
Sub Total			660.00	38.50	84.00	90.00	90.00
<i>Economic Advice and Statistics</i>							
7 EAS	144 c1	1. Economic Census and Surveys*	25.00	4.30	4.30	4.30	5.00
7 EAS	041 c7	2. Irrigation Statistics	2.00	2.00	..	..	..
Sub Total			27.00	6.30	4.30	4.30	5.00
Total (A) Schemes having 100 per cent Central Assistance			20232.84	1765.117	2929.72	2780.88	3714.47
B. N.C.D.C. SCHEMES--CO-OPERATION							
2 COP	042	1. Subsidy to Marketing Federation for T and P Cell	10.00	0.79	2.00	1.00	1.00
..	045	2. N.C.D.C. Schemes to Consumer Co-operatives					
		(i) Subsidy	7.65	5.93	1.52	1.52	1.00
		(ii) Share	38.50	38.64	7.70	7.70	14.00
		(iii) Loan	39.10	17.76	8.45	8.45	28.00
..	046	3. Loan for Construction of Godown under the Scheme for Co-operative Storage	182.20	30.79	40.35	40.00	45.00
..	047	4. Loan (Margin money) to Kerala State Co-operative Marketing Federation	400.00	100.00	75.00	75.00	75.00
..	059	5. Subsidy towards Construction of Godowns by Tribal Co-operatives	15.00	..	1.88	1.88	5.00
..	050	6. Loan (Margin Money) to Kerala Rubber Marketing Federation	200.00	30.00	30.00	30.00	30.00
..	052	7. Share Capital Contribution to Marketing Co-operatives in Co-operatively Developed States	25.00	5.00	5.00	5.00	5.00
..	049	8. Debentures of Land Mortgage Banks	1.00	1.00	..	..	..
..	051	9. Assistance to Co-operative Credit Institutions for Provision of Non-overdue Cover	0.50	0.50	..	..	..
..	053	10. Loans for Revitalisation of selected Marketing Co-operatives	50.00	2.50	10.00	10.00	12.00

* Transferred from schemes having 50 per cent central Assistance.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2 COP 054 11.	RAIDCO—Margin Money	10.00	10.00	5.00	5.00	10.00	
„ 055 12.	Loan Assistance to Marketing and Processing Co-operatives for Installation of New Processing Units/Rehabilitation of Existing Units	200.00	18.53	30.00	30.00	39.00	
„ 048 13.	CAMPCO—Margin Money	150.00	33.00	45.00	45.00	50.00	
„ 056 14.	Assistance Under N.C.D.C. New Schemes						
	(i) Share	10.00	..	1.00	..		
	(ii) Loan	25.00	..	2.00	..		2.00
„ 057 15.	Assistance to Tribal-Co-operatives:—						
	(i) Subsidy	12.50	0.50	1.00			
	(ii) Share	50.00	5.00	5.00	8.00	107.50	
	(iii) Loan	25.00	2.00	2.00			
„ 058 16.	Financial Assistance to Poultry Co-operatives						
	(i) Share	10.00	2.00	2.00			
	(ii) Loan	10.00	2.00	2.00	2.00	2.00	
17.	Preparation of Project Report Subsidy to Marketing Co-operatives	..	..	0.49	0.49	0.10	
	Sud Total	1471.45	305.94	277.39	271.04	426.60	
	<i>Handloom Industry</i>						
4 VSI 043 1.	Construction of Workshop for Primary Weavers Co-operative Society	185.00	..	37.00	37.50	37.50	
044 2.	Construction of Godowns	15.00	..	3.00	3.00	1.00	
3.	Others	2.00	..	..	..	..
	Sub Total	202.00	..	40.00	40.50	38.50	
	Total B—N.C.D.C. Aided Schemes	1673.45	305.94	317.39	311.54	465.10	

C. UNICEF AIDED SCHEMES

	Special Area Development Programme						
	Scheme for Social Input in Area Development	500.00	..	..	..	50.00	
	<i>Community Development</i>						
KDI 060 1.	Assistance to Mahilasangams and Youth Clubs for Production Programme	30.00	6.00	7.00	8.40	9.00	
061 2.	Training Programme	5.00	8.60	1.00	1.00	1.00	
063 3.	Purchase and Supply of Garden Tools	10.00	2.00	2.50	2.50	2.50	
062 4.	Awards to Mahilamandals	5.00	0.75	1.00	1.00	1.00	
064 5.	Purchase of Seeds, Seedlings and Fertilizers	15.00	2.00	2.50	2.50	2.50	
065 6.	Composite Programme for women and Pre-School Children for the Purchase of Toys and Equipments	4.37	4.37	..	..	..
	Total (C) —UNICEF Aided Schemes	569.37	23.72	14.00	15.40	66.00	

D. SCHEMES HAVING 50 PER CENT CENTRAL ASSISTANCE

	<i>Agriculture</i>						
1. AGR068 1.	Package Programme for Coconut	168.14	54.74	35.00	35.06	36.60	
071 2.	Production and Distribution of T X D Seedlings	24.00	7.00	4.50	5.18	5.62	
074 3.	Rejuvenation of disease affected and Unproductive Coconut Plantation	120.00	12.50	25.00	25.00	23.00	
066 4.	Eradication of Pests and Disease of Crops in Endemic Areas	50.00	8.18	10.50	10.00	10.00	
069 5.	Production Programme for pulses	49.62	3.40	11.28	5.88	7.82	
077 6.	Planting of Cashew in Private Sector	61.00	15.92	20.00	20.00	22.00	
080 7.	Layout of Cashew Demonstrations	40.44	8.12	6.00	9.00	7.82	
8.	Coconut Research-Grant-in-aid	10.00	10.00	..	..	..

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
078	9. Establishment of Progeny garden for Cashew	13.90	3.00	3.00	3.42	3.92	
	NEW SCHEMES						
073	10. Production and Distribution of Quality Coconut Seedlings	550.00	95.38	100.00	126.47	120.00	Government of India's approval not yet received. Therefore full expenditure for 1981-82 accommodated within state budget, Central Assistance for remaining period of Sixth Five Year Plan anticipated
072	11. Spraying for the Control of Coconut leaf Disease	1015.00	157.20	250.00	50.00	120.00	
075	12. Comprehensive Coconut Development Programme	1426.96	105.74	230.00	230.00	240.00	
	Sub Total	3529.06	481.18	695.28	520.01	596.78	
	<i>Special Agricultural Development Unit</i>						
1.	Scheme for Coconut Development	69.69	12.52	14.11	14.11	14.61	
	NEW SCHEMES PROPOSED						
2.	Hybrid Coconut Seed Garden	..	..	..	6.29	5.65	
3.	Development of Cashew	..	..	..	0.83	0.66	
	Sub Total	69.69	12.52	14.11	21.23	20.92	
	<i>Land Reforms</i>						
7 EAS 145	1. Payment of Grants to Individual Assignees under the Scheme for payment of financial Assistance for Development and Cultivation of Land Declared as Surplus as a Result of Imposition of Land Ceiling	100.00	11.00	20.00	20.00	60.00	
	<i>Soil and Water Conservation</i>						
1 SWC 083	1. Soil Conservation in the Catchment of River Valley Project, Kundah	250.00	30.00	30.00	48.00	60.00	
	NEW SCHEMES PROPOSED						
	2. Propagation of Water conservation/ Harvesting Technology in the Rainfed Dry Land Areas in Palghat District	..	..	..	5.00	6.00	
	Sub Total	250.00	30.00	30.00	53.00	66.00	
	<i>Special Area Programme for Rural Development</i>						
1 SAR 086	1. Command Area Development	1450.00	38.56	240.00	15.42	223.00	
099	2. IRDP in all Blocks (DRDA)	4900.00	300.00	850.00	864.00	1208.00	
100 and 101	Sub Total	6350.00	338.56	1090.00	879.42	1431.00	
	<i>Animal Husbandry</i>						
1 AHY 088	1. Rinderpest Eradication	10.40	1.30	1.60	1.60	2.00	
090	2. Control of foot and Mouth Diseases—Vaccination	41.50	11.92	8.50	8.50	10.00	
089	3. Special Livestock Production Programme (Subsidy to Calves, Assistance to SF/MF/AL for Poultry, Piggery, etc.)	242.00	49.74	60.00	60.00	80.00	
087	4. AICRP on Epidemiological Studies of Foot and Mouth Diseases	2.30	0.34	0.80	0.80	0.50	
	Sub Total	296.20	63.30	70.90	70.90	92.50	
	<i>Fisheries</i>						
1 FSH 116 Co	1. Development of Vizhinjam Fishing Harbour	614.00	144.00	144.00	144.00	100.00	
117 Cl	2. Development of Neendakara Harbour	370.00	40.00	50.00	50.00	100.00	
091 C6	3. Development of Fish Landing Centres	100.00	14.00	16.00	16.00	16.00	
092 C7	4. Fish Farmers' Development Agency	30.00	5.86	6.00	6.00	6.00	
	Sub Total	1114.00	203.86	216.00	216.00	222.00	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>Forests</i>							
1 FOR 096 C9 1.	Project Tiger	75.00	12.00	12.00	6.00	12.00	
„ 095 C8 2.	Development of National Parks (Eravikulam Sanctuary)	15.00*	5.00	5.00	2.50	6.00	
„ 097 Co 3.	Conservation of Lion Tailed Monkey	4.75	1.50	6.00	3.00	6.00	
„ 094 C7 4.	Forestry Research Schemes	0.002	0.002	0.002	0.001	..	
093 C6 5.	Soil Invertebrates and Break Down of Tiltar in the Tropical Wet Evergreen Moist Deciduous Forests	0.002	0.002	0.002	0.001	..	
NEW SCHEME PROPOSED							
6.	Fuel wood plantations (Social forestry)	..	..	..	..	14.00	
Sub Total		94.754	18.504	23.004	11.502	38.001	
<i>Community Development and Panchayats</i>							
1 CDT 102 1.	National Rural Employment Programme (NREP)	4800.00	1623.00	1200.00	1640.00	1448.00	
SMALL SCALE INDUSTRIES							
4 VSI 115 Co 1.	<i>District Industries Centres</i>						
	(i) Direction and Administration	500.00		60.00			
	(ii) Rural Industries Co-operative Societies in Project Areas	10.00		1.00			
	(iii) Other Development Schemes (Rural Artisans Programme)	120.00	161.74	24.00	199.68	185.60	
	(iv) Loans for Machinery and Buildings (General)	200.00		12.00			
	(v) Loans for Machinery and Buildings S.C./S.T.	20.00		3.00			
NEW SCHEMES PROPOSED							
2.	Central Tool Room at Palghat and Ernakulam	..	..	..	..	20.00	
3.	Field Testing Stations	..	..	..	..	6.00	
4.	Nucleous Industrial Complex	..	..	..	..	30.00	
Sub Total		850.00	161.74	100.00	199.68	241.60	
<i>Handloom Industry</i>							
4 VSI 105 C6 1.	Managerial Assistance to Primary Handloom Society	50.00	13.10	10.00	10.00	10.00	
„ 114 C9 2.	Share Capital Loans to Weavers in Primary Societies	10.00	2.00	1.00	1.00	1.20	
„ 106 C7 3.	Modernisation of Looms	20.00	14.72	8.00	8.00	8.00	
„ 107 C8 4.	Purchase and Distribution of Looms to Loomless weavers	30.00	0.70	4.00	4.00	5.70	
„ 110 C5 5.	Strengthening of Share Capital Base of Apex Society	80.00	14.00	14.00	14.00	19.00	
„ 111 C6 6.	Government Participation in the share Capital of the Primary Weavers Co-operative Society	90.00	5.74	10.00	10.00	22.00	
„ 113 C8 7.	Kerala State Handloom Development Corporation	60.00	14.00	14.00	14.00	14.00	
8.	Subsidy for Rebate on sale of Handloom Cloth	400.00	182.82	180.00	260.00	212.00	
NEW SCHEMES							
9.	Expansion and Organisation of Industrial (factory type) Co-operatives	100.00	9.14	32.00	70.00	40.64	
10.	Organisation of Handloom Weavers Co-operative Societies for S.C./S.T.	60.00	8.78	14.00	14.00	16.94	
Sub Total		900.00	263.00	287.00	405.00	349.48	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>Roads and Bridges</i>							
5 RAB 119 C0 1.	Roads of Economic Importance— Improvement of Trivandrum—Kovalam Road	20.00	2.00	4.00	4.00	16.00	
<i>Water Transport</i>							
15 WRT 120C5 1.	Inland Canal Schemes	400.00	30.00	50.00	40.00	50.00	
<i>Education</i>							
6 GEN 121 C7 1.	Appointment of Hindi Teachers in non-Hindi Speaking States	64.00	23.32	20.00	20.00	24.00	
6 SWE 140 C1 2.	Integrated Education of the Handicapped	10.00	1.76	2.75	3.00	3.00	
6 GEN 123 C9 3.	Experimental Project for Non-formal Education (Age Group 9-14)	100.00	10.80	20.00	20.00	20.00	
6 GEN 122 C8 4.	N.C.E.R.T. Assisted Schemes	8.00	..	3.00	3.00	3.20	
	Sub Total	182.00	35.88	45.75	46.00	50.20	
<i>Health</i>							
6 HEA 125 C5 1.	Re-orientation of Medical Education	110.00	40.00	20.00	20.00	20.00	
.. 127 C7 2.	Community Health Workers Scheme	122.00	11.00	26.00	26.00	26.00	
.. 126 C6 3.	Control of Communicable Diseases	266.00	56.00	46.00	24.00	29.50	
.. 128 C8 4.	N.M.E.P.	130.00	26.00	26.00	10.00	10.00	
.. 130 C2 5.	Training and Employment of Multi-purpose Workers	140.00	10.00	25.00	25.00	28.00	
	Sub Total	768.00	143.00	143.00	105.00	113.50	
<i>Urban Development</i>							
6 UDT 131 C8 1.	Improvement and Development of Small, Medium and Intermediate Towns	700.00	150.00	150.00	150.00	150.00	
<i>Labour and Labour Welfare</i>							
6 LLW 132 C4 1.	Implementation of Agricultural Minimum Wages Act.	10.00	..	6.00	6.00	6.00	
<i>Welfare of Scheduled Castes/Scheduled Tribes</i>							
6 WBC 133 C1 1.	Girls Hostels	76.00	18.04	15.00	15.00	19.30	
.. 134 C2 2.	Coaching and Allied Schemes	20.00	3.00	4.00	4.00	4.84	
.. 135 C3 3.	Setting up of Machinery for the Enforcement of Untouchability Offences Act	30.00	4.00	6.00	6.00	7.00	
.. 136 C4 4.	Pre-matric Scholarships of Children of those who Engaged in Unclean occupations	5.00	1.00	1.00	1.00	0.02	
.. 137 C5 5.	Research Training and Special Projects	100.00	18.00	24.00	..	20.00	
.. 138 C6 6.	Book Banks to Medical and Engineering Students	10.00	2.00	2.00	2.00	2.00	
.. 139 C7 7.	Rehabilitation of Bonded Labourers	30.00	4.24	6.00	6.00	16.00	
	Sub Total	271.00	50.28	58.00	34.00	63.16	
<i>Social Welfare</i>							
6 SWE 141 C2 1.	Placement of Handicapped	15.00	3.00	3.00	3.00	3.00	
.. 142 C3 2.	Orphanages—Care of Destitute Children	20.00	4.00	4.00	20.00	10.00	
	Sub Total	35.00	7.00	7.00	23.00	13.00	
<i>Economic Advice and Statistics</i>							
7 EAS 143 C0 1.	Timely reporting Surveys on Agricultural Statistics	380.00	62.00	62.00	77.28	86.60	
Total (D)—SCHEMES HAVING 50 PERCENT CENTRAL ASSISTANCE		21119.704	3688.824	4272.044	4522.022	5120.741	

STATEMENT 5

DRAFT ANNUAL PLAN 1982-83

State Plan Outlays under Special Component Plan for Scheduled Castes

S.C.P.—1

Sl. No.	Head of Development	Sixth Plan 1980-85			Annual Plan 1980-81 Actual Expenditure (Provisional)			Annual Plan 1981-82 Anticipated Expenditure			Annual Plan 1982-83		
		Agreed State Plan Outlay	Flow to S.C.P.	% to total outlay	State plan Outlay	Flow to S.C.P.	% to total Outlay	State Plan Outlay	Flow to S.C.P.	% to total Outlay	State Plan Outlay	Flow to S.C.P.	% to total Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Agriculture	9994.00	721.00	7.21	1160.24	76.39	6.58	1710.28	72.40	4.23	1653.00	105.50	6.38
2	Land Reforms	3070.00	95.00	3.10	519.50	3.81	0.73	611.00	28.00	4.58	720.00	33.00	4.58
3	Minor Irrigation	4000.00	200.00	5.00	613.47	22.44	3.65	660.00	30.00	4.54	798.00	57.00	7.13
4	Soil Conservation	1029.00	133.00	12.90	176.69	41.67	23.54	209.50	33.00	15.75	216.00	20.60	9.54
5	Special Area Programme for Rural Development	3485.00	1150.00	33.00	370.62	1.00	0.27	504.71	176.00	34.85	806.50	254.50	31.56
6	Animal Husbandry	1517.00	90.00	5.93	281.52	33.57	11.92	310.00	22.57	7.28	372.00	26.75	7.19
7	Dairy Development	721.00	35.00	4.90	114.84	3.26	2.83	180.00	8.60	4.78	216.00	11.55	5.35
8	Fisheries	2000.00	48.00	2.40	406.20	0.77	0.19	463.10	8.90	1.92	555.00	16.00	2.89
9	Forests	1862.00	18.00	1.00	285.75	26.00	9.09	284.50	..	..	342.00	4.00	1.17
10	Community Development	4140.00	536.00	12.90	1287.00	41.36	3.21	2105.45	138.05	6.55	1104.00	176.75	16.01
11	Co-operation	2200.00	220.00	10.00	995.41	18.14	1.82	962.00	391.50	40.69	486.00	50.05	10.39
12	Power	31273.00	1650.00	5.28	6940.00	46.57	0.67	6410.00	230.00	3.60	6000.00	130.00	2.17
13	Village and Small Scale Industries	4980.00	390.00	7.83	865.51	33.74	3.89	1348.39	65.00	4.82	1171.00	79.05	6.75
14	Roads	6600.00	550.00	8.30	1347.00	202.90	15.06	1485.00	155.00	10.43	1620.00	120.00	7.41
15	General Education	4120.00	49.00	1.19	877.11	6.28	0.71	944.50	12.00	1.27	1080.00	10.80	1.00
16	Technical Education	700.00	7.00	1.00	187.07	0.30	0.16	156.65	3.50	2.23	288.00	3.00	1.04
17	Health	3655.00	190.00	5.18	675.78	13.93	2.06	825.70	23.50	2.78	900.00	44.60	4.96
18	Sewerage and Water Supply	9050.00	1121.00	12.38	1290.14	116.20	9.00	1345.00	172.00	12.79	1740.00	201.75	11.59
19	Housing	4300.00	310.00	17.00	1349.01	69.30	5.14	1237.50	171.50	13.85	1177.00	205.50	17.46

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
20	Urban Development	1900.00	355.00	18.70	297.00	65.00	21.88	300.00	65.00	21.67	360.00	75.00	28.33
21	Information and Publicity	90.00	1.00	1.11	16.00	0.25	1.57	56.20	0.25	0.44	16.00	0.25	1.57
22	Labour and Labour Welfare	297.00	14.00	4.70	652.00	130.00	19.94	100.00	5.30	5.30	120.00	7.30	6.08
23	Social Welfare	467.00	58.00	12.40	75.84	0.55	0.72	123.16	9.40	7.64	90.00	4.30	4.78
24	Nutrition	1700.00	815.00	47.90	340.00	113.25	33.31	340.00	120.00	35.29	408.00	149.50	36.64
25	Welfare of Scheduled Castes/Scheduled Tribes	2500.00	1800.00	72.00	486.86	396.97	81.51	420.86	318.65	75.68	522.00	368.58	70.60
6	Others (Non-Divisible)	48890.00	..	..	8295.92	..	..	8917.95	..	..	10360.01	..	..
	Total	155040.00	11056.00	7.13	29906.48	1463.65	4.89	32011.45	2260.12	7.04	33120.51	2155.78	6.51

STATEMENT—6

DRAFT ANNUAL PLAN 1982-83

Special Component Plan—Physical Targets

Statement SCP-2

Sl. No.	Items	Unit (No. of families)	Five Year Plan Pro- jected Target	1980-81 Achievement (Provisional)	1981-82 Anticipated achievement	1982-83 Proposed Target
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Agriculture	No. of families	25000	105582	49000	42000
2	Land Reforms	No. of beneficiaries	6000	361	1200	2000
3	Minor Irrigation	No. of works	780	..	130	180
4	Soil and Water Conservation	do.	350	60	90	60
5	Special Area Programme for Rural Development:					
	(i) Development of Backward Areas	No. of families	1500	..	250	250
	(ii) I. R. D.	do.	142350	2000	34560	92500
6	Animal Husbandry	No. of families	88950	39206	28500	20000
	(i) Poultry Distribution	Nos.	100000	9000	28340	25000
	(ii) Distribution of Goats	Nos.	7000	1000	1000	1200
	(iii) Distribution of Cross Bred Cows/Heifers	Nos.	1500	200	340	500
7	Dairy Development	No. of families	52000	850	9920	16210
8	Fisheries	do.	1800	760	450	150
9	Forests	do.	2500	1500	..	750
10	Community Development	do.	165000	39000	54210	42020
11	Co-operation:					
	(i) No. of Harijan Societies		257	232	257	257
	(ii) No. of families		90650	17114	28500	30000
12	Power Development—Colonies/Settlements electrified	Nos.	651	239	298	145
13	Village and Small Scale Industries	No. of beneficiaries	39600	..	4820	7500
	Harijan Entrepreneurs Assisted	No.	1500	652	325	400
14	Roads & Bridges	No. of works	650	148	363	300
15	General Education	No. of beneficiaries	25000	4000	4600	6800
16	Technical Education	do.	400	496	100	670
17	Medical, Public Health and Sanitation	Hospital/Dispensaries opened	15	5	3	6
18	Sewerage & Water Supply	No. of Colonies/Settlements	950	55	250	150
	Water Supply to Colonies/Settlements	Nos.	..	..	..	..
	E. S. P. Type Latrines	No. of families	75000	29400	15000	20000
19	Housing	do.	15000	2300	3850	3760
20	Labour & Labour Welfare					
	(i) Employment	do.	90000	15000	10000	12000
	(ii) Training	do.	1500	150	250	300
21	Welfare of Scheduled Castes/Scheduled Tribes and other Backward Classes:					
	(i) Education	No. of beneficiaries	131758	22429	24659	27700
	(ii) Economic uplift	do.	15000	24550	19102	10540
	(iii) Others	do.	25500	5300	4500	4683

DRAFT ANNUAL PLAN—1982-83

State Plan Outlays under Tribal Sub-Plan—T.S.P.1

(Rs. lakhs)

S. No.	Head of Development	Sixth Plan (1980-85)			1980-81 (Actuals)			1981-82 Anticipated Expenditure			1982-83 Proposed Outlay		
		State Plan Outlay (Divisible)	Flow to Tribal Sub Plan	% to total Outlay	State Plan Outlay (Divisible)	Flow to Tribal Sub Plan	% to Total Outlay	State Plan Outlay (Divisible)	Flow to Tribal Sub Plan	% to total Plan Outlay	State Plan Outlay (Divisible)	Flow to Tribal Sub Plan	% to Total Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Agriculture	5965.00	117.20	1.18	1056.43	11.50	0.99	857.61	17.56	1.03	697.51	22.76	1.37
2	Land Reforms	625.00	..	..	17.00	..	..	95.00	..	..	170.00	7.00	9.71
3	Minor Irrigation	3300.00	100.00	2.50	580.50	8.10	1.32	590.00	9.00	1.36	610.00	10.00	1.25
4	Soil Conservation	571.00	40.00	3.87	152.50	..	..	152.50	10.00	4.77	130.98	7.00	3.24
5	Special Area Programme for Rural Development	3485.00	65.00	1.86	350.00	3.00	0.81	600.00	23.00	4.56	806.50	44.00	5.45
6	Animal Husbandry	1404.00	51.00	3.29	213.97	29.70	10.55	283.25	11.14	3.59	284.50	14.60	3.92
7	Dairy Development	407.00	13.00	1.80	124.00	3.00	2.61	145.20	3.90	2.17	161.00	5.30	2.44
8	Fisheries	1094.00	10.00	0.50	344.90	0.50	0.12	256.50	5.00	1.08	378.11	1.00	0.18
9	Forests	1043.00	210.00	11.28	179.50	21.50	7.52	154.00	22.00	7.73	229.00	34.70	10.14
10	Community Development	3050.00	60.00	1.45	1183.00	19.80	1.54	799.00	16.02	0.76	810.23	26.18	2.38
11	Co-operation	1230.00	65.00	2.95	235.60	9.70	0.97	362.97	14.50	1.51	347.50	15.00	3.08
12	Power	21672.00	214.00	0.69	182.00	30.00	0.43	3515.00	65.00	1.01	2270.00	32.00	0.53
13	Village and Small Scale Industries	3705.00	25.00	0.50	529.78	4.45	0.51	631.12	5.68	0.42	590.22	7.92	0.68
14	Roads	3730.00	200.00	3.03	932.21	54.00	4.01	529.00	30.00	2.02	941.50	65.00	4.01
15	General Education	2050.00	90.00	2.43	361.20	18.95	2.16	205.90	17.50	1.85	462.00	22.20	2.06
16	Technical Education	167.00	1.00	0.40	87.62	..	..	21.50	0.20	0.13	48.35	0.50	0.17
17	Health	1600.00	53.00	1.45	316.63	9.35	1.38	357.25	13.10	1.59	365.25	15.20	1.69
18	Sewerage and Water Supply	4781.00	218.00	2.41	1412.00	38.00	2.95	608.00	50.00	3.72	804.10	58.25	3.34
9	Housing	2900.00	90.00	1.87	886.00	14.00	1.04	935.00	15.50	1.25	837.00	24.00	2.03
20	Urban Development	600.00	..	..	182.00	..	..	76.50	..	..	76.50	..	..
21	Information and Publicity	10.50	0.25	0.28	4.85	0.10	0.63	8.75	0.10	0.18	3.25	..	..
22	Labour and Labour Welfare	127.00	4.50	1.51	1619.00	12.20	1.87	52.51	0.70	0.70	58.00	0.70	0.58
23	Social Welfare	292.00	5.00	1.07	68.65	0.64	0.84	64.00	1.50	1.22	60.20	1.00	1.11
24	Nutrition	1692.00	91.00	5.35	333.50	9.70	2.85	290.00	16.40	4.82	407.30	33.00	8.07
25	Welfare of Scheduled Castes/Scheduled Tribes	2450.00	650.00	26.00	481.50	59.75	12.27	435.00	106.20	25.23	494.00	127.36	24.40
Total		67951.00	2372.95	1.53	11834.34	357.94	1.19	12025.56	454.00	1.42	12043.00	574.67	1.73

STATEMENT—8

DRAFT ANNUAL PLAN 1982-83

Tribal Sub Plan—Physical Targets**Statement TSP. 2**

Sl. No.	Item	Unit	Sixth Plan		1980-81 Achievement	1981-82		1982-83 Proposed Target
			1979-80 Base Year Level	1984-85 Terminal Year Target		Target	Anticipated Achievement	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Agriculture	No. of Families	..	7500	1720	1250	1250	8000
2	Minor Irrigation	No. of Works	..	60	9	10	10	350
3	Soil and Water Conservation	No. of Works	..	30	..	5	5	20
4	Special Area Programme for Rural Development	No. of Beneficiaries	..	2850	400	450	4000	5500
5	Animal Husbandry	No. of Families	1513	12000	4000	5100	5100	5200
	(i) Distribution of Poultry	No.	4610	50000	10000	10000	10000	12000
	(ii) Distribution of Goats	„	507	2250	450	450	450	520
	(iii) Distribution of Cows	„	53	750	100	100	100	60
6	Dairy Development	No. of Families	..	515	100	60	60	160
7	Fisheries	do.	..	..	10	5	5	50
8	Forests	do.	420	12500	2100	4000	4000	4500
9	Community Development and Panchayats	do.	..	7000	400	1550	1550	7600
10	Co-operation	No. of Societies	41	41	41	41	41	41
11	Power Development	No. of Beneficiaries	1702	175	45	45	50	60
12	Roads and Bridges	No	41	325	40	55	55	63
13	Medical, Public Health and Sanitation	Mobile Medical Units	..	3	3	3	3	3
14	Sewerage and Water Supply	No. of Works	37	230	60	50	50	40
15	Housing	No.	210	1500	210	300	300	638
16	Labour and Labour Welfare	No. of Beneficiaries	..	9500	2000	2500	2500	2000
17	Nutrition	do.	6000	20000	6000	8000	8000	5000

STATEMENT 9

DRAFT ANNUAL PLAN 1982-83

Major and Medium Irrigation—Outlay and Expenditure

(a) STATEMENT IF. 1

State: KERALA

(Rs. in lakhs)

Sl. No.	Name of Scheme	Approved Estimated Cost (Year)	Latest Estimated Cost (Year)	Expenditure to end of 1979-80	Sixth Plan (1980-85) Outlays	1980-81 Actual Expenditure	1981-82		1982-83 Proposed Outlays
							Approved Outlays	Anticipated Expenditure	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
A. PRE-SIXTH PLAN SCHEMES:									
II. Irrigation Projects:									
(a) Major Projects:									
1	Kallada	..	17600	3429.89	14000	1095.75	2000	2000	2638
2	Pamba	4297 (1980)	4297	2794.16	1500	333.47	400	400	400
3	Muvattupuzha	..	3760	476.82	1320	363.88	290	290	300
4	Periyar Valley	3971 (1980)	3971 (1980)	2558.33	1250	404.03	220	220	275
5	Chimoni	..	1441	277.41	660	91.14	140	140	140
6	Chitturpuzha and Moolathara	..	1600	941.64	340	67.39	100	100	100
7	Kanhirapuzha	..	3200	1631.96	1510	415.92	350	350	350
8	Kuttiadi	..	3970	3292.16	680	342.81	160	160	177
9	Pazhassi	4200 (1980)	4200	2348.58	1850	615.79	450	450	500
Total (a)		..	44039	17750.95	23110	3730.18	4110	4110	4880
(b) Medium Schemes:									
1	Attappady	..	1600	248.63	375	100.34	55	55	65
2	Karapuzha	760 (1978)	1200	234.64	375	145.71	50	50	60
Total (b)		..	2800	483.27	750	246.05	105	105	125
(c) Modernisation Schemes									
Total (c)		..	..	94.47	200	35.60	40	40	40
B. NEW SCHEMES OF SIXTH PLAN									
II. Irrigation Projects:									
(a) Major Projects									
1	Idamalayar	..	2241	18.47	600	12.40	110	110	150
2	Kuriarkutty—Karappara	..	2685	3.49	140	20.58	30	30	30
3	Beyyporepuzha (Areacode)	..	1061	1.36	75	3.56	10	10	15
4	Kakkadavu	..	2600	28.95	200	39.67	30	30	30
Total (a)		..	8587	52.27	1015	76.21	180	180	225
(b) Medium Schemes									
1	Meenachil	..	3500	0.65	45	1.19	10	10	20
2	Banasurasagar	..	1137	42.24	75	60.00	5	5	5
3	Vamanapuram	..	3712	11.54	55	2.47	10	10	20
Total (b)		..	8349	54.43	175	63.66	25	25	45
C. WATER DEVELOPMENT SERVICES									
(Survey, Investigation and Research)									
GRAND TOTAL (A+B+C)		..	63775	18502.12	25605	4180.63	4500	4500	5400

DRAFT ANNUAL PLAN 1982-83

Major and Medium Irrigation Projects—Phasing of outlays

State: KERALA

(b) STATEMENT IF. 2

(Rs. in lakhs)

Sl. No.	Name of Project	Total Sixth Plan (1980-85) Outlay	Phasing of Outlays (Rs. 5400) for 1982-83				
			1980-81 (Actual Expenditure)	1981-82 (Anticipated Expenditure)	1982-83 (Proposed Outlay)	1983-84 (Outlay)	1984-85 (Outlay)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
A. MAJOR PROJECTS:							
(a) Ongoing Projects:							
1	Kallada	14000	1096	2000	2638	3780	4486
2	Pamba	1500	333	400	400	367	..
3	Muvattupuzha	1320	364	290	300	220	146
4	Periyar Valley	1250	404	220	275	190	161
5	Chimoni	660	91	140	140	140	149
6	Chitturpuzha & Moolathara	340	67	100	100	73	..
7	Kanhirapuzha	1510	416	350	350	220	174
8	Kuttiadi	680	343	160	177	..	..
9	Pazhassi	1850	615	450	500	215	70
Total (a)		23110	3729	4110	4880	5205	5186
(b) New Schemes:							
1	Edamalayar	600	12	110	150	160	168
2	Kuriarkutty-Karappara	140	21	30	30	30	29
3	Beyyorepuzha	75	4	10	15	20	26
4	Kakkadavu	200	40	30	30	40	60
Total (b)		1015	77	180	225	250	283
B. MEDIUM PROJECTS:							
(a) Ongoing Schemes:							
1	Attappady	375	100	55	65	70	85
2	Karapuzha	375	146	50	60	50	69
Total (a)		750	246	105	125	120	154
(b) New Schemes:							
1	Vamanapuram	55	2	10	20	15	8
2	Meenachil	45	1	10	20	10	4
3	Banasurasagar	75	60	5	5	3	2
Total (b)		175	63	25	45	28	14
C. MODERNISATION		200	36	40	40	40	44
D. WATER DEVELOPMENT SERVICES (RESEARCH, SURVEY AND INVESTIGATION)		355	29	40	85	95	106
GRAND TOTAL (A+B+C+D)		25605	4180	4500	5400	5738	5787

DRAFT ANNUAL PLAN 1982-83

Major and Medium Irrigation Projects—Benefits, Targets and Achievements

C. STATEMENT IF. 3

State: KERALA

('000 Ha.)

Sl. No.	Name of Scheme	Districts to be benefited	C.C.A. (net)	Ultimate Irrigation Potential (Gross)	Cumulative Benefits to the end of											
					1979-80 (Actual)		1980-81 (Actual)		1981-82 (Anticipated)		1982-83 (Target)		1983-84 (Target)		1984-85 (Target)	
					Potential	Utilisation	Potential	Utilisation	Potential	Utilisation	Potential	Utilisation	Potential	Utilisation	Potential	Utilisation
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
A. COMPLETED SCHEMES																
I. Major Schemes :																
1.	Chalakudy	Ernakulam	26.680	39.380	39.380	27.258	39.380	27.258	39.380	27.258	39.380	27.258	39.380	27.258	39.380	27.258
2.	Pecchi	& Trichur	25.500	23.168	23.168	23.918	23.168	23.918	23.168	23.918	23.168	23.918	23.168	23.918	23.168	23.918
3.	Malampuzha	Palghat	29.463	42.090	42.090	40.208	42.090	40.208	42.090	40.208	42.090	40.208	42.090	40.208	42.090	40.208
4.	Neyyar	Trivandrum	10.042	17.952	17.952	16.176	17.952	16.176	17.952	16.176	17.952	16.176	17.952	16.176	17.952	16.176
5.	Pothundy	Palghat	8.792	10.930	10.930	10.046	10.930	10.046	10.930	10.046	10.930	10.046	10.930	10.046	10.930	10.046
6.	Gayathri	Palghat	7.651	10.930	10.930	10.114	10.930	10.114	10.930	10.114	10.930	10.114	10.930	10.114	10.930	10.114
7.	Walayar	Palghat	4.536	6.470	6.470	6.506	6.470	6.506	6.470	6.506	6.470	6.506	6.470	6.506	6.470	6.506
8.	Vazhani	Trichur	7.668	7.130	7.130	4.226	7.130	4.226	7.130	4.226	7.130	4.226	7.130	4.226	7.130	4.226
9.	Mangalam	Palghat	4.813	6.880	6.880	6.608	6.880	6.608	6.880	6.608	6.880	6.608	6.880	6.608	6.880	6.608
10.	Cheerakuzhy	Trichur	2.268	2.828	2.828	1.746	2.828	1.746	2.828	1.746	2.828	1.746	2.828	1.746	2.828	1.746
Total (I)			134.416	167.758	167.758	146.806	167.758	146.806	167.758	146.806	167.758	146.806	167.758	146.806	167.758	146.806
B. PRE-6TH PLAN SCHEMES																
I. Major Schemes :																
1.	Kallada	Quilon	88.087	92.000	..	..	..	..	8.20	8.20	21.00	21.00	33.70	33.70	50.50	50.50
2.	Pamba	Quilon &	17.806	41.683	28.500	28.500	35.700	34.089	42.70	42.70	44.70	44.70	46.70	46.70	46.70	46.70
3.	Muvattupuzha	Alleppey	20.880	52.200	..	..	..	..	..	..	..	..	2.00	2.00	8.00	8.00
4.	Periyar Valley	Ernakulam & Alleppey	36.500	85.600	49.200	49.200	49.200	51.158	54.20	54.20	69.30	69.30	87.50	87.50	87.50	87.50
5.	Chimoni	Trichur	13.000	26.200	..	..	..	..	..	..	6.00	6.00	14.00	14.00	22.20	22.20
6.	Chitturpuzha	Palghat	17.287	32.550	30.900	30.900	31.300	31.463	31.50	31.50	31.80	31.80	31.80	31.80	31.80	31.80
7.	Kanjirapuzha	Palghat	9.713	21.863	..	..	4.000	2.716	8.60	8.60	14.60	14.60	17.60	17.60	20.50	20.50
8.	Kuttiadi	Calicut	25.495	31.161	20.700	20.700	25.800	22.394	33.70	33.70	33.70	33.70	33.70	33.70	33.70	33.70
9.	Pazhassi	Cannanore	22.255	82.374	3.400	3.400	7.400	6.946	11.70	11.70	17.70	17.70	23.70	23.70	30.60	30.60
Total (I)			251.023	415.631	132.700	132.700	153.400	148.466	190.600	190.600	238.800	238.800	290.70	290.70	331.50	331.50

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
II. Medium Schemes:																
1.	Attappady	Palghat	5.187	8.047	..	..	..	..	..	..	..	..	..	..	..	..
2.	Karapuzha	Calicut	5.580	9.300	..	..	..	..	..	..	..	..	2.00	2.00	7.00	7.00
Total (II)			10.767	17.347	..	..	..	..	..	..	..	..	2.00	2.00	7.00	7.00
Total B (I & II)			261.790	432.978	132.700	132.700	153.400	148.466	190.600	190.600	238.800	238.800	292.700	292.700	338.500	338.500
C. NEW SCHEMES OF SIXTH PLAN:																
I. Major Schemes:																
1.	Idamalayar	Ernakulam	13.659	39.380	..	..	..	..	..	..	..	..	..	..	2.00	2.00
2.	Kuriarkutty-Karappara	Palghat	..	23.472	..	..	..	..	..	..	..	..	..	..	..	..
3.	Beyporepuzha	Calicut	..	13.624	..	..	..	..	..	..	..	..	..	..	..	..
4.	Kakkadavu	Cannanore	16.700	26.106	..	..	..	..	..	..	..	..	..	..	..	..
Total (I)			30.359	102.582	..	..	..	..	..	..	..	..	..	..	2.00	2.00
II. Medium Schemes:																
1.	Vamanapuram	Trivandrum	9.60	24.250	..	..	..	..	..	..	..	..	..	..	..	..
2.	Meenachil	Kottayam	..	22.000	..	..	..	..	..	..	..	..	..	..	..	..
3.	Banasurasagar	Calicut	..	4.800	..	..	..	..	..	..	..	..	..	..	..	..
Total (II)			9.600	51.050	..	..	..	..	..	..	..	..	..	..	..	..
Total C (I & II)			39.959	153.632	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL (A+B+C)			436.165	754.368	300.458	279.506	321.158	295.272	358.358	337.406	406.558	385.606	460.458	439.506	508.258	487.306

DRAFT ANNUAL PLAN 1982-83

Major and Medium Irrigation, Flood Control and Anti-Sea ErosionState KERALA
Employment

(Additional Employment)

(Absolute No. or Nos) (Mandays)

(g) Statement IF 8

(Lakh Mandays)

	Sixth Plan 1980-85 Target	1980-81 (Actual)	1981-82 Anticipated	1982-83 Target	1980-85	1980-81 Actual	1981-82 Anticipated	1982-83 Targets
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A. Engineers								
(a) Graduate Engineers	3230	470	642	748	7.700	0.840	0.840	1.540
(b) Diploma Holders	6460	945	1284	1496	4.400	0.480	0.480	0.880
B. Skilled Workmen and Skilled Labourers	64000	10250	11250	13125	27.500	3.000	3.000	5.500
C. Unskilled labourers	320000	51250	56250	65625	137.500	15.000	15.000	27.500

DRAFT ANNUAL PLAN 1982-83

Irrigation Schemes Benefiting the Drought Prone Areas

(h) Statement IF.9

NIL

DRAFT ANNUAL PLAN 1982-83

Irrigation Schemes Benefiting the Tribal Areas and Backward Classes

(i) Statement IF.10

(Rs. in lakhs)

Sl. No.	Name of Scheme	District or Taluks to be Benefi- ted	Latest Estimated Cost	Expendi- ture upto 1970-80	Sixth Plan (1980-85) Outlay	1980-81 Actual Expendi- ture	1981-82 Anticipated Expendi- ture	1982-83 Proposed Outlays
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
I. TRIBAL AREAS SUB PLAN								
1.	Attappady Valley Irrigation Project	Palghat	1600	248.63	375	100.34	55	65
II. BACKWARD AREAS SUB PLAN								
NIL								

DRAFT ANNUAL PLAN 1982-83

Irrigation Schemes benefiting the Tribal Area and Backward Classes

State KERALA

(j) Statement 1 F. 11

(Major and Medium Schemes)

Cumulative Benefits to end of ('000 ha. Gross)

Sl. No.	Name of Scheme	Dist./Tahsils to be benefitted	C.C.A	Ultimate Irrigation Potential	Cumulative 1979-80 Actual		1980-81 Actual		1981-82 Anticipated		1982-83 Target	
					Pot.	Utl.	Pot.	Utl.	Pot.	Utl.	Pot.	Utl.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
I. TRIBAL SUB PLAN												
	Attappady Irrigation Project	Palghat	5187	8047	..	..	..	..	..	..	..	..
II. BACKWARD AREAS SUB PLAN (Programmes Benefiting Scheduled Castes and Dispersed Tribals)												
NIL												

DRAFT SIXTH FIVE YEAR PLAN 1980-85

Water rates for the Principal Crops

(k) Statement IF 12

State: KERALA

Sl. No.	Name of crop	Water Rates in Rs./ha.	Date of Enforcement of Present Water Rates	Proposals, if any under Consideration Regarding Revision of Water Rates.
(1)	(2)	(3)	(4)	(5)
(i)	Lands already registered as single crop wet lands and on which 2 paddy crops could be raised	62	1975	..
(ii)	Lands already registered as single crop wet lands on which more than two paddy crops could be raised	99	..	..
(iii)	Other lands already registered as wet lands and on which two paddy crops could be raised	66	..	..
(iv)	Other lands already registered as wet lands and on which more than two paddy crops could be raised	99	..	..
(v)	Lands made fit for cultivation and on which only one paddy crop could be raised	37	..	..
(vi)	Lands made fit for cultivation and on which two paddy crops could be raised	62	..	..
(vii)	Lands made fit for cultivation on which more than two paddy crops could be raised	99	..	..
(viii)	Other lands benefited	62	..	..

DRAFT ANNUAL PLAN 1982-83

Financial Returns from Irrigation Projects

(l) Statement IF. 13

State: KERALA

Nil

DRAFT ANNUAL PLAN 1982-83

Maintenance of Major and Medium Irrigation Projects & Flood Control

(m) Statement IF. 14

State: KERALA

(1)	(2)	Major and Medium Irrigation		Flood Control
		Total Area Irrigated Thousand ha.	Maintenance Grant (Rs. lakhs)	Maintenance Grant (Rs. lakhs)
(1)	(2)	(3)	(4)	(5)
1.	1979-80 (Actual)	279.506	48.89	60.62
2.	1980-81 (Actual)	295.272	40.00	44.46
3.	1981-82 (Anticipated)	337.406	40.00	55.50
4.	1980-85 (Proposed)	487.306	200.00	715.00
5.	1982-83 (Proposed)	487.306	200.00	150.00

DRAFT ANNUAL PLAN 1982-83—MINOR IRRIGATION PROGRAMME

State: KERALA

(n) Statement IF. 15

(Rs. lakhs)

Sl.No.	Name of Programme	Latest Estimated cost (whichever applicable)	Expenditure by the end of 1979-80	1980-81 Actual	1981-82		1982-83
					Approved Outlay	Anticipated Expenditure	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I. PUBLIC SECTOR OUTLAYS—SURFACE SCHEMES (SPILLOVER AND NEW):							
1.	Lift Irrigation Schemes	801.535	112.600	116.706	150.00	150.00	175.00
2.	Other Surface Minor Irrigation Schemes	1459.980	278.216	298.986	380.00	380.00	420.00
3.	Other Schemes under Minor Irrigation:						
	(a) Repairs Caused to M.I. Structures	300.000	11.889	7.015	24.00	24.00	74.00
	(b) Construction and Deepening Wells and Tanks	..	0.271	0.200	1.00	1.00	1.00
	(c) Irrigation Facilities to Drought Prone areas	..	1.464	1.859	Nil	Nil	Nil
	(d) Special Repairs to Rectify Flood Cyclone Damages	..	31.398	Nil	Nil	Nil	Nil
	(c) Investigation	..	0.749	1.058	10.00	10.00	10.00
	Total	..	436.587	425.824	565.00	565.00	680.00

DRAFT ANNUAL PLAN 1982-83—SELECTED PHYSICAL TARGETS FOR MINOR IRRIGATION PROGRAMME

(o) Statement IF. 16

State: KERALA

(Thousand Hectares)

Sl.No.	Item	Achievement upto end of 1979-80	1980-81 Actual	1981-82		1982-83	1980-85
				Target	Anticipated	Target	Target
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	POTENTIAL FROM						
	(a) Surface Schemes						
	(i) Net	121.944	9.294	8.810	8.810	8.490	47.640
	(ii) Gross	142.116	10.888	11.240	11.240	10.590	56.955
2.	UTILISATION FROM						
	(a) Surface Schemes						
	(i) Net	121.944	9.294	8.810	8.810	8.490	47.640
	(ii) Gross	142.116	10.888	11.240	11.240	10.590	56.955

DRAFT ANNUAL PLAN 1982-83—MAINTENANCE OF MINOR IRRIGATION WORKS

(p) Statement IF. 17

State: KERALA

Sl.No.	Period	Total Area Irrigated in Thousand Ha.	Maintenance Grant Rupees in lakhs	
			Surface Water Schemes	Ground Water Schemes
(1)	(2)	(3)	(4)	(5)
1.	1979-80 (Actual)	121.944	153.36	Nil
2.	1980-81 (Actual)	131.238	163.791	Nil
3.	1981-82			
	(a) Target	140.048	150.00	Nil
	(b) Anticipated	140.048	175.00	Nil
4.	1982-83 (Proposed Target)	148.538	200.00	Nil
5.	1980-85 (Target)	169.584	1300.00	Ni

DRAFT ANNUAL PLAN—1982-83

Minor Irrigation Programme—Requirement of Material & Energy

(a) Statement I F. 18

State: KERALA

(Metric Tonnes)

Sl.No/No.	Period	Cement	Steel	Coal
(1)1)	(2)	(3)	(4)	(5)
1 1.	1980-81 (Actual)	15,500	638	Nil
2 2.	1981-82 (Anticipated)	18,650	850	Nil
3 3.	1982-83 (Proposed)	22,440	1020	Nil
4 4.	1980-85 (Proposed)	1,08,900	4950	Nil

DRAFT ANNUAL PLAN—1982-83

Minor Irrigation Programme

(r) Statement IF. 19

State: KERALA

Employment Potential (Lakh Mandays)

Sl.No/No.	Item	1980-81 Actual	1981-82 Anticipated	1982-83 Proposed	1980-85
(1)1)	(2)	(3)	(4)	(5)	(6)
1 1.	ENGINEERING				
	(a) Graduates	0.595	0.791	0.952	4.620
	(b) Diploma Holders	0.340	0.452	0.544	2.620
2 2.	Skilled Workmen	2.125	2.825	3.400	16.500
3 3.	Unskilled Workmen	10.625	14.125	17.000	82.500

STATEMENT 10

EMPLOYMENT CONTENT OF STATE PLAN 1982-83—OUTLAYS AND EXPENDITURE, TARGETS AND ACHIEVEMENTS

Statement EMP 1 and 2

Sl. No.	Project/Programme/ Scheme	Direct Employment Generation											
		1980-85 Approved Outlay (Rs. lakhs)	1980-81 Actual Expenditure (Rs. lakhs)	1981-82 Anticipated Expenditure (Rs. lakhs)	1982-83 Proposed Outlay (Rs. lakhs)	1980-85 Target		1980-81 Actual		1981-82	Anticipated	1982-83 Target	
						Construction (lakh person days)	Continuing (person years)	Construction (lakh person days)	Continuing (person years)	Construction (lakh person days)	Continuing (person years)	Construction (lakh person days)	Continuing (person years)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Agriculture	14659.00	1863.49	2521.09	2583.01	1421.63	39170	141.85	5292	181.15	6077	280.88	7818
2	Minor Irrigation	4000.00	613.47	660.00	798.00	144.90	..	23.13	..	24.54	..	29.67	..
3	Soil and Water Conservation	1029.00	176.69	209.50	216.00	142.20	5860	24.59	478	18.88	367	21.97	428
4	Command Area Development	725.00	19.28	7.71	111.50	3.00	..	0.08	..	0.03	..	0.52	..
5	Animal Husbandry	1517.00	281.52	310.00	372.00	11.09	74089	1.84	12230	2.03	13172	2.25	14100
6	Dairy Development	721.00	114.84	180.00	216.00	0.22	2828	0.04	485	0.04	517	0.04	535
7	Fisheries	2000.00	406.20	463.10	555.00	8.86	6356	1.31	1347	2.53	1474	2.21	1430
8	Forests	1862.00	285.75	284.50	342.00	74.50	1079	11.91	172	12.99	188	13.68	198
9	Community Development and Panchayats	4140.00	1287.00	2105.45	1104.00	150.00	41000	25.00	6700	32.00	8000	28.00	7500
10	Special Area Programme for Rural Development	2510.00	301.34	447.00	605.00	112.71	100723	8.17	10346	22.27	15319	26.45	20734
11	Major and Medium Irrigation	23605.00	4180.63	4500.00	5400.00	948.17	..	154.81	..	166.64	..	199.96	..
12	Flood Control and Anti-Sea Erosion	2500.00	331.34	250.00	450.00	90.56	..	12.01	..	9.08	..	16.34	..
13	Power	31273.00	6940.00	6410.00	6000.00	82.52	190	6.50	15	17.39	13	16.42	14
14	Village and Small Industries	4980.00	865.51	1348.39	1171.00	134.28	210000	22.62	36350	24.15	38520	27.81	40890
15	Large and Medium Industries	10820.50	2225.00	2360.00	2534.00	100.14	50000	17.02	9000	18.11	9500	20.06	10000
16	Ports, Light Houses & Shipping	825.00	130.44	346.75	150.00	9.89	..	1.56	..	4.16	..	1.80	..
17	Roads and Bridges	6600.00	1347.00	1485.00	1620.00	140.85	..	28.22	..	30.00	..	34.56	..

1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
18	Education	5020.00	1109.18	1155.15	1362.00	18.63	..	4.12	..	4.29	..	5.05	..
19	Health and Medical	3655.00	675.78	830.00	900.00	18.59	5063	3.44	2122	4.22	800	4.58	800
20	Sewerage & Water Supply	9050.00	1290.14	1345.00	1740.00	200.00	585	39.56	102	40.56	109	34.80	118
21	Housing	4800.00	1349.01	1237.50	1217.00	96.11	650	28.04	108	25.76	116	24.91	131
22	Urban Development	1900.00	297.00	300.00	360.00	20.11	1083	3.87	160	3.92	161	4.06	172
23	Information and Publicity	90.00	16.00	56.20	16.00	0.44	45	0.06	5	0.20	10	0.05	10
24	Labour and Labour Welfare	297.00	652.00	100.00	120.00	4.33	2884	..	376	0.93	477	1.00	485
25	Social Welfare	467.00	73.84	123.16	90.00	6.21	3112	0.61	135	1.55	600	1.13	650
26	Nutrition	1700.00	340.00	340.00	408.00	1.18	160	..	..	0.20	24	0.25	30
27	Public Works	1520.00	310.00	300.00	305.00	40.53	..	8.27	..	8.00	..	8.13	..
Total		144465.50	27484.45	29675.50	30745.51	3981.65	544877	568.63	85423	655.62	95444	806.58	106343



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 DOC. No. 9.2.5
 Date: 15/6/82