

# **ANNUAL REPORT**

**1986-87**



सत्यमेव जयते

**GOVERNMENT OF INDIA  
PLANNING COMMISSION**

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## CHAPTER I

### INTRODUCTION

1.1 Shri G. S. Dhillon, Minister of Agriculture, was appointed as a Member of the Planning Commission on 25 June 1986. Shri Sukh Ram, who joined as Minister of State for Planning on 23 October 1986, was appointed a Member (Ex-Officio) of the Planning Commission with effect from 23 December 1986. Dr. Y. K. Alagh assumed office as a Member of the Planning Commission on 2 February 1987. Shri V. P. Singh, Minister of Defence was appointed as a Member on 5 February 1987. The present composition (February 1987) of the Planning Commission is as follows:

1. Shri Rajiv Gandhi . . . . . Chairman  
Prime Minister
2. Dr. Manmohan Singh . . . . . Deputy Chairman
3. Shri P. V. Narasimha Rao . . . . . Member  
Minister of Human Resource Development
4. Shri V. P. Singh . . . . . Member  
Minister of Defence
5. Shri Buta Singh . . . . . Member  
Minister of Home Affairs
6. Shri G. S. Dhillon . . . . . Member  
Minister of Agriculture
7. Shri Sukh Ram . . . . . Member  
Minister of State for Planning
8. Prof. M. G. K. Menon . . . . . Member
9. Dr. Raja J. Chelliah . . . . . Member
10. Shri Hiten Bhaya . . . . . Member
11. Shri Abid Hussain . . . . . Member
12. Dr. Y. K. Alagh . . . . . Member

1.2 Shri J. S. Bajjal was appointed as Secretary, Planning Commission on 22 June, 1986.

## CHAPTER II

## PARLIAMENTARY COMMITTEE MEETINGS

2.1 During the year under report, the Consultative Committee of Members of Parliament for the Ministry of Planning met five times. The following subjects were discussed in the various meetings:

Date of the Meeting	Subject Discussed
1. 11-2-1986	Education in the Seventh Five Year Plan with special Focus on Vocational Education.  A Seminar on the subject of Vocational Education was held on 22 March 1986 at the National Council of Educational Research and Training (NCERT), New Delhi. Members of the Consultative Committee for the Ministries of Planning and Human Resource Development were invited for the Seminar.
2. 24-6-1986	(i) Presentation on State of India's Environment by Dr. Anil Aggarwal of the Centre for Science and Environment.  (ii) Resumed discussion on Education in the Seventh Five Year Plan with special Focus on Vocational Education.  (iii) Planning and Environment.
3. 12-8-1986	(i) Further discussion on Planning and Environment.  (ii) Supplementary note on "Aspects relating to pollution, prevention and control."
4. 7-11-1986	Plan Performance in 1985-86 and some emerging problem areas in the Seventh Five Year Plan.
5. 17-2-1987	Twenty Point Programme 1986—Point No., 20 relating to 'Responsive Administration'.

## CHAPTER III

### ANNUAL PLANS AND LONG-TERM PLANNING

3.1 Main spheres of activity of the Planning Commission during the year 1986-87 included:

- (i) Monitoring of the Annual Plan 1986-87;
- (ii) Formulation of the Annual Plan 1987-88; and
- (iii) Studies having a bearing on Eighth Plan as well as long-term policy formulation.

#### Monitoring of Annual Plan 1986-87

3.2 The Annual Plan for 1986-87 as approved by the Planning Commission envisaged a total public sector outlay of Rs. 39052 crores for the Centre, States and Union Territories, representing a step-up of 21.1% over the approved outlay of Rs. 32239 crores for the previous year. With a view to maintaining the momentum of investment in the core public sector and accelerating the tempo of implementation of anti-poverty programmes, the Central Plan outlay was fixed at Rs. 22,300 crores, representing an increase of 20.5% over the approved outlay of Rs. 18,500 crores for 1985-86. The plan outlay for the States and Union Territories was fixed at Rs. 16752 crores, implying an increase of 21.9 per cent over the approved outlay of Rs. 13739 crores for 1985-86.

3.3 In order to ensure effective implementation of the Annual Plan, the State Governments, Union Territory Administrations and the Central Ministries were advised to undertake projectisation of the Plan programmes. A system of quarterly budgeting applicable to certain categories of Plan schemes was introduced from the current year with a view to identifying the projects where funds were lying idle and could be diverted to other well-implemented projects requiring larger financial back-up. Quarterly monitoring of financial and physical performance was pursued and strengthened. The progress of vital schemes/projects/sub-sectors of development for which the outlays were earmarked keeping in view the national priorities, was watched and reviewed.

on a continual basis. A fullfledged review of the progress of implementation of the Annual Plan 1986-87 was also undertaken during October'86—January'87 as a part of the annual exercise carried out in connection with the formulation of the next year's Plan and mid-course corrections wherever necessary were advised. On present indications the anticipated Plan expenditure for the Centre, States and Union Territories for 1986-87 is estimated at about Rs. 40,870 crores, showing fulfilment of the financial dimensions of the approved Annual Plan 1986-87.

3.4. The review of the physical performance of the Annual Plan 1986-87 brings out that although the performance of agriculture during the year may turn out to be better than that in 1985-86, the targetted production is unlikely to be realised mainly because the monsoon in 1986-87 was below average for the third consecutive year. The infrastructure sector is expected to witness a growth rate of 9-10 per cent. The growth in the key sectors, such as, electricity, coal and rail traffic is observed to be moving along the lines as planned for 1986-87 and should provide adequate impetus to higher production in industry sector. As a result, an overall industrial growth rate of 7-8 per cent may be realised, indicating near fulfilment of the Seventh Plan target. Thus, with both infrastructure and industrial sectors expected to grow faster, the rate of growth in gross national product in 1986-87 may reach 5 per cent as envisaged in the Seventh Plan. However, against the back-drop of successful implementation of the Annual Plan 1986-87, certain disquieting trends have emerged, which unless controlled, may slacken the process of steady growth. The non-plan expenditure of the Centre and State Governments is rising at a much faster rate than envisaged in the document of the Seventh Plan. The internal resource generation in the public sector is lower than initial expectations. As a result, public sector savings have remained stagnant despite a significant improvement in tax receipts. The balance of payments outlook also remains a cause of concern. Project implementation has been characterised by significant cost and time overruns in some crucial sectors of the economy.

#### Formulation of 1987-88 Annual Plan

3.5. The Planning Commission carried out detailed exercises for the finalisation of the Annual Plan 1987-88 for the Centre, States and Union Territories. Taking into account the overall availability of financial resources, the need to maintain the tempo

of development in different sectors and the strategy to revamp the priority areas of planning such as power transport anti-poverty programmes and education, the Public sector outlay for 1987-88 was approved at Rs. 44,158 crores for the Centre, States and Union Territories, representing a step-up of 13.1 per cent over 1986-87 approved outlay. The overall development scenario as reflected in the sectoral distribution of outlay for 1987-88 is set in the table below:

(Rs. crores)

	Approved Plan Outlay			
	Centre	States	UTs.	Total
Agriculture & Rural Dev.	2730	6660	99	9489
Industry	4713	899	24	5636
Infrastructure.	13929	6297	405	20631
Social Services	3250	4714	438	8402
<b>TOTAL</b>	<b>24622</b>	<b>18570</b>	<b>966</b>	<b>44158</b>

3.6. Infrastructure being pre-requisite for economic growth, highest priority continues to be given to investment in this sector. About 47% of the approved outlay as against 44 per cent in 1986-87 has been earmarked for this sector consisting of energy, transport and communications. Within this sector priority has been accorded to the development of energy sector which accounts for about 30 per cent of the total public sector outlay in 1987-88. A Substantial step up has been made in Central allocation for Education, especially with a view to implementing the new education policy.

#### **Studies having bearing on Eighth Plan and Long-term Policy Formulation**

3.7 The major studies having a bearing on Eighth Plan as well as on long-term policy formulation, initiated during 1986-87, related to energy system, transport model, balance of payments perspective, new industrial policy and fiscal issues. For the development of energy model system, an expert group on energy demand screening worked out long-term projections of demand for different time horizons. The exercises relating to long range technological options in power, coal and oil were completed by the expert groups. These exercises have provided very important conceptual inputs for use in the energy model system. The

detailed supply side optimisation models for the commercial sub-sectors, namely, coal, power and oil, considering the problems of choice within each sub-sector for investment decisions, are being currently developed in collaboration with various public sector organisations.

3.8 The work relating to multi-sectoral and multi-regional transport model aims at preparing a blue-print of long-term investment in transport with a view to meeting the growing transport needs of the economy, subject to minimum resource costs, both physical and financial. A gamut of specialised exercises are currently underway, with the help of various expert groups, covering different aspects of transport modelling, viz. technological options in the transport sector, techniques of cost-benefit evaluation of transport projects, traffic flows, traffic generation, traffic distribution, model-split, optimum network assignment etc.

3.9. The study relating to balance of payment perspective attempted a review of the medium-term outlook in the light of developments in 1985-86. Among other things, it reassessed the external resources constraint having regard to the changes in international economic environment and the likely impact on balance of payments policy. The exercise brought out that despite the recent softening of oil prices, the balance of payments position would not be very comfortable and more vigorous efforts would be needed to promote exports and to contain the growth of imports.

3.10. The study relating to new industrial policy involved a series of sub-studies having bearing on long-term industrial growth. The identification of specific issues, both at the aggregate and sectoral levels, is in progress, with the help of different expert groups.

3.11. The study relating to financial policy issues sought to examine the present state of public finances, trace the emerging trends in the medium as well as long-term context and to identify the major problems of development financing in a non-inflationary manner and the policy changes needed to tackle them.

3.12. The activities of the Planning Commission, as described above, briefly delineate the focal points in the planning process. The details of various activities and exercises carried out by concerned Divisions are discussed under relevant sections.

## CHAPTER IV

### PROGRAMME EVALUATION ORGANISATION

4.1. The Programme Evaluation Organisation (PEO) was set up in 1952 as an independent organisation working under the general guidance and direction of the Planning Commission. It was initially entrusted with the specific task of evaluating the Community Development Programmes and other intensive area development schemes. However, with extension of the Plan programmes for rural development, the Organisation's sphere of work and activities got gradually extended and diversified and in more recent years have come to cover evaluation studies of plan programmes/schemes in a variety of sectors, viz., Agriculture, Cooperation, Rural Industries, Health, Family Welfare, Rural Development, Public Distribution, Tribal Development, etc.

4.2 During the year under review (1986-87) one of the main activities of the PEO continued to be that of carrying out indepth *ex post* evaluation studies in respect of certain selected development programmes with a view to making an assessment of their socio-economic impact on the beneficiaries as also the factors responsible for the success or otherwise of the concerned programmes. Based on the findings of the studies conducted, the reports brought out by the Organisation also indicate the lines and directions along which the programmes studied could be further improved.

4.3 Some of the main activities of the Programme Evaluation Organisation during the year 1986-87 were as indicated below:—

- (i) Early in the year, the Evaluation Report on Family Planning Programme was released. Copies of this study which is of an all-India nature were circulated to the concerned Ministries/Departments in the Central Government as well as the State Governments and action was initiated for the printing and publication of this report.

- (ii) Another evaluation study covering a number of States, namely, that on Integrated Tribal Development Projects was finalised. This study is expected to be released before the close of the financial year.
- (iii) The work on a third study, viz., the Evaluation of National Rural Employment Programme was also continued. The draft report on this study is expected to be completed by the end of the year.

4.4. Apart from the studies released/finalised during the course of the year work for the preparation of reports on two other major studies (i) Evaluation of Social Forestry Programme and (ii) Evaluation of Rural Functional Literacy Programme was continued. It is anticipated that the draft report on one of these studies would be nearly completed by the end of the financial year.

4.5. Side by side with the preparation of the reports on on-going studies, a considerable amount of preparatory work was undertaken for planning and initiating new studies. The new studies planned included:

- (i) Evaluation of Dryland Farming Programme,
- (ii) Evaluation of District Industries Centres Programme,
- (iii) Evaluation of the National Sports Coaching Scheme in a few selected States and
- (iv) Evaluation of Desert Development Programme, with a view to finalising the objectives, scope, study and sampling designs, instruments of observation, and investigation, etc., for the new studies mentioned above at (i) and (ii), two separate Technical Advisory Committees were constituted. After the finalisation of instruments of observation, etc., one of these studies is expected to be launched in the field towards the close of the financial year.

4.6 For some years past, the PEO has also been assisting in conducting and organising training courses in evaluation methodology and techniques for senior supervisory and junior level evaluation personnel. During 1986-87, the PEO collaborated with the Training Division of the Department of Personnel and Training in convening one training course held at the State Planning Institute, Lucknow from July 14 to August 2, 1986.

Another training programme for senior and middle level evaluation personnel is expected to be arranged during 1986-87. At the PEO Headquarters, short-term training was also imparted during the year to two batches of six IES Probationers deputed by the Department of Economic Affairs, Ministry of Finance as also to two trainees nominated by the Statistics and Survey Division of the Planning Commission. In the course of the year some of the officers at the PEO Headquarters also participated as guest speakers in the training courses/seminars organised by certain other organisations/Institutes at their invitation. One of the Officers at the PEO headquarters was also invited by the Central Evaluation Unit of the UNESCO at Paris as an outside expert at its Training Seminar on Evaluation for imparting training to its Programme Specialists during 14-17 October, 1986 and later conducted a workshop on Project Preparation and Evaluation Techniques in Gambia (West Africa) from 2nd November to 2nd December, 1986 as a UNESCO consultant.

## CHAPTER V

### ACTIVITIES OF THE DIVISIONS

5.1. The Divisions of the Planning Commission were engaged in the preparation and finalisation of the Annual Plan Document 1986-87 which was later published and made available to Members of the Lok Sabha and the Rajya Sabha besides being placed in the Library of Parliament.

5.2. Simultaneously, the Divisions were engaged in holding discussions with the State Government/Union Territories and the Central Ministries in finalising the Annual Plan for 1987-88, the third year of the Seventh Five Year Plan.

5.3. The broad activities of the Divisions of the Planning Commission during the year under report are brought out in the following paragraphs:

#### 5.3.1 Perspective Planning Division

(i) The Division prepared the Technical Note on the Seventh Five Year Plan.

(ii) A note on implication of the New Education Policy on the likely level of Plan outlays during the Seventh Plan was prepared in connection with the meeting of the National Development Council.

(iii) A note on "Methodology for computing the resources framework of the country and the National Economy" was prepared.

(iv) A note was prepared on demographic situation and future outlook.

(v) A note giving macro-economic aggregate like Gross Domestic Product, Savings, Net Capital in-flow, Investment, Rates of Savings and Investment and the review of performance in agriculture and industry sectors for the year 1985-86 was prepared for the Annual Plan 1986-87.

(vi) A note relating to the indications of likely resources availability for the different Working Groups for the Eighth Plan was prepared.

(vii) A note on perspective of industrial horizon was prepared.

(viii) A note was prepared on decentralisation of planning.

(ix) A paper on "Universalisation of Elementary Education—Feasibility vis-a-vis Limitations" was prepared.

(x) A paper on "Spheres of investment decision making and financing of investments" was prepared in connection with the meetings of the Planning Experts held in Budapest.

(xi) A paper giving a review of health programmes in various plans was prepared.

(xii) The Division examined and offered comments on (a) the draft chapters of the World Bank Report on Economic Situation and Development Prospects of India (b) The Five Year Plan Document of Bhutan Government and (c) the ISI project on Savings and Investment behaviour of the household sector.

(xiii) A study on disparities in Scheduled Castes and Scheduled Tribes vis-a-vis the rest of the population in the country was also completed.

### **5.3.2. Economic Division**

The Division comprises of two units (i) Economic Growth and Policy (EG&P) Unit and (ii) Socio-Economic Research (SER) Unit.

#### *A. Economic Growth and Policy unit*

(i) This Unit which is primarily concerned with the economic policy issues, was engaged in the analysis and review of the economic situation in the country during 1985-86 and in highlighting the development strategy for 1986-87 for different sectors of the economy, viz.; Agriculture, Infrastructure Industry, Prices, Money and Banking for incorporation in the Chapter for the Annual Plan Document 1986-87. The Unit also examined the Annual Plan proposals for 1986-87 received from

the Department of Civil Supplies and the State/UT Governments in respect of Public Distribution System including setting up of the State level Civil Supplies Corporations and operation of mobile Fair Price Shops for the remote areas.

(ii) The Unit examined the various policy notes received from the different Ministries and prepared Notes for the Cabinet and was actively associated with the functioning of (a) the Essential Commodities Price Surveillance Committee (b) the Secretaries' Committee on Prices, (c) the Quarterly Performance Review Meetings of various Public Sector Undertakings and (d) the national/International seminars and conferences on various economic issues.

(iii) The Unit prepared a number of research papers, viz.; (a) Approach to Eighth Plan—Growth Targets, (b) Multi-Regional Input—Output Model, (c) Budget Deficits—Money Supply and Inflation, (d) Aggregate and Sectoral Growth targets of Industry—Marco Policy environment, (e) An Approach to Eighth Plan—Objectives and (f) Economic Situation and Plan etc.

#### *B. Socio-Economic Research Unit*

(i) This Unit continued to promote research studies on socio-economic problems relevant to the planning process. The Research Advisory Committee (RAC) set up in August 1982, under the Chairmanship of Prof. S. Chakravarty, considered a number of research study proposals received from the Universities/research institutions in the country and also identified the priority areas of research having bearing on Plan formulation and its implementation since the future research work would be concentrated more on issues relating to these identified areas. During the year, the Unit examined 43 proposals for research studies and seminars/conferences received from the researchers for financial assistance and these were submitted to the Research Advisory Committee for its consideration. 19 Research Studies and Seminars/Conferences—details given in Annex I were finally approved by the Advisory Committee upto December 1986, and 22 new research study proposals are in different stages of examination and finalisation. Six on-going studies as indicated at Annex. II have been completed by different research institutions during the year 1986-87. Their reports have been received.

(ii) The programme of giving block grants to the Institute of Economic Growth, Delhi, Department of Economics, University of Bombay and the Gokhale Institute of Politics and Economics, Pune, for long term studies connected with the Plan formulation and implementation continued during the year 1986-87, block grant has also been approved in favour of the National Institute of Public Finance and Policy, New Delhi for conducting research and building up data bank in the field of public finance.

### **5.3.3 International Economic Division**

(i) The Division was involved, above all, in the analysis of policy or strategic issues, and preparing projections, relating to foreign trade and balance of payments. The Division carried out specific studies and prepared papers on policy related matters, projections and forecasting techniques. It brought out a basic paper on balance of payments development and policies. Other technical work included, inter-alia, structural estimates of aggregate export demand and supply elasticities, market clearing analysis of imports, impact of international oil prices on the terms of trade and the inflow of private remittances, methodology for estimation of domestic resource cost and econometric analysis of instability in sugarcane production and the resulting imbalances in the foreign trade in sugar. Also apart from briefs on a number of subjects, including fertiliser import requirements, Export-Import Bank and industrial policy, specific commodity analysis was undertaken in the case of such exports as tea, coffee, iron ore, tobacco, marine products, gems and jewellery, engineering goods, chemicals, leather and leather products and ready-made garments. As part of an exercise for systematic recording analysis and retrieval of export promotion measures, the Division has undertaken comprehensive computerization of relevant information, which involves, among others, detailed codification by SITC classification on cash compensatory support, import replenishment, and duty drawbacks, as well as extension to other quantifiable export systems.

(ii) The Division chaired the Sub-Group on Balance of Payments Statistics of the Standing Committee for Directing and Reviewing Improvement of Data Base for Planning and Policy Making. The Report of the Sub-Group, which has already been submitted, elaborated inter-alia a streamlined system for timely compilation of balance of payments statistics. The

Division also convened the Expert Group on Balance of Payments—Medium Term Outlook and Policy Options; its Report is being finalised. The Division has actively participated in the work of the Expert Group on Harmonizing of Import Licensing with Tariffs, the Expert Group on Communications, the Steering Group on Transport Policy, and the Study Group on Agricultural Price Policy for Balanced Development of Agriculture.

(iii) The Division coordinated work relating to the tenth meeting of the Indo-Soviet Planning Group held in Moscow, the fifth meeting of the Indo-GDR Group of Planning held in Berlin, the first meeting of the Indo-Hungarian Group of Planning Experts in Budapest and the Seminar on Long-Term Planning Cooperation between India and Pakistan held in Islamabad. The Division prepared background documentation for these meetings, including theme paper on 'Development Policy in India' which was discussed by the Indo-Hungarian Group of Planning Experts.

(iv) The Division provided its views and comments on various proposals received from concerned Ministries and Departments, involving policy matters relating to foreign trade and balance of payments. It has also represented the Government at the 6th Session of the ESCAP Committee on Development Planning held in Bangkok. The Division is, in addition, participating in the preparatory work relating to the 7th Session of UNCTAD to be held in July 1987 as well as in the Inter-Ministerial Steering Committee for GATT Negotiations. In addition, the Division prepared notes on the economies of several countries, with special reference to bilateral trade and economic relations for meetings between Planning Commission and delegations and dignitaries from abroad. These included nations such as USSR, USA, GDR, Canada, France, Bangladesh, Rumania, The Netherlands, Pakistan, Afghanistan, Yugoslavia, Bulgaria and Finland and also representatives of some international organisations, namely, IFC, IFAD and UNDP.

### 5.3.4 Financial Resources Division

(i) The Division firmed up the estimates of financial resources in connection with formulation of the Annual Plan 1986-87. The detailed scheme of financing of the approved Plan outlay for 1986-87 for each State, Union Territory and for the Centre was completed and the Chapter on Financial Resources for the Annual Plan 1986-87 finalised.

(ii) The Division kept itself in constant contact with the States and Union Territories to get the latest information on the estimates for the year, particularly on yield from fresh measures.

(iii) For the preparation of the Annual Plan 1987-88, the Division forwarded a detailed letter alongwith a set of formats to the States and UTs for preparation of the forecast of resources. Financial resource forecast for 1987-88 received from the States and Union Territories were examined and discussions were held with individual States and Union Territories in which the representatives of the Ministry of Finance and Reserve Bank of India also participated. Briefs on financial resources for 1987-88 for each State and UT were prepared. Discussions were held with State Finance Secretaries on the additional resource mobilisation prospects for 1987-88. The Division participated in the exercise on resources of Central Public Sector enterprises undertaken by the Ministry of Finance. Exercises relating to estimates of resources of the Central Government for 1987-88 including estimates of Central assistance for State Plans and Union Territories were undertaken and discussed with the Ministry of Finance. Exercises relating to State-wise allocation of Central assistance and determination of the Plan size of each State and Union Territory for 1987-88 were completed. Based on these exercises, briefs for the meeting between the Deputy Chairman and the State Chief Ministers were prepared for finalising the Annual Plan 1987-88.

(iv) The Division assisted (a) the Committee set up to examine the unadjusted liabilities of Nagaland State and (b) the National Institute of Public Finance and Policy in conducting a study on financial management of Kerala, (c) the Working Group to study the financial policy issues for sustained growth with reasonable price stability.

(v) The Division kept itself in constant contact with the Ministry of Finance, RBI and the Financial Institutions for setting the latest estimates/projections on Centre's resources and on Central assistance, market borrowings, negotiated loans, etc., for plan financing. The Division assisted the Ministry of Finance in consultation with the World Bank, etc.

(vi) The Division also carried out the work on the examination of divergent suggestions received from the States regarding modification/change in the present formula of Central assistance for State Plans.

(vii) The Division also prepared detailed briefs/notes in connection with the meetings of the National Development Council, the Consultative Committee, the Estimates Committee, and on different topics such as impact of change in the investment pattern of EPF on Small Savings of States, etc.

### 5.3.5 Project Appraisal Division

(i) The Project Appraisal Division which is the prime appraising agency of the Government of India, appraises Central Government's investment proposals and prepares appraisal notes before these are considered by the Public Investment Board (PIB) or the Expenditure Finance Committee (EFC). The activities of the Division mainly centre around: (a) conducting actual techno-economic appraisal on the strength of social cost-benefit analysis of selected major projects and programmes posed to the Planning Commission, (b) suggesting standard formats for submission of projects and procedures for their techno-economic evaluation, (c) assisting the State/Union Territory Governments and the Central Ministries in giving effect to the standardised formats and procedures for project evaluation and (d) undertaking and supporting research pertaining to progressive refinement of methodology and procedures of project evaluation.

(ii) The table below indicates the sectoral distribution of the projects appraised during 1985-86 and April—December 1986, including their total number of value:

#### Sectoral Distribution of the Projects Appraised

(Rs. in crores)

S.N.	Sector	1985-86		April-December 1986	
		No. of Projects Appraised	Total capital cost	No. of Projects Appraised	Total capital cost
1.	Fertilizer and chemicals .	3	89.56	2	70.32
2.	Petroleum & Petro-chemicals	12	2112.43	8	2668.77
3.	Coal, Steel, Mines and Metals	33	2032.23	6	1786.05
4.	Other industrial projects .	8	344.45	5	222.59
5.	Power .	6	211.17	2	1092.27
6.	Food Agriculture and Irrigation	5	237.30	4	541.90
7.	Shipping, Transport, Tourism and Civil Aviation	12	1722.79	14	419.67
8.	Communications .	2	71.29	4	175.35
9.	Others . . . . .	6	69.56	6	327.15
Total :		87	8890.78	51	7304.07

(iii) In addition to the above, the Division examined 20 Revised Cost Estimates between April—December 1986 and prepared 9 supplementary notes on the projects appraised earlier. During the last quarter of the financial year 1986-87, the Division is expected to appraise 32 new projects in various sectors, 18 Revised Cost Estimates and 2 supplementary notes on the projects.

(iv) The Division has initiated action on appraising the first stage clearance of projects costing more than Rs. 20 crores under the two stage clearance system for the large investment proposals. Between April—December 1986, the Division examined and appraised 4 such proposals and another 4 new proposals are expected to be finalised during the last quarter of 1986-87.

(v) The Division is also engaged in finalising the draft guidelines for the preparation of Feasibility Reports in respect of (a) Process industries, (b) Power, (c) Coal, (d) Metallurgical, (e) Cement and (g) Paper and Newsprint industries. Comments on the draft guidelines which were earlier sent to the concerned agencies have since been received and the suggestions are being included in the guidelines to be finalised for widespread use shortly.

(vi) The Division rendered assistance to the State/Union Territory Governments regarding the methodology of appraisal and procedures for setting up similar Divisions in the respective States/UTs and rendered advice to various Administrative Ministries and Public Sector Undertakings for strengthening their internal capabilities, methods of preparation of feasibility reports and cost benefit analysis.

(vii) The Division provided active support in the training of the probationers of the Indian Economic/Statistical Services and some Afghan delegates under an International Training programme.

(viii) The Division coordinated the work in connection with the examination by the Estimates Committee in respect of the Systems and Procedures for the appraisal of the Plan schemes.

(ix) During the year under report, the Division carried out the following specific studies:—

- (a) Long term import of coking coal for augmenting the productivity of the steel industry.

- (b) Performance review of the ONGC.
  - (c) Cost benefit analysis of Solar Thermal vs conventional electric water heaters.
  - (d) Deepening of Paradeep Harbour for the export of iron ore.
  - (e) Surplus power generation from Bagasse at Dharamapuri Sugar Mills, Tamil Nadu.
  - (f) Manufacture of corrugated sheet and corrugated cartons for packing of apples for replacing the conventional wooden boxes.
- (x) The Division continued to assist the Ministry of External Affairs in the examination of projects to be set up in other countries.
- (xi) The Division was associated with the Tenth meeting of the Indo-Soviet Group of Planning Experts held at Moscow in August 1986 and organised a seminar on the "Methodology of Cost Benefit Analysis" in October 1986 which was attended by the delegates from the academic as well as financial institutions.
- (xii) The Division has initiated a study on cost benefit analysis of generation of power from rice husk in Punjab and is developing case studies to illustrate the revised methodologies for cost benefit analysis of irrigation projects.

### **5.3.6 Monitoring and Information Division**

(i) As a part of the Data Bank for the Planning Commission, Minimum Data Records for over 3,000 Central and centrally sponsored schemes relating to the sectors of industries and minerals, petroleum and natural gas, coal, atomic energy and power, rural development, education, health and family welfare, agriculture and irrigation etc. were stored in the computer system of NIC. Necessary system work and programming work was undertaken by NIC.

(ii) Projects costing Rs. 20 crores and above in the Central Ministries/Departments dealing with industries and minerals, petroleum and natural gas, coal and atomic energy and power were analysed in detail jointly with the concerned subject Divisions, with the help of resource based PERT/CPM networks

and bar charts to link up the physical progress with the fund requirements for the Annual Plan 1987-88.

(iii) Follow up efforts were continued in respect of implementing the suggestions made by the two Standing Committees for (a) improving Data Base for decentralised sector and (b) Improvement of Data Base for Planning and Policy Making. The reports of the sub-groups on Balance of Payment Statistics, Housing, Public Finance and Transport were also prepared and efforts for developing, monitoring and information systems at various levels were continued. The work on development of Village Level Data Base was initiated.

(iv) An All India Seminar was organised at Bangalore on 26-27th June, 1986 by the Government of Karnataka in collaboration with the Planning Commission and the Indian Institute of Management, Bangalore to review the existing monitoring systems at the State and district level and make suggestions/recommendations for improvement in the areas of (a) agriculture and rural development, (b) irrigation and power, (c) industry, transport and minerals, (d) social services (health, education, housing and water supply etc.) and (e) Sub-Plan/special Plans. Recommendations of the seminar were circulated to the Central ministries, State Governments and UTs for follow up action.

(v) The Division maintained liaison with and provided assistance to the Ministry of Programme Implementation as required from time to time. Secretarial assistance was provided to the Steering Committee for Transport Planning. Plan proposals of the Department of Personnel and Training were analysed.

(vi) The Division provided assistance in introducing the revised common classification for Plan, Budget and Account Heads with effect from 1.4.1987.

(vii) The project on 'Management Consultancy Development—phase II' to be undertaken with the UNDP assistance was finalised and the Project Document signed.

### 5.3.7 Agriculture Division

(i) Targets for crop production and selected development programmes in the Agriculture and allied sectors for the Annual

Plan 1986-87 were finalised in an inter-Ministerial meeting held under the Chairmanship of Member (A). The Division drafted the Chapter on Agriculture and Allied Sectors for the Annual Plan 1986-87.

(ii) A detailed background paper listing out the important issues concerned with the implementation of some of the key programmes of the Department of Agriculture and Cooperation during 1986-87 was prepared for an inter-Ministerial meeting held under the Chairmanship of Deputy Chairman, Planning Commission.

(iii) An inter-ministerial meeting was held under the Chairmanship of Deputy Chairman, Planning Commission to consider the present status and prospects of rice production and productivity in India. The Division prepared a detailed background paper listing out the important issues for discussion. Dr. M.S. Swaminathan, Director General, International Rice Research Institute, Manila was the special invitee to this meeting.

(iv) The Division participated in various high level meetings, internal and inter-ministerial, to chalk out the strategy for the Annual Plan 1987-88. Discussions were held with Officers of the State/UT Governments and Central Ministries.

(v) The Steering Group for Rice Production in the Eastern States met under the Chairmanship of Secretary, Planning Commission to assess the preparations made by the various States to implement the programme during 1986-87.

(vi) The Division participated in the following workshops/seminars/conferences during the year under report:

- (a) National Seminar on Training and Visit System of Agricultural Extension.
- (b) The meeting under the Chairmanship of Dr. N. S. Randhawa, Director General, ICAR to discuss the strategy for increasing oilseed production.
- (c) The meeting of the Land Use Development Board under the Chairmanship of Deputy Chairman, Planning Commission.
- (d) Regional Meetings for finalising the rabi production programme for 1986-87.

- (e) National Conference on Wastelands.
- (f) The Meeting of the National Horticulture Board.
- (g) Conference on Wheat at IARI, New Delhi.
- (h) Seminar at Vigyan Bhawan on Growth and Modernisation of Fertiliser Industry.
- (i) The Fifth Meeting of Indo-GDR Group of Planning Experts held in East Berlin.
- (j) Seminar on Long-Term Planning between India and Pakistan at Islamabad.
- (k) The Zonal Committee meeting for Himalayan Region at Gangtok in connection with the Soil Conservation Schemes in the catchment of River Valley Projects and Flood Prone Rivers.
- (l) National Conference of State Cooperative Secretaries and Registrars of Cooperatives.
- (m) National Conference of State Cooperative Ministers.
- (n) Conference of State Ministers and Secretaries of Animal Husbandry and Dairying.
- (o) Conference of State Directors and Secretaries of Animal Husbandry.
- (p) Conference to review the work of Livestock Insurance.
- (q) Rabi Pulses Workshop held at Jaipur in September, 1986.
- (r) A meeting under the Chairmanship of Director IASRI to assess the reliability of production estimation relating to milk and eggs in the various States for different years.

### 5.3.8 Rural Development Division

(i) The Division is concerned with Poverty Alleviation, Area Development and the Minimum Needs Programme. Some of the important programmes are (a) Integrated Rural Development Programme (IRDP) (including DWCRA and TRYSEM), (b) National Rural Employment Programme (NREP), (c) Rural Landless Employment Guarantee Programme (RLEGP), (d) Drought Prone Areas Programme (DPAP), (e) Desert Development Programme (DDP), Land reforms, (g) Community Deve-

lopment and Panchayati Raj and (h) Minimum Needs Programme. The Division drafted chapters for the Annual Plan 1986-87 on Rural Development and Poverty Alleviation programmes, Minimum Needs Programme, The 20-Point Programme and the subsection relating to the Desert Development Programme under Special Area Development Programmes.

(ii) The Division examined and discussed the Annual Plan 1986-87 proposals with the States/UTs and with the Department of Rural Development in the Ministry of Agriculture.

(iii) The Division re-examined the criteria for allocation of funds to the States under NREP and IRDP. From 1986-87 onwards, it was decided to include the category of marginal workers also for determining the allocation under NREP/RLEGP. The funds were, therefore allocated 50 per cent on incidence of poverty and 50 per cent on population of agriculture labourers, marginal farmers, and marginal workers. For IRDP, the Seventh Plan had envisaged that from the third year, i.e. 1987-88, the funds would be allocated entirely on the basis of incidence of poverty. However, it was seen that in case the entire money was to be allocated on this criteria, some of the States would get considerably reduced outlays. It was, therefore, decided that the shift from 50 per cent to 100 per cent funds on incidence of poverty had to be gradually achieved by the end of the Plan. For 1987-88, the outlays would be distributed two-thirds on incidence of poverty and one-third on uniform allocation per block.

(iv) The Division examined the findings and recommendations made in the G. V. K. Rao Committee Report on the Review of existing Administrative Arrangements for Rural Development and Poverty Alleviation Programmes and invited comments of the State Governments/UTs and the Central Ministries. An Inter-Departmental meeting was held on this subject to formulate tentative policy on the recommendations made in the Report which was later discussed in the internal meeting of the Planning Commission wherein it was decided to await the comments of the States/UTs, before taking the matter to the National Development Council. The comments of most of the States have been received and are being processed.

(v) The Division examined and offered comments on the memoranda prepared for the Expenditure Finance Committee relating to IRDP, NREP, RLEGP, DPAP, DDP, and Technology Mission on Drinking Water in the Villages and Related Water

Management. The meetings of the EFC were attended.

(vi) The reports of the studies initiated by the Planning Commission on DWCRA in the States of Orissa, West Bengal, Sikkim, Tripura and Rajasthan and on RLEGP Programme in Punjab, Orissa, UP and West Bengal were examined.

(vii) The National Institute of Rural Development, Hyderabad, has been entrusted with a number of special evaluation studies in respect of (a) Assessment of foodgrain utilisation under NREP/RLEGP. (b) Expenditure on earmarked sector with particular reference to social forestry and (c) Desert Development Programme with particular reference to Rajasthan. The PEO of the Planning Commission has also been requested to conduct an indepth study on the Desert Development Programme.

(viii) The Division conducted an indepth examination of the 20 Point Programme 1986 and identified the programme to be included under each of the twenty points.

(ix) The Division organised an inter-ministerial review meeting under the Chairmanship of Prof. M.G.K. Menon, Member Planning Commission, to consider the progress under the Minimum Needs Programme. Some of the bottlenecks for achieving the normative targets by 1990 were identified. A decision has been taken to include the Public Distribution System and Rural Sanitation as components of the Minimum Needs Programme.

(x) The Division organised a meeting of governmental and non-governmental experts under the Chairmanship of Prof. C. H. Hanumantha Rao, Member, Planning Commission to discuss the communication strategy for poverty alleviation programmes.

(xi) The Division sponsored a Central Study Team which visited the Andaman and Nicobar Islands in May 1986 to conduct an on the spot study of the working of the poverty alleviation programmes in this Union Territory.

(xii) During 1986-87, officers of the Division participated in the (a) ICIMOD Conference at Forest Research Institute, Dehradun, (May 17-20, 1986) and (b) SAARC Regional Symposium on Local level Planning—Kathmandu—(November 15, 1986).

### 5.3.9 Rural Energy Division

(i) The Division was engaged in the formulation and extension of the Integrated Rural Energy Planning Programme in all the States. As part of this programme, the Planning Commission provides technical guidance to the States/UTs in the setting up and training of the State and District level IREP cells which are charged with the responsibility for preparing and implementing area based integrated rural energy Plans and projects.

(ii) During 1986-87, the Planning Commission has introduced a Centrally sponsored scheme under which funds are available to the States/UTs for the setting up of state/block level IREP cells and for conducting training.

(iii) An outlay of rupees one crore has been earmarked for providing the Central assistance to the States/UTs during 1986-87. A sum of Rs. 73.49 lakhs was sanctioned upto 15 January 1987, for setting of IREP cells in various States/UTs. The programme has been taken up in 85 blocks in 20 States and UTs as on 15.1.1987 and is to be extended to all States/UTs during the year 1987-88.

(iv) Training is a major component of the IREP programme. A National Training Centre is being set up for the IREP programme in Bakoli village in Delhi in coordination with the Delhi Administration and the Delhi Energy Development Agency. Training programmes in the meanwhile are organised in coordination with leading national and regional institutions in different parts of the country. The first major national training programme was organised from 29 September to 6 October 1986 in coordination with the Centre of Rural Development, IIT Delhi at IIT Delhi. 31 officers from different states and UTs in the country participated in this course. The second national training programme was organised at Madurai Kamraj University in Madurai, Tamil Nadu from 19 to 24 January 1987. Similar training courses are being arranged in other leading institutions in different parts of the country.

(v) The Computer Modelling project that was initiated last year in the rural energy sector has now resulted in operational IREP models for the micro levels and the macro model for rural energy sector for the whole country. The IREP model which was developed in house in the Planning Commission has already been validated with data from IREP Projects in Uttar Pradesh. Several

runs have also been made of the macro model. The results from these models are being analysed and would be utilised for preparing comprehensive integrated rural energy plan in the country upto year 2000 and the models would be further defined and modified to take into account the various policy goals and objectives.

(vi) Rural Electrification Programme has been transferred to the Rural Energy Division in 1986-87. Regular review meetings were held with the State Electricity Boards and the Rural Electrification Corporation to review their rural electrification programmes and to explore improvements and innovations that need to be made to make these programmes more cost effective and development oriented. A major study has been undertaken by the Rural Energy Division in coordination with the Rural Electrification Corporation on the techno-economic assessment of the Rural Electrification programme and on how this programme needs to be modified during the remaining years of the Seventh Plan and beyond. Field studies are being carried out as part of this study project to collect primary data, besides the utilisation of all available secondary data.

(vii) Evaluation studies by the Centre of Energy Studies at IIT, Delhi have been completed on Energy Programme in Madhya Pradesh and Delhi. Similar evaluation studies are being organised in different parts of the country to get feed back and assessment of the techno-economic performance of the various new and renewable energy technologies.

(viii) The Division is also monitoring the programmes included under Minimum Needs Programme (improved chullahs) and under 20 Point Programme (Rural Electrification and Bio-gas programmes) on quarterly basis.

### **5.3.10 Irrigation and Command Area Development Division**

(i) The Division drafted the Chapter on Irrigation, Flood Control and CAD Programmes for the Annual Plan 1986-87. Guidelines for formulation of the Annual Plan 1987-88 were circulated and discussions held with the State Governments, Union Territories and the Ministry of Water Resources.

(ii) The Advisory Committee on Irrigation, Flood control and Multipurpose projects held four meetings and considered 38 multipurpose major and medium irrigation projects and 10 flood control projects of the various States/UTs.

(iii) A meeting was held to discuss the various issues connected with the improvement in water management under the chairmanship of Member, Planning Commission.

(iv) An inter Ministerial meeting was held under the Chairmanship of Secretary, Planning Commission to discuss suitable measures regarding the protection of Kuteshwar Limestone deposits from submergence of Banasagar project.

(v) A meeting was taken by Deputy Chairman, Planning Commission with the Secretary, Ministry of Water Resources to discuss the issues relating to the implementation of the irrigation sector for the Seventh Plan.

(vi) The Planning Commission have also constituted (a) A Group for reviewing and monitoring of the steps connected with the speedy utilisation of irrigation projects, (b) A Monitoring Committee for reviewing the progress of Indira Gandhi Canal Project (c) An Advisory Group to study and guide implementation of the action plan in respect of water management and irrigation utilisation with Member (Agri) Planning Commission as Chairman and (d) A Standing Committee to guide and review the post facto evaluation of irrigation projects. The Group at (a) and the Standing Committee held one meeting each during the year. The Monitoring Committee held three meetings.

(vii) Officers of the Division participated in a number of Committees, Seminars and implementation review meetings of the Ministry of Water Resources and the Central Water Commission in respect of externally aided projects and command area development projects. An Officer of the Division attended the international seminar on operation, maintenance and management of irrigation and drainage projects held in USA under ICID during October-November 1986. Officers of the Division also participated in the deliberations of the Sub-Committees of the Indian Standards Institution for evolving canal linings.

### **5.3.11 Multi-level Planning Division**

(i) The Division deals with (a) Hill Area Development Programme, (b) North Eastern Council, (c) District Planning, (d) Planning Machinery and (e) Training.

(ii) The Division finalised the sub-plans for the designated hill areas covered under the HADP which are partly funded from Special Central Assistance and partly from the State Plan flows. The Division initiated follow-up action on the report of the Working Group constituted for the formulation of approach, strategy and priorities for the development of hill areas during the Seventh Plan. The working Group has *inter alia*, laid down certain criteria for delineation of hill areas. The task of further refining the suggested criteria and delineating the new hill areas based thereon has been undertaken by an Expert Group under the Chairmanship of Surveyor General of India. The Division also took follow-up action on the decisions of the Advisory Committee on Hill Areas constituted under the Chairmanship of Member Planning Commission.

(iii) An Open House Seminar on "Strategy to Reduce and Control Jhum Cultivation in the North Eastern Region" was organised in August 1986 at Aizawl. Another Open House Seminar of the experts on the North East was organised in October 1986 at New Delhi to discuss the strategy of development of the North Eastern Region. Based on the recommendations of both the seminars and findings of the other studies, the Division reviewed the strategy of development of the North Eastern Region and prepared three papers, viz. (a) A strategy for Enhancing Production and productivity of foodgrains per unit of land in the Flood Free Area of the Plains of the North Eastern Region (b) A Strategy to Reduce and Replace Jhum Cultivation, and (c) A Review of Strategy of Development-North Eastern Region.

(iv) Guidelines for implementation of the strategy of development for the North Eastern Region were issued to the States/ U.Ts. of the region.

(v) The centrally sponsored scheme of strengthening of Planning Machinery at the State and District levels is being continued. Under this scheme, 2/3rd of the expenditure incurred by the States on planning machinery at the State and half of that spent on District level Planning Machinery is reimbursed to the States. Proposals for 1986-87 received from the States were examined and central assistance was released to the States.

(vi) The Eighth course in Multi-Level Planning with 33 participants was organised in collaboration with the Administrative Staff College of India, Hyderabad. Four courses in District Planning are proposed to be organised in February-March 1987 in collaboration with the Institute of Economic Growth, Delhi.

### 5.3.12 Power and Energy Division

#### A. Petroleum Unit

(i) The Unit took up analysis of activity-wise categorisation of Seventh Plan outlay in respect of ONGC, review of exploration strategy and categorisation of ONGC and OIL, recommended outlay for 1987-88 in terms of Maintenance of oil/gas production and exploration for discovery of new hydrocarbon reserves/upgradation.

(ii) The Unit participated in the deliberations of Steering Group on Energy Modelling, Expert Group on Oil and Committee on Demand and Supply of Petroleum products.

(iii) The Unit dealt with issues relating to pricing of petroleum products and natural gas and petroleum conservation.

(iv) Energy balance tables were finalised for the year 1982-83 to 1984-85.

(v) About 20 proposals related to exploration, development, equipment purchase, refining and marketing were examined.

#### B. Power Unit

(i) The Unit was actively involved in the work of several Expert Committees on a number of subjects, viz., (a) National Power Grid, (b) Next Higher sizes of generating sets, (c) Future EHV Transmission lines, (d) High Voltage Direct Transmission Line.

(ii) New Super Thermal Power Stations of National Thermal Power Corporation (NTPC) and New Hydel projects of National Hydro Electric Power Corporation (NHPC) were appraised.

(iii) The Unit also participated in the techno-economic appraisal of projects done by the Central Electricity Authority.

(iv) An Expert Group on Energy Modelling (Power Sector) set up by the Planning Commission submitted a Report on 'Long Term Technology Requirements for Power Sector in India'.

(v) Annual Report on the working of State Electricity Boards and Electricity Departments covering their operational

and financial aspects including rate of return on capital was prepared. This Report was based on a review of performance of the State Electricity Boards/Electricity Departments which was earlier done as a part of the exercise on the resources for the Annual Plan 1986-87.

(vi) The Report of the Committee on the Tariff for electricity supply from Central Thermal Power Station was examined in the Unit and the comments of the Planning Commission on the recommendations of the Report were conveyed to the Department of Power, Government of India. The Unit had earlier participated in the deliberations of the Committee.

(vii) The Unit also participated in a Workshop on Inter-Utility Tariff organised by the Central Board of Irrigation and Power.

### C. Coal Unit

(i) To advise the Planning Commission to develop an Energy Model covering all forms of energy in the next 15/20 years, the Report of the Expert Group on Technology options for Coal Industry was finalised.

(ii) An Inter-departmental micro-level study was undertaken to develop an integrated system for power generation, coal availability and movement inter-linkages in a perspective up to 1994-95, precise identification of consumption centres was made and a production profile to match the requirement was drawn.

(iii) Prospects of non-coking coal beneficiation for thermal power stations were examined, and an action programme by concerned departments/agencies was drawn.

(iv) Separate performance review meetings were held to focus attention on the various problems for inter-ministerial coordination for implementation of programmes in coal sector Annual and Five Year Plans.

(v) The Unit continued to participate in the deliberations of different committees, such as, InterMinisterial Group for Clearance of Coal Projects for Government sanction. Standing Linkage Committees for Coal to Power Stations and Cement Plants, Reconstituted Environmental Appraisal Committee on Mining/Projects, Standing Scientific Research Committee on Coal, Joint Board on Mining Engineering Education and Training, etc

(vi) The Unit was also associated with the in situ Coal Gasification Committee for formulating experimental projects in this high technology field for the first time in the country; the first information well was taken up at Mehsana, Gujarat.

(vii) The Unit was associated in computerisation of data by the Planning Commission, and Minimum Data Record Formats for 189 Coal projects were filled up.

### 5.3.13 Industry and Mineral Division

(i) The Chapter on industrial and mineral sector for the Annual Plan 1986-87 was finalised on the basis of discussions held with the Central Ministries, comments received from them and the latest available data/information.

(ii) With a view to ensuring fulfilment of Plan targets and removing the difficulties being experienced in the implementation of the Plans, quarterly Performance Review Meetings were held in respect of projects under the Department of Steel, Department of Mines, Department of Fertilizers, Department of Chemicals and Petro-chemicals and Department of Public Enterprises. The performance of electronics industry in 1985-86 was informally reviewed and a review paper was prepared and circulated to the Department of Electronics. A paper highlighting the major policy issues for electronics industry was also prepared. In these meetings, particular emphasis was given on effective monitoring of projects and inter-ministerial coordination.

(iii) The proposals made by the Central Ministries/Departments and the States/Union Territories for the formulation of the Annual Plan 1987-88 were examined and Annual Plan outlays and targets of capacity and production for industries were finalised after holding indepth discussions with the concerned Departments/Public Sector Undertakings/States/Union Territories.

(iv) A number of important papers/studies were prepared in the Division which, *inter alia*, included (a) Strategy for improving productivity in the Seventh Plan, (b) Impact of Royalty/Cess/M.R. Tax on production of minerals in various States, (c) Studies in Growth Rates implicit in the Seventh Plan Production Targets for Selective Industries in the Organised Sector, (d) Demand-Supply Scenario for Thermo-Plastic

Aromatics during 7th and 8th plan period and options available to meet the emerging gaps, (e) Demand-Supply scenario for Synthetic Detergents during 7th and 8th Plan, (f) Reasons for High Price of Steel in the country, (g) Availability of infrastructure facilities for Visakhapatnam Steel Plant and (h) Industrial Policy Issues — Sectoral Papers on Electronics, Capital Goods, Fertilizers, Cement, Automobiles and Textiles

(v) The Division was represented in (a) International Seminar on Public Enterprises organised by SCOPE, (b) Expert Committee on Steel Casting Industry, (c) Expert Committee on NCSM, (d) Team of Experts which visited Bhutan to finalise their Sixth Plan and assist in various projects.

(vi) The Report of the Expert Committee on the Revised Cost Estimate of Gandhamardhan Bauxite Project was finalised.

(vii) The Division assisted in the preparation of Draft National Mineral Policy submitted by the Department of Mines.

(viii) At the instance of the Planning Commission, the Ministry of Industry Commissioned a study on problems facing the Paper and Newsprint Industries and drawing up a long-term perspective and strategy for their development. The Report of the Consultants on the subject was examined in the Division and discussed at an inter-ministerial meeting.

(ix) In order to suggest short-term and long-term policy measures and facilitate preparation of perspective plan for the industrial and mineral sector, a number of Advisory/Working Groups/Task Forces/Panels were set-up by the Planning Commission, viz., (a) Advisory Group on Consumer Industry, (b) Advisory Group on Capital Goods Industry for suggesting short-term and long-term policy measures for the industry and make it competitive and export oriented, (c) Group on transfer of Advanced and Future Technologies developed indigenously to industries, (d) Task Force to evolve a machinery for monitoring trends of investments in different sectors of industries so as to ensure that private sector investment are consistent with Seventh Plan priorities, (e) Expert Group on long-term model for industry sector to assist the Standing Committee for Perspective Plan for industry sector and (f) A Panel of eminent industrial economists/officials for restructuring the industrial sector in the next decade in line with the Seventh Five Year Plan strategy.

### 5.3.14 Village And Small Industries Division

(i) The Division examined the report of the Committee on Credit Facilities for Village and Small Industries sector set up by the Planning Commission in 1983 under the Chairmanship of Dr. A.M. Khusro, the then Member, Planning Commission. The recommendations of the Committee were considered in an Inter-Departmental Meeting chaired by the Deputy Chairman. The Division assisted the Inter-Ministerial Committee set up by the Department of Industrial Development under the chairmanship of Planning Secretary to review the incentives scheme for industrially backward areas. The Committee has since submitted its report. The Division was also associated with the Khadi and Village Industries Review Committee set up by the Department of Industrial Development in June 1985 to review the working of the Khadi and Village Industries Commission, and examined a proposal of the Department of Industrial Development to reorganise the KVIC based on the Committee's interim report. The deliberations of the Committee are continuing.

(ii) The Division examined and discussed the proposals relating to the village and small industries sector for the Annual Plan 1987-88 of the Central Ministries and States/UTs. The Chapter on the Village and Small Industries for the Annual Plan 1986-87 was finalised.

(iii) The Division monitored the implementation of the schemes in the village and small industries sector in terms of physical targets and achievements under the New 20-Point Programme on a quarterly basis.

(iv) The Division examined (a) a proposal to set up a separate organisation for handicrafts and village industries prepared by the Department of Industrial Development (b) issues relating to the Handlooms arising from the Textile Policy Statement 1985 and (c) the problem of sickness in the small scale industries. Other proposals/schemes examined by the Division included (a) Central Sericulture Project of the Central Silk Board, (b) Small Industries Development Organisation's proposal to conduct a Census of Small Scale Industrial Units and Installation of Computer, (c) a proposal of the Development Commissioner (Handloom) for increasing the scale of finance for Modernisation/Renovation/Purchase of Machinery, (d) a proposal of the National Federation of Industrial Cooperatives

to conduct a study on Market Survey for Industrial Cooperatives, (e) a proposal for setting up of a Process-cum-Development Centre for auto-lamp industry, (f) Development Commissioner Small Scale Industries proposal for a revised Margin Money Scheme for revival of sick small scale industrial units and (f) a proposal relating to Handlooms Census and 20 Point Programme under Handloom.

(v) The Division prepared a number of papers and notes which, *inter alia*, included (a) A paper in connection with a Seminar on Future of Footwear Industry on the theme 'Plan and Development of Footwear sector in the Next Decade', (b) A paper on Rural Industries, Technology and Policies, and notes on Intensive Development of Selected Handicrafts, Co-operative Spinning Mills, Central/State Handicraft Corporations and Apex Societies, Status of sub-sector of Village and Small Industries in the North-Eastern States and Upgradation of Quality of Export Products.

(vi) During the year, officers of the Division participated in the deliberations of the meetings/conventions and conferences both of official committees as well as non-official organisations.

#### **5.3.15 Housing, Urban Development and Water Supply Division**

(i) The Division pursued with vigour the expeditious implementation of some of the new Plan schemes. As a part of this exercise a number of meetings were held and notes prepared to justify the new proposals for the establishment of a National Housing Bank and National Urban Infrastructure Development Finance Corporation. The former is in an advanced stage of final fructification.

(ii) The Chapter on Housing, Urban Development and Water Supply for the Annual Plan 1986-87 was finalised. The Annual Plan 1987-88 proposals were discussed with the State Governments/UTs and the Central Ministry of Urban Development.

(iii) In the field of water supply and sanitation, the Division designed formats for collection and compilation of data with a view to developing a minimum data record base for assisting the Planning process. These data are being computerised.

(iv) The officers of the Division participated in the International Conferences on Shelter for the Homeless, the Conference

of Mayors and States Housing Ministers and the Workshop on "Solid Waste Management" organised by the Ministry of Urban Development.

### 5.3.16 Transport Division

(i) The Division finalised the chapter on Transport for the Annual Plan 1986-87. The Annual Plan proposals for 1987-88 were examined and discussed with the concerned Central Ministries/Departments, officials of the States and Union Territories. The financial resources for 1987-88 of the State Road Transport Undertakings were also assessed as part of the Annual Plan exercise.

(ii) The progress in the construction of roads and bridges was reviewed and various proposals received from the Ministry of Surface Transport were examined. The report of the Committee for Integration of Rural Roads was circulated among the States inviting their views to facilitate finalisation of the guidelines on the subject for circulation.

(iii) The Steering Committee constituted in 1985 to study traffic flows and resource cost of transportation to develop a transport planning model, to generate transportation demand forecast consistent with the macro-economic model for the period ending 2001 A.D. and to develop a long-term technological perspective with a view to incorporating technological advancements in transport planning, have received the report on 'Civil Aviation'. The study on Inland Water Transport Sector given to Consultants will be received during the current financial year. The Steering Committee has already reviewed the methodologies applied for projection of traffic demands and investment planning. The Planning Group on 'Civil Aviation' at the Turn of the Century headed by Shri J.R.D. Tata, concluded their work and submitted the report to the Planning Commission. The Report of the Planning Group for Road Transport set up by the Standing Committee is likely to be finalised soon.

(iv) A National Committee was set up under the Chairmanship of Shri Mohammad Yunus for formulating a perspective Plan for the development of Tourism on an integrated basis. The report of the Expert Group for preparation of Master Plan of road development in the North Eastern Region is in advanced stage of completion.

(v) The following studies were undertaken by the Transport Division during the year 1986-87:

- (a) Economics and Role of Short Haul Air Services.
- (b) Provision of Interest Subsidy to Inland Water Transport entrepreneurs for purchase or modernisation of country crafts and mechanised vessels.
- (c) Financial and Physical Performance of the Ports including cost and pricing, traffic productivity etc.
- (d) Study on the maintenance of state roads.
- (e) Study on physical and financial performance of the State Road Transport Corporations/Undertakings.
- (f) Study on productivity on Indian Railways, and
- (g) Economics of Pipeline Transport.

### 5.3.17 Education Division

(i) The Division was involved in the task pertaining to finalisation of the Annual Plan 1986-87 in the sector of Education which consists of General Education, Technical Education, Art & Culture and Youth Affairs and Sports. Detailed discussions were held with the State Governments/Union Territory Administrations as well as with the concerned Departments of the Ministry of Human Resource Development at the Centre on the proposals for Annual Plan 1987-88.

(ii) In pursuance of a decision taken at a meeting of the Consultative Committee attached to the Ministry of Planning, a Seminar on Vocational Education was organised in collaboration with the National Council of Educational Research and Training.

(iii) Prof. M.G.K. Menon was the Chairman of the Task Force on Research and Development set up in connection with the National Policy on Education. Studies were undertaken regarding development and utilisation of specialised and trained manpower; progress of minimum needs programme (elementary and adult Education) in the Sixth and the Seventh Plans.

(iv) Efforts were continued in collaboration with the Ministry of Human Resource Development, Ministry of Programme Implementation and State Governments in monitoring progress

in the field of Education in general and with reference to Elementary Education and Adult Education under MNP/20 point Programme in particular.

(v) The representatives of the Division attended conferences of the State Education Ministers/Secretaries, and review meetings for elementary and adult education in the educationally backward States and for examining educational needs of minority groups.

(vi) The Division was actively involved in a World Bank Seminar on "Methodologies of Educational Planning" organised by the National Institute of Educational Planning and Administration in August 1986.

(vii) The Division contributed to, and extended cooperation in training programmes in the field of educational planning organised by agencies like the National Institute of Educational Planning and Administration, the National Council of Educational Research and Training and the Central Statistical Organisation for participants from the States as well as from foreign countries. During the year, a presidential Working Party on Education and Manpower Training from Kenya held wide-ranging discussions in a meeting with Prof. M. G. K. Menon, Member, Planning Commission in regard to several aspects of Planning for education and manpower development. Assistance was also rendered through membership in various Expert Committees e.g., (a) All India Council for Technical Education and its Boards of Studies, (b) General Council/Executive Committee etc. of the National Institute of Educational Planning and Administration, (c) National Council of Educational Research and Training, (d) Standing Committee on Educational Statistics, (e) Committee for Studies in educational policy/planning management by various agencies with financial assistance from the Ministry of Human Resource Development and for review of Committee on NSS and NSVS set up by the Department of Youth Affairs and Sports.

### 5.3.18 Science and Technology Division

#### A. Science and Technology

(i) The Chapter for the Annual Plan 1986-87 was prepared in consultation with scientific departments and agencies.

(ii) A Review Meeting of all the scientific departments was taken by Member (M) to ensure the implementation of the Seventh Plan proposals as also to review the progress of expenditure and technical progress.

(iii) As directed by the Prime Minister, the Division prepared two reports, namely, one for the Andaman and Nicobar islands and the other for the Lakshadweep islands. The Reports had outlined the strategy for an integrated environmentally sound development of the islands without disturbing its natural beauty. The Government decided to set up an Island Development Authority (IDA) under the chairmanship of the Prime Minister. In the Planning Commission, the Division has been acting as the focal point for providing the secretarial support to the Island Development Authority. A Steering Committee under the chairmanship of Member(M), Planning Commission was set up to work out the implementation strategy for various developmental programme of the Islands.

(iv) The first meeting of the Steering Committee for the Island Development Authority (IDA) held on 22 September 1986 considered the detailed developmental projects covering aspects of transport, tourism, environment, forestry and wild life, red oil palm cultivation, development of industries, survey of the natural resources, personnel policies for the officials posted in the Islands etc.

(v) The first meeting of the Island Development Authority, held on 27 December 1986 at Port Blair under the chairmanship of the Prime Minister, approved several incentives and developmental programmes to ensure speedy development of the Islands keeping in view the environmental safeguards. Detailed follow-up action on the recommendations of the IDA has been initiated.

(vi) A special feature this year was the meeting taken by Member, Planning Commission to discuss the use of modern scientific techniques to identify and locate water resources in the drought affected areas of Maharashtra. Reports have been submitted to the State Government as also to the Prime Minister. The follow-up action has been taken up by the State Government.

(vii) Keeping in view the Plan objective of integration of science and technology component with all the major socio-economic sectors, a special exercise was undertaken to have

detailed discussions with six socio-economic Ministries, namely, Urban Development, Petroleum, Petro-Chemicals, Coal, Telecommunications and Mines. It is for the first time that the Division had separate in-depth discussions with the officials on the specific S&T programmes.

(viii) The Annual Plan proposals of all the scientific departments and agencies including environment and forests were examined and discussions were held for finalisation of the Annual Plan 1987-88. Similar exercises were carried out for all the States and the Union Territories.

(ix) The Division prepared a Cabinet note for the establishment of a Technical Information and Forecasting and Assessment Council.

(x) A meeting was organised with the Directors of IITs and Eminent Scientists to discuss the development and management of science and technology in the Eighth Plan period. The Directors of the IITs have been requested to prepare a perspective plan for the development and utilisation of science and technology for socio-economic development of the country.

(xi) The Division prepared a detailed status paper on the application of science and technology for helping the physically handicapped persons. The follow-up action to formulate a time-bound project for implementation in a mission mode is in progress.

(xii) A major meeting will be organised in the State of Karnataka to discuss the drought conditions and application of science and technology for improving it as also for locating ground water resources by the use of latest technologies.

(xiii) Officials of the Division participated in the (a) formulation and review of the Eight Science and Technology projects approved by the Prime Minister in a mission mode and (b) meetings and discussions held to prepare a prospective profile for the Eighth and the Ninth Plan period in the S&T sector. Officials of the Division visited USSR and East Berlin as Members of the Planning Group. The officials also visited other countries as experts for participating in various technical meetings. They participated in several national and international seminars, workshops and meetings including those of (a) the State Science and Technological Councils, (b) the Department of Economic Affairs in respect of multilateral, bilateral and

UNDP assistance proposals and (c) the Rehabilitation Commission for Bhopal Gas Tragedy.

## **B. Environment and Ecology**

(i) The Division organised a major review meeting under the chairmanship of Member, Planning Commission, to discuss the progress of implementation of environmental and forestry programmes vis-a-vis the Plan priorities.

(ii) The Division prepared two papers on "Planning and Environment" and "Aspects relating to Pollution, Prevention and Control" for Consideration of the Consultative Committee.

(iii) The Division arranged three meetings of the Monitoring Committee for the Ganga Action Plan. A computerised monitoring format has been evolved for reporting purposes. R&D requirements for the project have also been worked out by the Expert Committees. The officials of the S&T Division participated in a major workshop in Allahabad organised by the National Academy of Sciences to discuss Ganga as a resource. The recommendations of the workshop were examined and submitted to the Monitoring Committee. The Division also participated in four meetings of the Steering Committee of Ganga Action Plan.

(iv) Aspects relating to the development of lake systems in the country and also all over the world were thoroughly analysed; an official of the Division initiated discussions and chaired the Sessions in an international meeting on environmental planning and management in Japan.

## **C. Forestry and Wildlife and Wasteland Development Programmes**

(i) The Division has been actively associated in several new initiatives taken by the Department of Environment, Forestry and Wildlife in the Forestry Sector to reorganise the forestry research education and survey.

(ii) The Division examined the pattern of Central assistance for the Centrally sponsored schemes of National Parks and Sanctuaries by making it hundred per cent grant for non-recurring and fifty per cent for recurring expenses.

(iii) Officers of the Division attended the meetings organised by the Department of Forests with the Forests Secretaries of

various States/UTs and fully supported the priority areas relating to forestry research, forest conservation and ecological development, protection and development of wild life.

(iv) A meeting, chaired by the Member, Planning Commission was organised for defining the wastelands in the country and for arriving at a definition agreed upon by all the States and UTs. Several discussions were held with the officials of the Wasteland Development Board to work out the modalities for launching wasteland development programmes with the fullest involvement of the people.

(v) It was decided to enhance the budgetary provisions for afforestation programmes from 20 per cent to 25 per cent under NREP and RLEGP in a meeting taken by the Deputy Chairman, Planning Commission.

(vi) The Division held detailed discussions with the officials of the NWDB and the Ministry of Environment and Forests to analyse the problems, constraints and bottlenecks in accomplishing the envisaged target of 5 million ha. during the Seventh Plan period. Discussions were also held in regard to simplification of the implementation mechanism.

### **5.3.19 Health and Family Welfare Division**

(i) The Division was engaged in the finalisation of the programmes under the Health and Family Welfare Sector for the Seventh Plan 1985—90. The Division was also associated with the Ministry of Health and Family Welfare in a number of exercises for the finalisation of schemes and chalking out programmes towards fulfilment of the plan objectives and close monitoring of the items under the 20 Point Programme.

(ii) During the year under report, Adviser (Health) attended a number of seminars, meetings, conferences on the subjects pertaining to health and family welfare held under the auspicious of National/International Institutions/Organisations/Associations

### **5.3.20 Social Welfare and Nutrition Division**

(i) The Division prepared the Chapter on Social Welfare and Nutrition for the Annual Plan 1986-87. A new scheme "Support to training and Employment Programme" (STEP) was introduced for improving the economic position and employment facilities for women.

(ii) The various points of action incorporated in the Seventh Plan document to be followed by the different Ministries/Departments were identified and the concerned Ministries/Departments urged to pursue necessary follow-up action.

(iii) The Division participated in (a) the National Conference on Research on ICDS held by the National Institute of Public Cooperation and Child Development, (b) National Convention on ICDS held by the AIIMS (c) state-wise meetings held by the Department of Women and Child Development to review the ICDS programme in the respective States/UTs and (d) the Seminar on Wage and Poverty organised by the World Bank.

(iv) The Indian Delegation to Cuba, under the Indo-Cuban Cultural Exchange Programme, 1984—86, was led by the Division.

### 5.3.21 Backward Classes Division

(i) The supplementary programmes for the development of Scheduled Castes and Scheduled Tribes being implemented under the Welfare of Backward Classes Sector were received as part of Annual Plan 1986-87. A detailed review was made in regard to the programme contents and achievements of physical targets under the Schemes implemented under Tribal sub-Plans (TSP) and Special Component Plans (SCP). The States/Unions Territories were requested to take measures to improve quality of implementation of programmes under TSP and SCP for Scheduled Castes.

(ii) The concerned Central Ministries were persuaded to identify schemes for SCP and TSP and quantify likely flow of funds for such schemes. The Special Central Assistance provided under Tribal sub-Plan areas, Modified Area Development Approach and Primitive Tribes Projects was further liberalised to cover dispersed tribals outside the above areas.

(iii) The revision of the rate of Post-matric scholarships to Scheduled Castes and Scheduled Tribes was examined by a High-level Official Committee and the rates recommended by the Committee are under examination of the Government. The scheme of Pre-matric scholarships for children of those engaged in unclean occupations was reviewed and the rates of scholarships and income ceiling limit were increased. Under the scheme of Girls' Hostels for Scheduled Castes and Scheduled Tribes upward revision of the ceiling cost of construction per inmate was done.

(iv) The Study Group on Land Holding Systems in Tribal areas and the Committee to identify the areas of in-depth studies on the implementation of programmes for the development of scheduled tribes, constituted by the Planning Commission, submitted their draft report. The Ministry of Welfare has been requested to take up a study on the progress of liberation of scavengers and their rehabilitation on gainful occupations.

(v) The Division prepared papers such as (a) Position paper on the development of Scheduled Castes and Scheduled Tribes during the Sixth and Seventh Five Year Plans; (b) Programme contents under Tribal sub-Plan and Special Component Plan for Scheduled Castes for achievement of physical targets; (c) Policy measures for reducing inequalities in Scheduled Castes and Scheduled Tribes vis-a-vis the rest of population; and (d) Education and Training for tribal women.

### **5.3.22 Labour, Employment and Manpower Division**

(i) The Division deals with matters pertaining to employment policy and strategy, manpower planning, labour policy, craftsmen training, apprenticeship training and labour welfare programmes.

(ii) The Division drafted the Annual Plan 1986-87 Chapter relating to Craftsman Training and Labour Welfare. The Division examined and discussed the proposals for the Annual Plan 1987-88 received from the Ministry of Labour, the State Governments and UTs and also monitored the progress of the implementation of the 20 point Programme relating to (a) Enforcement of Minimum Wages for Agricultural Labour and (b) Rehabilitation of Bonded Labour.

(iii) The Division was working on analytical studies which included Statewise labour force and unemployment based on the results of NSS 30th Round, employment in large scale and small scale sectors of manufacturing industry, wages and productivity in agriculture and manufacturing industries, estimates of stock of engineers in selected States, and estimates of manpower requirements.

(iv) Adviser (LEM) has been (a) the Member Secretary of a Study Group, constituted in October 1985, for evolving an Agricultural Price Policy for balanced development of agriculture, the report of the Study Group was submitted in November 1986, (b) a Member of the National Working Group of Ministers

and Experts on Manpower projections and vocationalisation set up under the Chairmanship of Minister of Human Resource Development in the context of formulating the National Policy on Education. An Expert Committee was set up by this Working Group under the Chairmanship of Adviser (LEM) to review the present position and take up indepth study of the question of mismatch between demand and supply of manpower (vocational, technical and professional fields); the final report was received in April 1986, and (c) a Member of the Commission on 'Self-employed Women' set up by the Government of India.

(v) Adviser (LEM) attended (a) the 10th meeting of the Indo-Soviet Planning Group held in Moscow from 25th to 30th August 1986 and presented a paper on "Planning of Human Resources", (b) the ILO regional seminar on "Strategies and policies for Employment Expansion through Rural Industrialisation in Asia" held in September 1986, in New Delhi and presented a country paper for India, also chaired a session on Rural Industrialisation in Asia, Problems and Issues, (c) the seminar on Long-Term Planning Cooperation between India and Pakistan at Islamabad 14-16th October 1986, and (d) the workshop on Development Administration for Ministers and Civil Servants held in September 1986 at the Administrative Staff College of India, Hyderabad.

### 5.3.23 State Plans Division

(i) The important activities of the Division included coordination work relating to outlays and expenditure of States and Union Territories, the issuing of guidelines to the States/UTs for the formulation of the Annual Plan 1987-88, construction of the Working Groups for discussing the Annual Plan proposals, preparation of background notes on the basis of the draft plan proposals received from States/UTs, arranging of meetings at the official/Ministerial levels for finalising the Annual Plan outlays of the respective States, preparation of Advisers' reports in connection with the finalisation of Annual Plan outlays for State/UTs. The Division also undertook the preparation of the summary record of the meetings between the Deputy Chairman, Planning Commission and the Chief Ministers for finalising the States/UTs Annual Plan 1987-88.

(ii) The Division also examined adjustment proposals regarding revision of Annual Plan 1986-87 outlays under earmarked/unearmarked sectors/projects/schemes, for the purpose of issuing revised outlay approval letters to States/UTs for the Annual Plan 1986-87. Approval letters were issued in respect of the Annual Plan 1987-88 indicating also the outlays under MNP, earmarked and unearmarked sectors.

(iii) A system of quarterly monitoring of earmarked outlays in physical and financial terms in respect of States/UTs has been introduced from the current year. A note indicating the position as it emerged from an analysis of the expenditure returns for the first quarter of the year obtained from States/UTs was prepared. It has been decided that the Division would also be monitoring maintenance expenditure and the progress of achievement in physical terms in the earmarked sectors besides monitoring the progress of expenditure in earmarked as well as unearmarked sectors.

(iv) Officers of the Division were associated with various Central Teams sent by the Ministry of Agriculture to different States for assessment of damages caused on account of natural calamities and for recommending advance Plan assistance.

#### 5.3.24 Statistics and Survey Division

(i) The Division continued to work in close collaboration with the various Divisions of the Planning Commission and the concerned Divisions of the CSO, Statistical Units of the Central Ministries and State Directorates of Economics and Statistics.

(ii) A Working Group on Economic Advice and Statistics was constituted to consider the plan proposals of the State Governments for inclusion in the Annual Plan 1987-88. The Division examined the plan proposals of the State DES, prepared briefs for the Working Group to recommend plan outlays for different schemes submitted by the State DES.

(iii) Technical details of the Statistical schemes of the Department of Statistics and Office of the Registrar General, India, proposed for inclusion in the Annual Plan 1987-88 were examined and comments furnished to the Planning Commission.

(iv) The folder 'India's Economy in Figures 1986' (both English and Hindi versions) and the Basic Statistics relating to

the Indian Economy 1985 issues were brought out and 1986 issue sent to Press.

(v) The Division was associated in the implementation of the recommendations of the Standing Committee for (a) Directing and Reviewing Improvement of Data base for Planning and Policy making, and (b) Improvement of Data Base for Decentralised sector.

### 5.3.25 Indo-Japan Study Committee

(i) The Indo-Japan Study Committee undertakes studies on selected subjects with a view to fostering greater understanding and co-operation between India and Japan. The India Committee and its counterpart, the Japan Committee hold joint meetings once a year alternatively in India and Japan.

(ii) The last joint meeting was held at Tokyo in March, 1986. A report on "Technology Transfer and Industrial Co-operation: Problems and Prospects" was prepared along with the agenda and background papers and was presented in the meeting. Recommendations of the meeting were sent to the concerned Ministries/Departments/Institutions for consideration.

(iii) It was declared at the last meeting that the next joint meeting would review the specific aspects of co-operation between India and Japan in the field of trade and technology, and the Indian side offered to undertake a study on this subject. Accordingly, a paper is being prepared for consideration at the next joint meeting scheduled to be held in New Delhi in 1987. Papers are also being prepared on international economic and political trends in Indian economy.

(iv) During the year, the Division held several meetings with the visiting Japanese delegations and officials regarding Indo-Japanese economic and political relations.

(v) Three periodical reports on Economic Development in Japan with special reference to Indo-Japanese co-operation have been brought out during 1986-87.

(vi) A meeting was held at New Delhi on 18 February 1987 to discuss Indo-Japan economic relations. About forty top industrialists and officials participated and offered their views on the Indo-Japanese joint ventures and trade and the difficulties experienced by them in acquiring technology from Japan. The

suggestions of the meeting would be considered in the next joint meeting to be held in Delhi in 1987.

### **5.3.26 Communications, Information and Broadcasting Division**

(i) The Division prepared the Chapter on Communications for the Annual Plan 1986-87. The Annual Plan 1987-88 proposals of the Ministry of Communications were examined and discussed with special emphasis being accorded to modernisation, expansion, harnessing and augmenting of Communication capabilities and corrective steps to eliminate operational losses.

(ii) The Division organised several meetings of the Expert Group on Communications Sector Modelling. The Group under the chairmanship of Dr. Y. K. Alagh has identified certain areas of research in the field of Communication which will lead to a deeper understanding of the role of communication in the socio-economic development of the country.

### **5.3.27 Plan Information and Publicity Division**

(i) The Division drafted the Chapters on Information and Broadcasting for the Annual Plan 1986-87. The Division examined the Annual Plan 1987-88 proposals of the Ministry of Information and Broadcasting and the Department of Space (INSAT—Space Segment) and prepared evaluation notes thereon. In addition the Division examined the schemes relating to Information and Publicity Sector of the Annual Plan of all States and Union Territories.

(ii) The Division operates an internal information service based on the news received through teleprinter and various newspapers and journals. This is being done for the use of Deputy Chairman, Members, Secretary and senior officers of the Planning Commission.

(iii) In furthering the efforts of evolving media strategy, the Plan Information and Publicity Coordination Committee met a couple of times under the Chairmanship of Deputy Chairman, Planning Commission and with active participation of Member (A) and Secretary, Planning Commission.

(iv) During the year under report, the Division was involved in the work pertaining to the printing and distribution of various

publications including Annual Plan 1986-87. These documents were given wider circulation by supplying them to Ministers, Members of Parliament, State/UT Governments, Universities, Libraries and Research Institutions. Publications, on request, were also made available to research scholars and students of various universities/colleges.

(v) A list of publications brought out by the Planning Commission during the year is given below:

- (a) Record of the Joint Meeting of India and Japan Study Committee.
- (b) Annual Report 1985-86 (English)
- (c) Annual Report 1985-86 (Hindi)
- (d) Working Group Report on Hill Area Development Programme.
- (e) Working Group Report on Tribal Development.
- (f) Towards Improved Local Level Planning for Rural Development—Lessons from some experiences.
- (g) A Technical Note on the Seventh Plan of India 1985—90 (English)
- (h) Towards the Successful Implementation of the Seventh Plan : An Overview.
- (i) Annual Plan 1986-87 (English)
- (j) Annual Plan 1986-87 (Hindi)
- (k) National Rural Energy Planning Exercise.

### 5.3.28 Plan Coordination Division

(i) The Division is responsible for general coordination in the Planning Commission, including coordination of work relating to Parliament. Specifically, it is responsible for coordinating the preparation of the five Year Plans and of the Annual Plan documents, besides coordinating the Annual Plan discussions relating to the Central Ministries.

(ii) During the year, the Division organised a meeting of the National Development Council in April 1986 to discuss the New Education Policy. The agenda papers for the meeting were prepared by the Ministry of Human Resource Development.

(iii) The Division coordinated the work in respect of the preparation of the Annual Action Plan and the monthly progress reports thereon.

(iv) The Division has been providing secretariat support to the Committee of the National Development Council constituted to examine the various issues raised in the Report of the Ramamurthi Committee on the Centrally sponsored schemes and programmes. In pursuance of a decision of the NDC Committee, a Group of Officers headed by Secretary, Planning Commission and consisting of Secretaries of the Ministries having the largest number of Centrally sponsored schemes as also some Chief Secretaries was constituted to examine all the Centrally sponsored schemes with a view to recommending the transfer of those not considered to be of national importance or intended to promote human resource development to the State Plans. Secretariat support to the Group of Officers is provided by the Division.

(v) The Division coordinated the work for finalising the Annual Plan 1986-87 document which was later placed in both the Houses of Parliament.

(vi) The Division coordinated the work relating to the publication of the Annual Plan 1986-87. Arrangements were also made for discussions with the Central Ministries/Departments of their Annual Plan proposals for the year 1987-88. Annual Plan allocations of the Central Ministries/Departments for the year 1987-88, were finalised in consultation with the Ministry of Finance and the Prime Minister's Office and communicated to the Ministries for incorporation in the Plan Budget.

(vii) The Division prepared and circulated the summary records for the meetings of the full Planning Commission, the National Development Council and the Consultative Committee of Parliament.

### 5.3.29 Use of Hindi

(i) In pursuance of the Official Language policy and Official Language Rules, 1976, progress was maintained in the use of Hindi in the Official work of the Planning Commission by observing the Annual Programme issued by the Department of Official Language specially in regard to Correspondence, General Orders and Bilingual Forms. Four meetings of the Hindi Salahkar Samiti of the Ministry of Planning as also four meetings of

the Official Language Implementation Committee of the Planning Commission, were organised during the year. The suggestions made in these meetings for the progressive use of Hindi, were implemented as far as possible and efforts were continued for augmenting use of Hindi for Official purposes. The case of upgrading the post of Deputy Director to Director (O.L.) and creation of two posts of Assistant Directors was taken up with the Ministry of Finance at the level of Planning Secretary. Hindi Day and Hindi Week were organised in the month of September, 1986 and six Workshops were also organised. Kautilya Award Scheme for writing original book in Hindi on subjects relating to Planning was introduced in which, besides other Awards, the First Award is of Rs. 5000/-.

(ii) During the year under review, the following documents were brought out in Hindi.: (a) Annual Plan 1986-87, (b) Agenda items and other papers relating to Consultative Committee, (c) Questions and Answers of Estimates Committee, (d) Answers to Questionnaire regarding inspection of planning Commission by third Sub-committee of the Parliamentary Committee on Official Language, (e) Report of the Committee to review the existing administrative arrangements for Rural Development and Poverty Alleviation Programmes.

#### 5.4.30 Library

(i) The Planning Commission Library continued to provide reference service and lending facilities to all the staff members of the Planning Commission including the Programme Evaluation Organisation. It also provided consultation facilities and reference service to researchers, scholars and officers of other organisations, institutions and Universities etc. During the year under report, 3238 publications were added and 750 titles of periodicals were received in the Library. The Library also answered 23850 reference questions and attended to the specific needs of 11725 persons. About 25600 readers visited the Library.

(ii) The Library brought out regularly a fortnightly list of selected articles, indexed out of the journals received, called the 'DOC PLAN'; a fortnightly list of new books added to the library called the 'RECENT ADDITIONS', a quarterly service called the 'PCL ABSTRACTS'.

#### **5.4.31 Administration**

(i) During the year 1986-87, it was ensured through regular checks and scrutiny that the orders issued by the Department of Personnel and Training, Government of India, in regard to the reservation of SC/STs in Civil posts are duly complied with. Director (Admn.) functions as the Liaison Officer for the purpose in respect of the Planning Commission, Programme Evaluation Organisation and its field units.

(ii) During the year under report, no such case came to the notice where the instructions issued by the Department of Personnel & AR relating to the employment of Ex-Servicemen in the Planning Commission have not been followed.

## CHAPTER VI

### GRANTS-IN-AID

6.1 During the year 1986-87, grant-in-aid amounting to Rs. 23.7 lakhs was released upto the end of December, 1986 by the SER Unit for research studies connected with plan formulation and implementation. Out of this, Rs. 6.9 lakhs was given under the block grant pattern to four institutions, viz., The Institute of Economic Growth Delhi (Rs. 2.7 lakhs) The University of Bombay (Rs. 2.3 lakhs) National Institute of Public Finance and Policy, New Delhi (Rs. 37,000) and the Gokhale Institute of Politics and Economics, Pune, (Rs. 1.5 lakhs). The remaining amount of Rs. 16.8 lakhs was given under the project grant pattern to various research institutions for undertaking research on the approved on-going and new studies/seminars/conferences/publications on behalf of the Commission as indicated below :

Subject	Institute/University	Amount Rupees
(1) Rural Landless Development Guarantee Programmes in selected districts of West Bengal and Orissa.	Centre for Regional Ecological Science Studies in Deveolpment Alternatives, Calcutta.	58000/-
(2) Scheme for development of women and Children in the Rural Areas (DWCRA)	—do—	5000/-
(3) Seminar on Exploring India's Development Perspective for the year 2000.	Indian Association of Social Science Institution New Delhi.	45000/-
(4) XI World Congress of Sociology August 18-22, 1986.	Indian Sociological Society, Bombay.	45000/-
(5) Study of Mass Media as Input into Plan Implementation.	Mass Communication Research Centre, New Delhi.	32000/-
(6) Alleviation of Urban Poverty.	National Centre for Human Settlements and Environment, Bhopal.	100000/-
(7) Holostic Modality for Interface operation in Integrated Health.	Institute of Child Health Calcutta.	36000/-

1	2	3	4
(8)	Seminar on National Building and Development Process-Role of Communication.	Centre for Area Development and Action Research Studies, N. Delhi.	45000/-
(9)	Irrigation Projects and their utilisation with reference to West Bengal.	Centre for Studies in Economic Appraisal, Calcutta	40000/-
(10)	An Integrated Approach to the Emerging Metropolises of Visakhapatnam and its Hinterland.	Institute of Development and Planning Studies, Visakhapatnam.	85000/-
(11)	Tax Rates and Revenue—A Quantitative Study.	Centre for Multi-Disciplinary Research, Dharwad.	28000/-
(12)	A study of vocationalization of Education at the Higher Secondary stage in Andhra Pradesh, Tamil Nadu and West Bengal.	Indian Institute of Education, Pune.	50000/-
(13)	Development Strategies for Less Developed Regions-Studies in Western U.P. and Bundelkhand District, M.P.	Govind Ballabh Pant Social Science Institute, Allahabad.	50,000/-
(14)	International Conference on Transportation system Studies.	Indian Institute of Technology, New Delhi	45000/-
(15)	Evaluation of Wool Development programmes in relation to sheep breeding, wool production and supply.	Indian Institute of Management, Ahmedabad	30000/-
(16)	Old (Walled) Cities in India—A Case study of Hyderabad.	University of Hyderabad, Hyderabad.	32500/-
(17)	Management of Irrigation and its effect on Productivity under different environment and technical conditions.	Madras Institute of Development Studies, Madras.	37500/-
(18)	Extent, Forms and Linkages of Common Property Land in Kosi Embankment Area North Bihar.	University of Delhi, Delhi.	16000/-

(19)	National Seminar on Wasteland Development 16-18 October, 1986 New Delhi.	Association for Wasteland Development, New Delhi.	13500/-
(20)	An In-depth study of vocationalisation of Education at the Higher Secondary stage in Karnataka.	Karnataka University, Dharwad.	20000/-
(21)	Problems and prospects of Soyabean production marketing and processing in M.P.	Institute of Development Studies, Bhopal.	46350/-
(22)	Evaluation of Studies relating to Energy, Forestry, Health and Environment in Eastern India.	Centre for Regional Ecological and Science studies in Development Alternatives, Calcutta.	20000/-
(23)	Seminar on "New Dimensions of the Statistical System for the 21st Century".	Association for the Study of Population, New Delhi.	27000/-
(24)	Challenges of Transformation of Society and Culture in India.	XIth Indian Social Science Congress, C/o Indian Academy of Social Science, New Delhi.	22500/-
(25)	Study of the adverse effects of Development works (with special reference to Rail and Road Embankments)	National Institute of Social Work and Social Sciences, Bhubaneswar.	50000/-
(26)	An Economic Survey of Lathyrus Cultivation and its probable substitutes in MP.	Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur.	30000/-
(27)	Ancillarisation of Public and Private Undertaking as per the guidelines of the Bureau of Public Enterprises.	Indian Centre for Economic and Social Research Hyderabad.	18000/-
(28)	Regional Model of Agriculture.	Indian Statistical Institute, Calcutta.	50000/-

1	2	3	4
(29)	Inter-face study on socio-economic impact of income generating schemes (Training, Employment and self-employment facilities) for Tribal women in the Integrated Rural Development Programme under 20-Point Programme in Orissa and Madhya Pradesh.	Jigyansu Tribal Research Centre, N. Delhi	80000/-
(30)	Seminar on Human Resources Development for Irrigation Management.	Irrigation Research Academy, Bangalore.	13500/-
(31)	Economic Evaluation of the role of Women in Dairy Development in Rajasthan.	Vikram Research and Development Centre, Jaipur	24000/-
(32)	International Congress on Human Settlements in Developing Countries in January, 1987.	Centre for Human Settlements, Calcutta.	22500/-
(33)	Evaluation of Anti-poverty programmes in Eastern India.	Centre for Regional Ecological and Science studies in Development Alternatives, Calcutta.	20000/-
(34)	Estimation of Feed, Seed and Wastage rates in foodgrains.	Techno-Economic Research Institute, New Delhi	35000/-
(35)	Prospects for Improvement in Production and productivity of Pulses in India with particular reference to U.P.	Institute of Applied Statistics and Development Studies, Lucknow.	35000/-
(36)	The XIX Annual Convention on Diabetes Mellitus and Infant Feeding.	Indian Diabetic Association, New Delhi.	9000/-

6.2 The Institute of Applied Manpower Research New Delhi, functioning under the administrative control of the Planning Commission was given grants in-aid amounting to Rs. 35.00 lakhs by the end of December 1986 to continue its research and other activities.

## Annexure I

### List of Studies|Seminars|Conferences approved

#### STUDIES

- (1) Monetary and Fiscal Policies in Planning Model-Indian Institute of Technology, Delhi.
- (2) Economic Evaluation of Role of women in Dairy Development in Rajasthan-Centre for Agricultural Rural Development Studies, New Delhi.
- (3) "Evaluation of Studies relating to Energy, Forestry, Health and Environment in Eastern India" Centre for Regional Ecological and Science Studies in Development Alternatives' New Delhi.
- (4) "Evaluation of Anti-poverty Programme in Eastern India" Centre for Regional, Ecological and Science Studies in Development Alternatives, New Delhi
- (5) "Projects of Improvements in production and productivity of Pulses in India with particular reference to UP" Institute of Applied Statistics and Development Studies Lucknow.
- (6) "An Intensive Study of the Cost Effectiveness of the Mid-day Meals and other Incentive Programmes with particular reference to their impact on enrolment, attendance and retention of pupils at the elementary Education Stage (age group 6-11)"—Prof Tapas Majumdar, Zakir Hussain Centre for Educational Studies, JNU, New Delhi.
- (7) "An Integrated view of Hydro Electric Projects and Resources constraints on the environment in the Bhagirathi and Alaknanda Catchments UP"—National Centre for Human Settlements and Environment, Delhi.

## SEMINARS/CONFERENCES

- (1) "Seminar on Exploring India and development perspective for the year 2000"—Indian Association of Social Science Institutions" New Delhi.
- (2) "National Building and Development Process—Role of Communication"—CADARS, New Delhi.
- (3) "National Seminar on Wasteland Development" Association for Wasteland Development, New Delhi.
- (4) "Challenges of Transformation of Society and Culture of India"—Indian Social Science Congress, JNU, New Delhi.
- (5) New Dimensions of the Statistical Systems for the 21st Century"—Indian Association for the Study of Population C/o Instt. of Economic Growth, New Delhi.
- (6) "The XIX Annual Convention on Diabities Mellitus and Infant Feeding" The Indian Diebetic Association, New Delhi.
- (7) "International Congress on Human Settlements in Developing countries"—Centre for Human Settlements, Calcutta.
- (8) Seminar on "Human Resources Development for irrigation Management"—Irrigation Research Academy, Bangalore.
- (9) XI Indian Social Service Congress, Indian Academy of Social Sciences, JNU, New Delhi.
- (10) Annual Conference of Indian Econometric Society, Delhi.
- (11) Seminar on Resource Mobilization by National Institute of Public Finance and Policy, New Delhi.
- (12) Seminar on Urbanization, Growth of Slums, Social Conflicts and Environmental Hazards, Joshi Adhikari Institute of Social Studies, New Delhi.

**LISTS OF STUDIES COMPLETED AND DRAFT REPORTS  
REVIEWED DURING 1986-87**

- (1) "Inter-State study on Socio-Economic Impact of Income Generating Schemes (Training, Employment and Self-Employment Facilities) for Tribal Women in Integrated Rural Development Programme under the 20-Point programme in Orissa and Madhya Pradesh"—Jigyansu Tribal Research Centre, New Delhi.
- (2) "A Study of Vocationalization of Education at the Higher Secondary stage in Andhra Pradesh, Tamil-Nadu and West Bengal" Indian Institute of Education, Pune.
- (3) "The Developmental Impacts of Employment Guarantee Schemes in Maharashtra" Tata Institute of Social Sciences, Bombay.
- (4) "Old (walled) Cities in India A Case Study of Hyderabad"—University of Hyderabad, Hyderabad.
- (5) "Growth with Income Distribution and Price changes with special focus to LES demand functions"—Indian Statistical Institute, Calcutta.
- (6) "Tax rates and Revenue: A Quantitative Study" Centre for Multi-Disciplinary Research" Dharwad, Karnataka.

# PLANNING COMMISSION

## Annexure III

Information regarding the number of deputations/delegations sent abroad during the year 1986-87, the number of persons included in these deputations, the total expenditure Incurred thereon etc.

S.No.	Name of the officer with designation	Name of the country/ place visited	Purpose of visit	Duration	Expr. borne by the Govt.
1	2	3	4	5	6
1	Dr. Manmohan Singh, Dy. Chairman	Helsinki (Finland)	(1) For attending the meeting of the International Advisory Group set up by the United Nations World Institute for Development Economic Research	March 6-7, 1987	All expenses borne by the Organisers.
	Do.	Kuwait	(2) For Participation in the Seminar on Development Planning in the Arab World organised by the Arab Fund for economic and Social Development.	Oct. 25-29, 1986	All expenses borne by the Govt. of India (PC).
2	Shri Ajit Kumar Panja Minister of State for Planning	Bhutan	Visit in connection with the discussion on number of diverging points in the plan programme of that country	July- 8-11, 1986	All expenses borne by the Government of India (Planning Commission).
	Shri K. D. Saksena, Joint Secretary				
	Dr. R. Mandal, Private Secretary				
	Shri S. K. Mitra, Ist PA				

1	2	3	4	5	6
3	Prof. M.G.K Menon, Member	Tokyo (Japan)	(1) For attending the Session of the Council of the UN University	July 4-11,1986	All expenses borne by the Organisers.
	Do.	Mexico	(2) For attending the meeting of the small Group of International Scientists constituted by Parliamentarians Global Action prior to second Summit meeting of Six Leaders of five continents Peace Initiative.	August 2-10,86	All expenses borne by the Govt. of India (Planning Commission).
	Do.	Berne (Switzerland)	(3) For attending the 21st General Assembly of the International Council of Scientific Unions (ICSU)	Sept. 14-19,86	All expenses borne by the Organisers.
		Notre Dame (USA)	(4) For attending the meetings of:—	Oct. 15-30,1986	All expenses borne by the Organisers. Local Costs etc. borne by the Govt. of India (Planning Commission).
			(i) University of Notre Dame, USA		
		Canada	(ii) Board of Governors of the International Development Research Centre (IDRC).		
		Italy	(iii) 3rd World Academy of Sciences in Trieste.		
		Italy	(iv) The Pontifical Academy of Sciences (PAS).		
		Tokyo (Japan)	(5) For attending the Session of the Council of the UN University	Nov. 26, 1986 to Dec. 5, 1986	All expenses borne by the organisers.
		France (Paris)	(6) For attending the meeting of Executive Board of International Council of Scientific Unions (ICSU).	January 30-31,1987	Do

4	Shri Abid Hussain, Member	France	(1) To participate in the Saminar on Industrial and Economic Cooperation.	Feb. 5-7, 1986	All expenses borne by the Govt. of India (ICSR).
		Montreux (Switzerland)	(2) For participation in the High Level Round Table on the United Nations Code of Conduct on Transnational Corporations.	Oct. 3-4, 1986	All expenses borne by the organisers.
		Vienna	(3) For attending the meeting of the Special Advisory Group of the UNIDO.	February 9-11, 1987	Difference in travel expenses borne by the Govt. of India (Planning Commission).
5	Dr. C.H. Hanumantha Rao, Member	France	For attending the Seminar on Technological Choices for Rural Development.	March 16-19, 1986	All expenses borne by the Government of India (ICCR).
6	Dr. Raja J. Chelliah, Member	Harare (Zimbabwe)	(1) To chair the meeting of the Commission of Inquiry into Taxation.	April 5-27, 1986	All expenses borne by the Organisers.
		Greece (Athens)	(2) For attending the Congress of the International Institute of Public Finance.	August 25-29, 1986	All expenses borne by the Govt. of India (Planning Commission).

1	2	3	4	5	6
7	<p>Dr. Raja J. Chelliah, Member</p> <p>Dr. P.C. Joshi, Adviser (IE)</p> <p>Dr. P.D. Mukherji, Adviser (FR)</p> <p>Dr. S.R. Hashim, Consul- tant (PP)</p> <p>Shri Sarat Chandran, P.S. to Deputy Chairman</p>	Hungary	Delegation for attending the first meeting of Indo-Hungarian Planning Experts.	Nov. 17-21, 1986	All expenses borne by the Government of India (Planning Commission)
8	<p>Shri Abid Hussain, Chairman, India-Japan Committee &amp; Member, Plg. Comm.</p> <p>Prof. S. Ramaseshan, Raman Research Institute, Bangalore</p> <p>Dr. P.C. Joshi, Member- Secy. (IJC) and Adviser Planning Commission.</p> <p>Shri I.E. Scares, Dy. Adviser India-Japan Study Committee.</p>	Tokyo (Japan)	Delegation to Japan for attending the joint meeting of the India and Japan Study Committee.	March 6-7, 1986]	All expenses borne by the Government of India (Planning Commission).

- 9 Dr. Abid Hussain, Member  
Dr. P.C. Joshi, Adviser USSR  
Dr. (Mrs.) R. Thamara- (Moscow)  
jakshi, Adviser

For meeting of the Indo-Soviet August 25-30, 1986  
Planning Group.

Dr. (Mrs.) Manju Sharma  
Chief  
Shri De vendra Narain,  
Joint Adviser.

All expenses borne  
by the Govt. of  
India (Planning  
Commission). Ex-  
penses in respect of  
Dr. (Mrs.) Manju  
Sharma borne by  
the Cabinet Secre-  
tariat.

- 10 Dr. Y.K. Alagh Islamabad  
Chairman, Bureau of (Pakistan)  
Industrial Costs and  
Prices.

Delegation for participation in the October 14-16, 1986  
Seminar on Long Term Planning  
Cooperation between India and  
Pakistan.

Shri Mahesh Prasad,  
Adviser (PC)

Dr. (Mrs.) R. Thama-  
rajakshi, Adv. (LEM)

Dr.S.R. Hashim,  
Consultant (PP)

Shri B.D. Jethra,  
Jt. Adviser (IBM)

Shri M.V. Pavate,  
Joint Adviser (Agri.)

All expenses in re-  
spect of Dr. Y.K.  
Alagh, Chairman  
of BICP, borne by  
the Bureau of In-  
dustrial Costs and  
Prices and all ex-  
penses in respect of  
other officers borne  
by the Planning  
Commission, Go-  
vernment of India.

1	2	3	4	5	6
11	Dr. S.R. Hashim, Consultant (PP)  Shri S.N. Raghavan, Deputy Adviser	China	For participation in the Conference on the Asian Pacific Economy Towards the year 2000 co-sponsored by the APDC, the Chinese Academy of Social Sciences and the Research Centre for Economic Technological and Social Development in the State Council, Govt. of India.	Nov., 12-15, 1986	All expenses borne by the Organisers.
12	Dr. S. Varadarajan, Chief Consultant	Geneva	For participation in the meeting organised by the Chairman of the Scientific Group on Methodologies for the Safety Evaluation of Chemicals.	October 8-13, 1986	Do.
13	Shri S.L. Khosla, Adviser	Paris (France)	To participate in the Workshop Gas Industry Management.	March 2-4, 1986	Do.
14	Dr. K. Kanungo, Adviser	Washington (USA)	For participation in the Seminar on Agricultural Sector Policy Analysis Economic Development Institute (EDI) of the World Bank.	May 5-16, 1986	Do.
15	Dr. R.P. Sengupta, Adviser (Modelling)	Canada	For attending the meeting on Technical Working Groups of Centre for International Development Agency (CIDA)	April 10-20, 1986	Do.

16	Dr. S.K. Chopra, Adviser	USA & Canada	For attending the Workshop on Energy Decision Making in Stanford and also visited the International Development Research Centre Headquarters in Canada.	July 6-10, 1986	Travel expenses borne by the Indian Council of Social Science Research, New Delhi, and travel expenses and stay expenses in Canada borne by the IDBU.
17	Shri C.G. Desai, Adviser	U.S.A.	For participation in the International Seminar on Operation, Maintenance and Management of Irrigation and Drainage Projects.	28-10-86 to 6-11-86	All expenses borne by the Government of India (Planning Commission).
18	Dr. U.K. Kohli, Adviser	U.S.A.	For attending the Conference on Training and Development.	August 23, 1986 to Sept., 1 1986	Travel expenses borne by the Indian Society for Training and Development, New Delhi and other expenses such as stay etc. borne by the Planning Commission.
19	Dr. Harcharan Singh, Adviser	Thailand	For attending the Seminar on Population Policies for Top-Level Policy Makers and Programme Manager under ESCAP.	January 14-29, 1987	All expenses borne by the Organisers.

1	2	3	4	5	6
20	Dr. (Mrs.) Manju Sharma, Joint Adviser	Canada	For attending the meeting on Technical Working Groups of Centre for International Development Agency (CIDA).	April 10-20, 1986	Do.
	Do.	Bangkok	To participate in the Regional Seminar on Global Habitability organised by the Columbia University, U.S.A.	June 2-5, 1986	Do.
21	Dr. Padam Singh, Joint Adviser	China	For attending the Seminar on Development Experience in developing countries in the ESCAP Regions.	24-5-1986 to 6-6-1986	Do.
22	Shri N.K. Dikshit, Joint Adviser (I&CAD)	Sri Lanka	For attending the Asian Regional Symposium on Irrigation Design for Water Management.	February 15-20, 1987	All expenses borne by the Government of India.
23	Dr. K.G. Krishnamurthy, Joint Adviser	Bhutan	Indian delegation to Bhutan in connection with providing technical assistance to the Govt. of Bhutan.	Sept., 23-28, 1986	Do.
	Shri A.C. Garg, Joint Adviser				
	Shri N.L. Meena, Deputy Adviser				
	Shri O.P. Chopra, Deputy Adviser				
	Shri R.M. Shukla, Deputy Adviser				
	Shri N. Rasul, Deputy Adviser.				

24	Shri Shadi Lal Shri K. Chellani Shri Bhim Sen Shri Janak Raj Bhatia Shri K.V. Ramadoss Shri Rajender Kumar Pruthi (Sr. Programmers)	Singapore	Deputation for training in connection with the augmentation of the Computer System.	3-3-1986 to 25-4-1986	All expenses borne by the Government of India (Planning Commission).
25	Shri R.K. Parashar, Deputy Adviser,	Paris	For participation as an Expert to training Seminar in Evaluation for the Headquarters Staff of the UNESCO authorities.	October 13-17, 1986	All expenses borne by the Organisers.
26	Shri H.L. Harit, Deputy Adviser	Cuba	Indo-Cuban Cultural Exchange Programme 1984-86 Observance of Article 20—To study child care services in the two countries.	June 4-15, 1986	All expenses borne by the Government of India (Planning Commission).
27	Shri P.K. Biswas, Deputy Adviser	Japan	For attending the Workshop on Environmental Planning and Management under the co-sponsorship of UNCRD, IDEC and UNEP.	Nov. 10-21, 1986	All expenses borne by the Organisers.
28	Shri R.C. Mahajan, Sr. Research Officer	Kuala Lumpur	For participation in the training programme on Energy/Planning of the Asian and Pacific Development Centre.	May 20-30, 1986	Do.
29	Shri T.G. Srinivasan, Sr. Research Officer	Japan	For attending an international input-output Conference.	28-7-1986 to 2-8-1986	All expenses borne by the Government of India (Planning Commission).

## ANNEXURE IV

