

# ANNUAL REPORT

1985-86



सत्यमेव जयते

GOVERNMENT OF INDIA  
PLANNING COMMISSION

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## CHAPTER I

### INTRODUCTION

1.1 Shri Buta Singh, Minister of Agriculture, was appointed as member of the Planning Commission in August 1985. The present composition (February 1986) 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 Finance                    |                 |
| 5. Shri Buta Singh . . . . .           | Member          |
| Minister of Agriculture                |                 |
| 6. Dr. C.H. Hanumantha Rao . . . . .   | Member          |
| 7. Prof. M.G.K. Menon . . . . .        | Member          |
| 8. Dr. Raja J. Chelliah . . . . .      | Member          |
| 9. Shri Hiten Bhaya . . . . .          | Member          |
| 10. Shri Abid Hussain . . . . .        | Member          |

1.2 Shri A. K. Panja was appointed as the Minister of State for Planning in September 1985.

1.3 Shri C. G. Somiah was appointed as the Secretary of the Planning Commission in May 1985.

## 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 six times. At the suggestion of the Prime Minister, who is the Chairman of the Consultative Committee, made in the meeting on 7th May, 1985, it was decided to consider one specific subject for discussion in each meeting of the Committee, instead of discussing many diverse items. The following subjects were discussed in the various meetings :

Date of the Meeting	Subjects Discussed
1. 7-5-1985	(a) (i) A note on the preparation of the Seventh Five Year Plan. (ii) An outline of some major thrusts of the Seventh Plan. (iii) Various items suggested by Members of the Committee.
2. 10-7-85	(b) Poverty Alleviation Programmes and their implementation.
3. 19-8-85	(c) Family Welfare.
4. 4-11-85	(d) Role and Functioning of the Planning Commission.
5. 20-12-85	(e) Role and Functioning of the Public Sector.
6. 11-1-86	(f) (i) Role and Functioning of the Public Sector. (ii) Education with special Focus on Vocationalisation.

## CHAPTER III

### ANNUAL PLAN 1985-86

3.1 The resources for the first year of the Seventh Plan were reviewed and estimates prepared for the second year of the Seventh Plan. The Annual Plan document for 1985-86 was prepared and published.

### ANNUAL PLAN 1986-87

3.2 On the basis of the discussions held with the Central Ministries during November-December 1985, the outlays for the Annual Plan 1986-87 of the Centre were finalised and sanction letters issued to the various Ministries communicating their respective Annual Plan 1986-87 outlays. The finalisation of Plan outlays for 1986-87 in respect of States and Union Territories has been completed by mid-February 1986.

### SEVENTH FIVE YEAR PLAN 1985-90

3.3 Discussions were held with the Central Ministries, State Governments and Union Territory Administrations. The draft Seventh Five Year Plan 1985—90 was finalised by the Planning Commission in September 1985. It was considered by the Cabinet in October 1985 and approved by the National Development Council early in November 1985. Copies of the document were placed in both the Houses of Parliament in the first week of December 1985. Both Houses discussed the Plan during the 1985 Winter Session of Parliament.

## 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, the Organisation's sphere of work and activities has gradually extended and diversified, and in more recent years has covered evaluation studies of Plan programmes/schemes in a variety of sectors, viz., Agriculture, Cooperation, Rural Industries, Health, Family Welfare, Rural Employment, Public Distribution, etc.

4.2 During the year under review (1985-86), one of the main activities of the PEO continued to be that of carrying out evaluation studies in respect of the implementation 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 different components of such programmes. Based on the findings of the studies conducted, reports are brought out by the Organisation which also inter-alia indicate the lines and directions along which further improvements in the programmes studied could be brought about.

4.3 Some of the highlights and the main activities of the Programme Evaluation Organisation during the year under report are briefly as follows :—

- (i) The "Evaluation Report on Essential Supplies Programme", finalised towards the end of the preceding financial year, was released early in April 1985.
- (ii) The "Evaluation Report on Integrated Rural Development Programme" was finalised and released.

The report is under publication and its printed copies are expected to be available before the end of the financial year.

- (iii) An Evaluation study of the Family Planning Programme is nearing completion and is expected to be released shortly.

4.4 Apart from the studies finalised|released during the course of the year, work on some major evaluation studies of an all-India nature was carried on. These studies, which were in different stages of preparation during the year, include :

- (i) Evaluation study of the Integrated Tribal Development Projects.
- (ii) Evaluation of the National Rural Employment Programme.
- (iii) Evaluation of the Social Forestry Programme.
- (iv) Evaluation of the Rural Functional Literacy Programme.

4.5 The preparation of the reports on two of these studies will reach an advanced stage by the close of the year. A good part of the field work and the initial examination and some processing of the data and information collected for another of these studies is also expected to be over by that time. Further, a considerable amount of initial preparatory work on planning fresh studies was undertaken.

4.6 The senior officers at the PEO Headquarters extended technical assistance to the Department of Rural Development, Ministry of Agriculture, in drawing up a scheme for intensive monitoring and evaluation of the IRDP with the help of different research organisations|agencies in the country. They also participated in a number of seminars and conferences. The Chief of the PEO participated in the Seminar on the Role of Foodgrains Agencies in Asia and the Pacific sponsored by the Food and Agriculture Organisation (FAO), Association of Food Marketing Institutions in Asia and the Pacific (AFMA) and the Food Corporation of India (FCI) held at Vigyan Bhawan, New Delhi from 23 to 25 April 1985. He contributed a paper on "Functioning of the Public Distribution System in India--An Evaluation" to serve as a position paper for one of the Seminar sessions.



4.7 Coincidental to its main functions, the PEO has, for some years past, been assisting in conducting and organising training courses in evaluation methodology and techniques for senior, supervisory and junior level evaluation personnel. During 1985-86, the PEO collaborated with the Training Division of the Department of Personnel and Training in convening the following three courses which were attended by the officers| staff nominated by different State Governments, the Central Ministries and the PEO.

- (i) Training Course on Evaluation Methodology and Techniques for supervisory level evaluation personnel at Vaikunth Mehta National Institute of Cooperative Management, Pune, from 11 June to 1 July 1985.
- (ii) Training Course on Evaluation Methodology and Techniques for junior level personnel at the State Planning Institute, Lucknow, from 8 July to 27 July 1985.
- (iii) Training Course on Evaluation Methodology and Techniques for supervisory level evaluation personnel at the National Institute of Rural Development, Hyderabad, 9-28 September 1985.

4.8 The Programme Evaluation Organisation also imparted short-term training on Evaluation Techniques and Methodology to a batch of 26 I.E.S. Probationers deputed by the Ministry of Finance, Department of Economic Affairs in May 1985.

#### *Computer Services Division*

4.9 Administratively, the Computer Services Division is a part of the Programme Evaluation Organisation. This Division has a complement of officers and staff headed by a Director equipped to undertake computer programming and data processing work and functions under the general supervision of Adviser (Evaluation). The Division has at present the facilities of the Interdata 8|32 Computer System, a modern third generation machine installed in Yojana Bhawan. However, with a view to up-grading and augmenting the system with a new Central Processor 3230, an agreement was concluded with the manufacturers during the year. The Computer Services Division has also acquired a Zenith Superscriber Micro Computer.

4.10 The work of this Division is broadly organised in three main units (i) Computer Operations, (ii) Data Preparation and (iii) Programme. During the period under report, the Division continued to offer high speed computational and data processing facilities to the PEO and other Divisions of the Planning Commission. While the Programme Evaluation Organisation and the Perspective Planning Division of the Planning Commission were the major users of the facilities of this Division, some other Divisions, viz., Monitoring and Information, Project Appraisal, International Economics, Labour, Employment and Manpower, Financial Resources, Rural Energy, Power and Energy, Transport and Agriculture Divisions and Planning Commission Library also availed of its facilities. The Division also provided facilities to outside users and handled jobs from about twenty-three organisations. Among these were the Advisory Board on Energy, Bureau of Industrial Costs and Prices, Central Public Works Department, Ministry of Finance, Council of Scientific and Industrial Research, Ministry of Home Affairs, International Airports Authority of India, Indian Statistical Institute, New Delhi, Jawaharlal Nehru University, Department of Tourism, Central Statistical Organisation, New Delhi, the Post and Telegraphs Board, New Delhi, the Indian Institute of Public Administration and Indian Roads Congress.

4.11 Apart from providing facilities for data processing as well as other analytical applications to the technical Divisions of the Planning Commission, the Computer Services Division has made a small beginning by way of assisting the Administration Division of the Planning Commission in some of its house-keeping functions. During the year under review, the monthly pay bills of all gazetted officers of the Planning Commission were computerised and the monthly statements of salary and other dues and deductions therefrom in respect of each of the officers were prepared and printed.

## CHAPTER V

### ACTIVITIES OF THE DIVISIONS

5.1 The Divisions of the Planning Commission were engaged in the preparation and finalisation of the Draft Seventh Five Year Plan Document for the consideration of the National Development Council as well as the appraisal of the resources for the second year of the Seventh Plan. The Draft of the Seventh Five Year Plan was considered and approved by the National Development Council in its meeting held on the 8 and 9 November 1985.

5.2 The Annual Plan document for the first year of the Seventh Plan 1985-86 was prepared and made available to Members of the Lok Sabha and the Rajya Sabha besides being placed in the Library of Parliament.

5.3 Simultaneously, the various Divisions were engaged in holding discussions with the State Governments|UTs and Central Ministries and in finalising the Annual Plan for 1986-87, the second year of the Seventh Five Year Plan.

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

#### 5.4.1 *Perspective Planning Division*

(i) The Division drafted the Chapters on Development Perspective "Towards the year 2000", 'Objectives, Strategies and Pattern of Growth in the Seventh Plan' and part of Chapter on 'Financing the Plan' of the Seventh Plan document.

(ii) The reports of the Sub-Group on Imports, and the Working Group on Balance of Payments for the Seventh Plan were finalised.

(iii) The report of the Study Group on Agricultural Strategies for the Eastern Region of India was finalised and published.

(iv) The Division worked out (a) Plan Model Scenario for the Seventh Plan and the long-term perspective in the light of alternative macro-economic aggregates for 1984-85, 1989-90 and 1999-2000, (b) Macro-economic Balances in alternative scenarios of financial resources of the public sector, (c) Agriculture Sub-Model for the Eastern Region, (d) The agriculture sub-model for All India was updated to examine the feasibility of the Seventh Plan Agricultural output targets based on demand, (e) Material balances for important commodities for the Seventh Plan, and (f) Intersectoral flow of funds and financing of investment for the Seventh Plan.

(v) Exercises were undertaken on (a) Employment estimation in different sectors and under IRDP, NREP and RLEGP during the Seventh Plan, (b) Estimation of Poverty ratio—Statewise, for 1977-79 (Revised) and 1983-84 (Provisional). (c) Sectoral allocation of public sector outlays during the Seventh Plan and (i) Preparation of Export Vector for 1984-85, 1989-90 and 2000, at 1984-85 prices.

(vi) The Division examined the project of the Indian Statistical Institute on sectoral and long-term modelling.

(vii) Notes were prepared on material balances and financing of public sector outlays in connection with the fourth meeting of the Indo-GDR Group of planning experts.

(viii) A note on the Seventh Five Year Plan and Private Sector was prepared for Minister of Planning.

(ix) A note was prepared for the Ministry of Finance giving materials on poverty situation, national income, ICOR for the meeting of the Aid India Consortium.

#### 5.4.2 *Economic Division*

The Economic Division of the Planning Commission comprises of two units (i) Economic Growth and Policy Unit which addresses itself to Economic Policy issues and (ii) Socio-Economic Research Unit which sponsors research studies of socio-economic nature useful for planning purposes.

##### (A) *Economic Growth and Policy Unit*

(i) The Unit was primarily engaged in analysing and reviewing the economic situation of the country during 1984-85 in

order to chalk out in appropriate policy for 1985-86 and highlight the strategy of development for the Seventh Plan in respect of different sectors of the economy including agriculture, industry, infrastructure, money and banking and the behaviour of prices, particularly of essential commodities. The Unit was closely associated with the work of the Essential Commodities Price Surveillance Committee, the Secretaries' Committee on Prices, and the Quarterly Performance Review meetings of various public sector undertakings.

(ii) The Unit organised the Fourth Meeting of the Panel of Economists in July 1985 to discuss major issues relating to the Seventh Plan.

(iii) A number of research studies having a bearing on the economic policy were undertaken.

(iv) The Unit critically examined various policy notes received from the different Ministries as also the "Notes for Cabinet" on various policy issues.

(v) The Unit was associated with various national/international seminars/conferences on matters of economic interest. The report of the Working Group set up for drawing up policies and programmes in respect of Public Distribution System for the Seventh Plan was examined and discussed in the Planning Commission.

#### (B) *Socio Economic Research Unit*

(i) The Unit continued its research promotion activities connected with various socio-economic problems relevant to the planning process. The Research Advisory Committee (RAC), which was set up in August 1982 for a period of three years, was reconstituted in August 1985 under the Chairmanship of Prof. S. Chakravarty to advise the Planning Commission on socio-economic research useful to planning, to consider the research study proposals received from various research institutions in the country and to identify the priority areas for research which have a bearing on Plan formulation and its implementation. The Research Advisory Committee met thrice, i.e., in April 1985, September 1985 and February 1986. A fourth meeting is likely to take place in March 1986. About 49 proposals for research studies and seminars/conferences submitted by the

researchers for financial assistance were examined in consultation with the concerned subject Divisions and Ministries and submitted to the Research Advisory Committee for its consideration. Twenty four proposals for grants for Research studies and seminars/conferences were approved by the Planning Commission during 1985-86 (Annex I). Twentyfive other research study proposals are in different stages of examination/finalisation. Fifteen on-going studies Annex. II) have been completed by different research institutions and draft reports received during the year.

(ii) The Planning and Development Units in the Institute of Economic Growth, Delhi University; Department of Economics, University of Bombay and the Gokhale Institute of Politics and Economics, Pune, Continued their long-term studies with financial assistance from the Planning Commission.

#### 5.4.3 *International Economics Unit*

(i) The Division undertook an indepth analysis of foreign trade policy problems and prepared the chapter on Balance of Payments for the Seventh Plan document. The Division organised and actively participated in the Working Group on Balance of Payments, providing among others, forecasts of merchandise exports and invisible earnings. The Division provided relevant material the meetings of the NDC and the Consultative Committee of the Planning Commission and the debates in Parliament. The Division carried out various studies and prepared papers on specific policy and data problems relating, inter-alia, to price and quantum indices of India's foreign trade, comparative advantage of import substitution in edible oils, and contra-inflationary policies. In addition, notes were prepared on BEC, UNCTAD, Foreign Trade Indices, Commodity prices, Price Movements and Terms of Trade, Import Export Policy 1985-86, balance of Payments Outlook, Trade Policy Issues including Export Processing and Free Trade Zones, Export Import Bank, External Aid and Debt Issues, International Economic Environment and Outlook, Customs Tariff Structure in India, Protectionism and Trade Barriers, Technology Import Policy, Regional Cooperation in South Asia, Tourism and International Oil Prices. A number of notes on the economics of both developed and developing countries with special reference to bilateral trade and economic relations were also prepared for meetings between the Planning Commission and delegations and

dignitaries from abroad. The countries included USA, UK, France, FRG, Tunisia, Pakistan, Afganistan, Bulgaria, Syria, Yugoslavia and Egypt.

(ii) The Division has convened the Expert Group on Balance of Payments for the Seventh Plan and is chairing the sub-Group on Balance of Payments Statistics. It is also participating in the work of the Study Group on Agriculture Price Policy for Balanced Development of Agriculture.

(iii) The Division organised the ninth meeting of the Indo-Soviet Planning Group, the fourth meeting of the Indo-GDR Group of Planning Experts and the meeting on Planning Co-operation between India and Hungary. Apart from background documentation for these meetings, it also prepared a paper on 'Planning of foreign trade in India' which was discussed by the Indo-Soviet Planning Group. It also provided its views and comments on various proposals received from concerned Ministries/Departments involving policy matters relating to foreign trade and balance of payments. The Division participated in the meetings of the Sub-Commission I on Economic Matters, Health, Scientific and Technological Cooperation of the Indo-Pak Joint Commission.

#### 5.4.4 *Financial Resources Division*

(i) The Division rendered assistance for finalisation of the Report of the Working Group for a study of the Financial Resources during the Seventh Plan period and the Working Group for a study of the potential as well as the Instruments for Domestic Resource Mobilisation for Financing Public Sector Plan outlays. The work involved integration of the findings and conclusions of the various sub-groups set up by these main working groups and scrutiny of the material in the light of the latest available information. The resources estimates were further updated in the light of the 1985-86 Union Budget. The Division prepared a number of notes in respect of Central assistance, market borrowings, small savings etc., to facilitate the finalisation of the draft Seventh Plan document and finalised the material for the Chapter on Financial Resources in the Seventh Plan and the Annual Plan 1985-86.

(ii) The Division prepared a review of the financial resources for the Annual Plan 1986-87 on the basis of the analysis of the Central Budget 1985-86. This resource exercise covered the detail of the latest estimates for the year 1985-86. The Division

kept a constant watch on developments in the sphere of State finances, inclusive of fresh resource mobilisation effort and attempted a quick assessment of the additional resource mobilisation by the Union Territories. The Division also examined in consultation with other Divisions, the proposals received from the States for adjustment in Plan outlays in the light of performance made in respect of earmarked outlays.

(iii) For the preparation of the Annual Plan 1986-87, the Division forwarded a detailed communication alongwith a format to the States|Union Territories requesting them to furnish the estimates of resources. Besides, estimates in respect of the 1986-87 Central Plan were also called for from the Ministry of Finance. Detailed discussions were held with the officials of the State Governments and Union Territory Administrations. These estimates of resources formed the main basis for finalisation of the outlays for the Annual Plan 1986-87. The Division also held discussions with the Ministry of Finance for assessing the Centre's resources for 1986-87 Central Plan and for determining the Central assistance as well as market borrowings which could be allocated for the State Plans, 1986-87.

(iv) The Division also assisted in the work connected with the Fourth meeting of the Standing Review Committee on additional excise duty in lieu of sales tax on sugar, tobacco and textiles. In order to identify the progress of resource mobilisation by the public sector undertakings, unit by unit, details were compiled for facilitating review of their performance. The Division also prepared detailed notes in connection with the work of the Estimates Committee on Appraisal of Planning System and for the Consultative Committee meetings and assisted in the consultations with the Aid India Consortium, World Bank and IMF missions. The Division maintained close touch with the term-lending institutions like the LIC, GIC, IDBI etc., so as to ensure smooth flow of the allocations made for the State Plans. The Division was also associated with the meetings of the regional councils of States' Excise duties and Sales tax and was giving assistance in undertaking the investigations by the Working Group set up to study the financial policy issues for sustained growth with reasonable price stability.

#### 5.4.5 Project Appraisal Division

(i) The Project Appraisal Division is the prime appraising agency of the Government of India. It appraises Central Government investment proposals and prepares appraisal notes before



they are considered by the Public Investment Board or the Expenditure Finance Committee. The main functions of the Division are (a) to conduct actual techno-economic appraisal on the strength of social cost-benefit analysis of selected major projects and programmes posed to the Planning Commission, (b) to suggest standard formats for submission of projects and procedures for their techno-economic evaluation, (c) to assist the State Governments and the Central Ministries in giving effect to standardised formats and procedures for project evaluation and, (d) to undertake and support research leading to progressive refinement of methodology and procedures of project evaluation.

(ii) A statement showing the sectoral distribution of the projects appraised during 1984-85 and April-December 1985 indicating their total numbers and values is given below :

TABLE I  
*Sectoral Distribution of Projects Appraised*

(Rs. crores)

Sl. No.	Sector	1984-85		April-December, 1985	
		No. of Projects appraised	Total Capital cost	No. of Projects appraised	Total Capital cost
1	2	3	4	5	6
1.	Fertilizers and chemicals	3	840.06	2	46.99
2.	Petroleum and petro-chemicals	19	902.10	7	805.66
3.	Coal, steel, mines & metals	25	447.05	30	1915.09
4.	Other industrial projects	12	109.16	7	340.53
5.	Power	5	885.42	5	2179.05
6.	Food and agriculture	2	9.80	3	226.11
7.	Shipping, transport, tourism and civil aviation	12	1313.53	8	1431.94
8.	Communications	1	5.47	1	74.56
9.	Others	3	71.99	5	60.11
Total :		82	12564.53	68	7030.04

(iii) In addition to the above, the Division examined 35 Revised Cost Estimates (RCE) and prepared 6 supplementary notes on the projects appraised earlier in the Division.

(iv) During the quarter of 1985-86, the Division is expected to appraise 23 new projects in various sectors covering a tentative capital outlay of Rs. 2650 crores and 12 RCE's projects. The Division has started the appraisal of the proposals for first stage clearance of large investment proposals costing more than Rs. 20 crores under the newly introduced system of two-stage clearance. Till December 1985, two such proposals have been appraised and three more proposals are expected to be appraised during the last quarter.

(v) The Division also prepared draft guidelines for the preparation of Feasibility Reports in respect of (a) Process industries, (b) Power, (c) Coal, (d) Metallurgical, (e) Engineering industries, (f) Cement and (g) Paper and Newsprint industries. The draft guidelines were circulated to the concerned agencies and are expected to be finalised during 1986 after incorporating the views of all concerned.

(vi) The Division rendered assistance to State Governments regarding the methodology of appraisal and procedures for setting up similar Divisions in the respective State Governments. It also rendered advice to various administrative Ministries and public sector undertakings for strengthening their internal capabilities and method of preparation of Feasibility Reports.

(vii) The Division was also associated with (a) the Fourth meeting of the Indo-GDR Group of Planning Experts held in New Delhi in November 1985, and (b) the seminar on the 'Role of the Management of the Public Sector Organisations' organised by the Planning Commission and the Department of Public Enterprises in cooperation with the French Planning Commission as part of the Festival of India with the objective of continuing education and upgrading the inhouse expertise.

(viii) The Division provided active support for the training of the probationers of the Indian Economic/Statistical Service and some foreign delegates sent to the PAD for training under various international training programmes. The foreign delegates who were trained in the PAD during the year were from Afghanistan and Ethiopia.

(ix) The Division also assisted the Universities and certain advanced training institutions in the development of course materials meant for the training of the senior level officers.

(x) In addition to above, the Division was engaged in the following activities: (a) preparation of a report on "Relative Economics of Kerosene Vs. Electricity in villages of Kerala, (b) active association with a special study of the different methods of power generation, (c) participation in the evaluation of the Water and Power Consultancy Services (India) Ltd., and (d) assisting the Ministry of External Affairs in the examination of a project to be set up in another country.

(xi) The Division coordinated the examination of the material relating to the Planning Commission for the Estimates Committee, particularly with regard to the systems and procedures for the appraisal of the Plan schemes and prepared a note on project appraisal for the Committee.

#### 5.4.6 Monitoring and Information Division

(i) The Division continued to provide assistance in the monitoring the Plan projects and schemes, development of monitoring and information systems at the Centre and in the States, training for development administration, general management and technical services to the Planning Commission. A computerised 'Project Flash Report System' was developed for monthly monitoring of milestones of the projects costing Rs. 100 crores and above in the Central Sector.

(ii) Quarterly Status Reports were brought out after analysing the progress of Plan projects and achievements of targets in twenty-one sectors and sub-sectors of industries and minerals, energy, transport, irrigation, rural development and education. Quarterly reports for the Cabinet on production performance and project implementation in fifteen selected sectors/sub-sectors were also prepared. (Work relating to Flash Report and Quarterly Status/Performance Reports was transferred to the Ministry of Programme Implementation in November 1985). The resource based networks and bar charts for the projects costing Rs. 20 crores and above in the Central Ministries/Departments dealing with Industries and Minerals, Petroleum and Natural Gas, Coal, Atomic Energy and Power and some projects of the State Electricity Boards, were analysed in detail in the Division for linking up the physical progress with the fund requirements for the Annual Plan 1986-87.

(iii) A common classification of Plan Budget and Accounting Heads was modified to four digit major heads' list in consultation with the Budget Division of the Finance Ministry. A revised project document in respect of the 'Project on Management Consultancy Development, Phase-II', and the Report of the Committee for reviewing the Management Support facilities in Planning Commission were prepared.

(iv) Follow up efforts towards implementing the suggestions made by the two Standing Committees for 'Improving Data Base for Decentralised Sectors' and for 'Improvement of Data Base for Planning and Policy-making' were continued. The work on the development of Data Bank and Minimum Data Record was also continued. Work on the analysis of the existing information system of the BPE and the Planning Commission was initiated and the status of returns in various sectors was examined with a view to streamlining the information flow during the Seventh Plan according to the recommendations made by the Working Groups on Monitoring and Management Information System at the Centre and in the States.

#### 5.4.7 Agriculture Division

(i) The Division was engaged in the preparation and finalisation of the draft chapter on Agriculture and Allied Sectors for the Seventh Plan. In this connection, a series of discussions were held with the State Governments and Central Ministries on a number of subjects, viz., (i) Targets of Crop Production, (a) Foodgrains production alongwith base level production and growth rates, (b) Commercial Crops; (ii) Plan targets of inputs' consumption (seed, fertilisers alongwith strategy, approach and programmes), (iii) Strategy, approach and programmes for increasing production of oilseeds. Exhaustive notes were prepared in respect of (i) Base level production of foodgrains for the Seventh Five Year Plan, (ii) Crop production targets, alongwith a set of statements showing actual production for the first four years of the Sixth Plan and anticipated production for 1984-85 in respect of individual food and non-food crops both at All India and State levels, (iii) Fertilisers consumption at All India and State levels during the Sixth Plan period alongwith proposed Seventh Plan targets and a short note thereon, and (iv) Oilseeds.

(ii) The Report of the Jha Committee appointed to evaluate the performance of the Indian Dairy Corporation (IDC)

the National Dairy Development Board (NDDB) with reference to implementation of Operation Flood Project was examined, and comments sent to the Ministry of Agriculture and Rural Development.

(iii) A Group under the Chairmanship of Prof. M.G.K. Menon Member, Planning Commission has been set up for integrated development of oilseeds as one of the technology missions. This mission would be implemented by the ICAR in collaboration with the National Bio-Technology Board of the Ministry of Agriculture.

(iv) A Steering Group for Rice Production in the Eastern States was constituted under the Chairmanship of Dr. C.H. Hanumantha Rao, Member, Planning Commission, for overseeing formulation, implementation and monitoring of the various State Projects. The Division prepared suitable monitoring formats and notes for the use of Member (H). It also participated in the Steering Group meetings convened for discussing and approving the State-wise projects.

(v) An Inter-Ministerial Meeting was held under the Chairmanship of Dr. C. H. Hanumantha Rao, Member, Planning Commission, to consider the approved National Watershed Development Programme for rainfed Agriculture prepared by the Ministry of Agriculture and Rural Development. The Agriculture Division prepared a detailed background paper listing out the important issues for discussion.

(vi) A meeting was held under the Chairmanship of Dr. C. H. Hanumantha Rao, Member, Planning Commission, to consider the draft National Oilseeds Development Project prepared by the Ministry of Agriculture and Rural Development. For this purpose also, the Agriculture Division prepared a detailed background paper listing out points for discussion.

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

- (a) National Seminar on Poultry Development and Health Cover during the Seventh Five Year Plan and fixation of the national targets of poultry development organised by the Ministry of Agriculture and Rural Development.

- (b) National Seminar on Animal Husbandary Development in the Seventh Five Year Plan under the Chairmanship of Secretary (Agriculture).
- (c) Seminar on the role of Foodgrains Agencies in food security in Asia and the Pacific sponsored by the FAO and FCI.
- (d) Conference of Secretaries of Cooperation and State Ministers of Cooperation held at Vigyan Bhawan.
- (e) The Central Team on Flood Damages Alleviation in Kerala.
- (f) The Revenue Ministers' Conference to discuss measures for Disaster Management held in Delhi in January 1986.
- (g) National Conference on Agricultural Production in Kharif 1985 and Rabi 1985-86 held in Vigyan Bhawan.
- (h) The meeting convened to discuss Reservoir Fisheries Development Project with the assistance of the World Bank.
- (i) National Seminar on Fisheries.
- (j) Eighteenth meeting of the Project Funding Committee in respect of National Agricultural Research Project held in January, 1986.

#### 5.4.8 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 TRYCEM), (b) National Rural Employment Programme (NREP), (c) Rural Landless Employment Guarantee Programme (RLEGP), (d) Drought Prone Areas Programme (DPAF), (e) Desert Development Programme (DDP), (f) Land Reforms, (g) Community Development and Panchayati Raj and (h) Minimum Needs Programme. The Division drafted chapters for the Seventh Plan on Rural Development and Poverty Alleviation Programmes,

**Minimum Needs Programme and the subsection relating to the Desert Development Programme under Special Area Development Programmes.**

(ii) The Division examined in detail the schematic content of a number of new programmes introduced in the Seventh Plan, viz., (a) District Rural Information System, (b) Strengthening of Development Administration, (c) Promotion of Voluntary schemes, and social action, (d) Organisation of beneficiaries, (e) Communication Strategy, (f) Composite Rural Training and Technology Centres, (g) Strengthening of State Institute of Rural Development and (h) Strengthening of Extension Training Centres.

(iii) The Division also worked out the details of major policy changes in the IRDP, NREP and RLEGP, based on selectivity and incidence of poverty in the country. This involved changes in the resources allocated to different programmes as well as the physical targets under IRDP, and earmarking outlays for different sectors under NREP and RLEGP. The issue of per capita subsidy levels and the number of beneficiaries under IRDP was studied and the Planning Commission's view was communicated to the Department of Rural Development.

(iv) The pattern of financing of Desert Development programme was changed from 50 : 50 to 100 per cent with the approval of NDC.

(v) Training has been identified as an essential input in the effective implementation of rural development programmes in the Seventh Plan. The Division studied issues relating to the identification of training needs, existing infrastructure and syllabi for training of functionaries concerned with planning and implementation of rural development programmes at different levels.

(vi) The enhanced role of voluntary agencies in the implementation of poverty alleviation programmes in the Seventh Plan led the Division to organise inter-Ministerial discussions to assess the area and extent of involvement of voluntary agencies in the process of implementation of Plan programmes. The Division will coordinate the Action-Plans of all Ministries/Departments for their programme which will be implemented through voluntary agencies. An amount of Rs. 100-150 crores is proposed to be channelised through voluntary agencies in the Seventh Plan 1985 —90.

(vii) The officers of the Division participated in the deliberations of the High Level Committee set up to review the existing administrative arrangements for Rural Development, Poverty Alleviation and Minimum Needs Programmes under the chairmanship of Dr. G. V. K. Rao, former Member, Planning Commission. The Report is being processed in the Division.

(viii) Reports/Bills examined and Studies undertaken :—

1. Report on Rural Roads.
2. Evaluation Report/Summary-IRDP.
3. Development of Rural Women for a sub-group of the U.N. Conference on Development of Women.
4. Status Paper on Land Reforms.
5. Arunachal Pradesh Land Reforms Bill.
6. Himachal Pradesh Land Acquisition (Amendment) Bill.

#### 5.4.9. 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. Twenty Blocks were taken up for setting up the integrated rural energy planning projects during the Sixth Plan period. As part of these projects, area based integrated rural energy plans were prepared through which the optimum mix of different sources of energy, conventional as well as non-conventional and non-commercial, were to be provided for meeting various end use requirements for subsistence as well as productive activities in the rural areas. During the year 1985-86, all States/UTs were provided funds in their Annual Plans for the IREP Programme. Technical guidance was provided to the States/UTs for setting up the project and for the conduct of surveys for identification of blocks to be covered under the IREPP in the States/UTs. Project documents were also prepared and staff for preparing these projects were given suitable training by the Division.



(ii) During 1985-86, a large computer modelling project has also been initiated in the Division for developing investment plans and policy guidelines for the Rural Energy Sector upto the year 2000 AD. The modelling project consists of two sub-models —A macro model which is based on aggregate data and studies for the whole country through projections of energy demand and working out the least cost mix of various energy options for meeting these demands for subsistence and productive activity. The other sub-model is based on the data provided from the IREP block level projects and the State and District level IREP cells on the basis of which the energy requirements for meeting different types of energy needs in these specific areas are worked out by the computer model. The results from these two sub-models are being utilised for preparing a comprehensive integrated rural energy plan for the whole country upto the year 2000 AD. The models have been formulated and computer programming and test runs are being carried out for validating these models.

(iii) The Division prepared evaluation notes on the Working Group reports for the Department of Non-conventional Energy and the Seventh Plan proposals for the new and renewable sources of energy. Regular reviews of the various programmes of the NES including biogas, solar thermal, solar photovoltaic, micro hydel, wind as well as other renewable energy sources were carried out through a series of meetings and discussions as well as participation in a number of seminars.

(iv) Minimum needs programme for meeting domestic cooking energy needs was formulated and a paper was prepared on the programme for improved chullahs and social forestry including rural fuelwood plantation.

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

(i) The Division drafted the Chapters on Irrigation, Flood Control and CAD Programme for the Seventh Plan and also for the Annual Plan 1985-86. Guidelines for formulation of the Annual Plan 1986-87 were circulated and discussions held with the State Governments, Union Territories and the Ministry of Irrigation.

(ii) During the year, the Advisory Committee on Irrigation, Flood Control and Multipurpose Projects held three meetings and considered nine multipurpose major and medium irrigation

projects and three flood control projects of the various States/UTs.

(iii) The Planning Commission has also constituted (a) A Group for reviewing and monitoring of the steps connected with speedy utilisation of irrigation potential and (b) A Monitoring Committee for reviewing the progress of the Rajasthan Canal Project. One meeting each of the Group/Committee was held during the year. Minutes of the meetings were circulated for further action by the concerned Central and State Agencies.

(iv) Officers of the Division participated in a number of Committees, Seminars and implementation review meetings of the Ministry of Water Resources and Central Water Commission and also in the World Water Congress held in Brussels and the Regional Conference of the International Congress on Irrigation and Drainage held in Australia during 1985.

#### 5.4.11 Multi-Level Planning Division

(i) The Division deals with (a) Hill Area Development Programme, (b) North Eastern Council and (c) District Planning. The report of the Working Group constituted for the formulation of approach, strategy and priorities for the development of the hill areas was received in June 1985 and is under examination.

The Division took follow up action on the reports of the Working Groups on (a) Personnel Policies, (b) Legal System, (c) Community Participation and (d) Organising supplies, services and works set up during the Sixth Plan by the Planning Commission in the context of strategy for the development of the North Eastern Region. The report of the Working Group set up for the formulation of approach, strategy and priorities for the development of the North Eastern Region during the Seventh Five Year Plan 1985-90 is also under examination by the concerned Central Ministries and Organisations.

(iii) The Division forwarded to the State Governments, the report of the Working Group on District Planning set up by the Planning Commission. Actionable recommendations have been circulated to the States/Central Ministries for initiating necessary action.

(iv) The Division continued to administer the Centrally sponsored scheme related to the strengthening of the Planning Machinery at the State and District levels. Under this scheme, two-thirds of the expenditure on strengthening the State Planning Machinery and half of that spent on District Planning Machinery is reimbursed to the States. The Division examined the proposals received from the State Governments and released advance Central assistance to the States whose proposals were found acceptable.

(v) The Division organised five courses under the training programme in Investment Planning and Project Evaluation at the Institute of Economic Growth, Delhi University to augment the planning capability of officers of the State Governments, Central Ministries and Public Undertakings. A training course in Multi-Level Planning was organised in collaboration with the Administrative Staff College, Hyderabad for officers of the State Governments.

#### 5.4.12 *Power and Energy Division*

##### *A. Petroleum Unit*

(i) The Petroleum Unit was involved in the finalisation of the Seventh Five Year Plan for the petroleum sector. A detailed review of the Sixth Plan achievements was carried out. The Working Group Reports (Seventh Five Year Plan) evaluation notes pertaining to other sectors (fertilizers, petrochemicals, etc.) were examined. In addition, the Division attended to works related to a number of important matters, viz., (i) Issues in Oil and Gas; (ii) Utilisation of off-shore gas for power generation; (iii) Grass roots refinery in north-east (Assam-Accord); (iv) Gas Pricing; (v) Additional refining capacity; (vi) Options to meet projected regionwise petroleum products deficits; (vii) Working Group on quality of Petroleum products; (viii) Advisory Board on Energy; and (ix) Oil Economy Budget etc. A detailed assessment of the outcome of exploratory efforts for hydro-carbons was carried out for 1984 as well as for the entire Sixth Plan period.

(ii) A large number of project proposals pertaining to (a) acquisition of capital items for onland and offshore operations, (b) exploration programmes in different basins, (c) gas production and processing facilities, (d) oil production and handling facilities and (e) refining and marketing were examined.

(iii) An expert group on the petroleum sector was set up to advise the Planning Commission on development in technology in the next 15|20 years in connection with energy modelling.

(iv) Quarterly performance review meetings were held to focus attention on the various problems being experienced in the implementation of plan projects with particular emphasis on Inter-Ministry Coordination and effective monitoring.

### *B. Power Unit*

(i) The Report of the Working Group on Power for the Seventh Five Year Plan was examined and the Plan finalised. The unit was actively involved in the work of several expert committees on the national grid, the next higher size of generating sets, future EHV transmission lines, etc. Project Reports of new super thermal power stations and hydel projects of the N.T.P.C. and the N.H.P.C. respectively were appraised. The unit also participated in the techno-economic appraisal of projects done by the Central Electricity Authority.

(ii) A financial and physical review of the State Electricity Boards during the Sixth Five Year Plan was published. An analysis of the financial working forecast of the Electricity Boards for the Seventh Five Year Plan was also brought out. The unit monitored the new legislation laying down 3 per cent minimum return by all State Electricity Board.

(iii) In connection with energy modelling, an Expert Group on future technologies in the power sector was set up. The problem of household electrification in the rural areas was examined in several meetings and an indepth study in collaboration with the Rural Electrification Corporation was carried out for Kerala. Quarterly review meetings were also held with particular reference to the implementation of the new power projects and transmission lines.

### *C. Coal Unit*

(i) The unit evaluated the Report of the Working Group on Coal and Lignite for the Seventh Five Year Plan. A comprehensive review of the Sixth Plan was done. Special meetings were organised on coastal movement of coal, rail movement of coal upto the year 2000, and supply of coal to the proposed Muradnagar STPS.

(ii) In connection with energy modelling, an Expert Group was set up to examine technological changes in the coal and lignite sector over the next twenty years.

(iii) The Gujarat in-situ Coal Gasification Committee finalised the technical feasibility report for an experimental project at Mehsana.

(iv) The unit continued to participate in the deliberations of different committees such as the Special Linkage Committee for Coal to power stations and cement plants, the Standing Scientific Research Committee for Coal, the Environmental Appraisal Committee for Coal projects etc. Quarterly review meetings were held as usual to review the implementation of projects, inter-departmental issues, performance of coal companies etc.

#### 5.4.13. *Industry and Minerals Division*

(i) Evaluation notes were prepared on the reports of the Working Groups constituted for the formulation of the Seventh Five Year Plan for the Industrial Sector. The Seventh Five Year Plan 1985-90 for the industrial and mineral sector was finalised, taking into account the recommendations of the various Working Groups as well as the views expressed in the various meetings with representatives of industry, industrialists etc. The Chapter on the industrial and mineral sector for the Annual Plan 1985-86 was finalised on the basis of comments received from the various Ministries/Departments and the latest available data/information.

(ii) Greater stress was given on continuous monitoring of the projects and programmes figuring in the Annual Plan and, in this connection, quarterly Performance Review Meetings were held for resolving various problems being experienced by individual Ministries in the implementation of on going projects and constraints faced in achieving higher capacity utilisation and or the production targets. Particular emphasis was devoted to Inter-Ministerial coordination. Also, a half-yearly review of the Annual Plan 1985-86 high-lighting the progress of industrial and mineral projects for the period April-September 1985 was done.

(iii) The proposals submitted by the Central Ministries and Departments and the States/Union Territories for the formulation of the Annual Plan 1986-87 were examined, and Annual Plan outlays and targets of capacity and production for industries were finalised on the basis of discussions held with the concerned Ministries/Departments, States and Union Territories. A

number of proposals|feasibility reports|cabinet notes etc., were also examined and detailed comments|notes were prepared in this regard.

(iv) The Division actively participated in the deliberations of a number of important Committees, viz., (a) High Powered Committee for formulating the guidelines and recommendations for a New Textile Policy, (b) Evaluation Committee on Scientific Activities of the Textile Research Associations, (c) The Scientific Advisory Committee for guiding the R&D activities and selecting the contemporary and emerging technologies for iron and steel production, (d) National Level Committee for introducing integrated control systems and automation in the steel plants, (e) Committee on Iron Ore Export in the Ministry of Commerce, (f) Study Group on Revision of Rates of Royalty on Minerals and (g) Advisory Group on Consumer Industry.

(v) A number of important papers|reports were prepared in the Division which, inter-alia, included (a) Perspective on non-ferrous metals for consideration at the Round Table on Non-Ferrous Metals, (b) Digest on the proceedings of the 12th World Mining Congress, (c) Iron Ore Export Strategy during the Seventh Plan, (d) Review of Vizag Steel Plant, (e) Techno-economic evaluation of modernisation proposals of the various steel plants vis-a-vis the installation of new steel plant, (f) Relevance and problems of Re-rolling Mills, (g) Capital Goods Industries—Investment choices, (h) Estimate of coal requirement for the fertilizer industry—perspective upto 2000 A.D. (i) Mine Safety and (j) Report of the Expert Committee on revised cost estimates of the Gandhamardan Bauxite Project.

(vi) For facilitating the preparation of a perspective plan for the industrial and mineral sector, the following Working Groups|Standing Committees were set up in the Planning Commission :—

- (a) The Working Group on Iron and Steel Industry for 2000 A.D. (The report of the Working Group is under finalisation).
- (b) Standing Committee for perspective plan for Industry Sector.
- (c) Group of Secretaries on reduction in imports of capital goods for public sector projects. (The report of the Group of Secretaries was approved and its recommendations are under implementation).

(vii) As a part of Festival of India in France, a Seminar on "Role and Management of Public Sector" was organised in cooperation with the French Planning Commission from 27th to 30th January, 1986 in New Delhi.

#### 5.4.14 *Village and Small Industries Division*

(i) The Division examined the reports of the Working Groups|Sub-Groups and prepared Evaluation Notes relating to Khadi and Village Industries, Coir, Small Scale Industries, Handicrafts, Handlooms and Sericulture in connection with the formulation of the Seventh Plan. A note was also prepared on the identification of critical areas for the Seventh Plan and the strategy for operationalising the Plan and the nature of organisational restructuring that would become necessary. The strategy, policies and programmes to be pursued during the Annual Plan 1985-86 and the Seventh Plan 1985-90 were finalised for the relevant chapters of the Annual Plan and Seventh Plan documents.

(ii) Progress under the village and small industries sector was monitored in terms of physical targets and achievements under the 20-Point Programme on a quarterly basis. The Division was closely associated with the Performance Review Committee meetings held by the Department of Industrial Development and Textiles and the Committee set up under the chairmanship of Secretary, Planning Commission, to study the impact of the various incentives on the development of backward areas.

(iii) Reports of the "Forest Tribals and Tasar Culture, Crafts, Economic Regeneration with Vedic Vidarbha Bharata", notes on "Problems of Zari Industry in Banaras" and "Central Silk-work Seed legislation," EFC memos and a number of proposals and schemes received from the Ministries|Departments were examined.

(iv) The feasibility of setting up of Pilot Project Development Centres, Tool Rooms, Common Service Facilities and Training Centres with UNDP|FRG assistance for small scale sector were also examined. In addition the agenda items of the Boards|Commission meetings of the All India Handloom|Handicrafts Board, the Central Silk Board, All India Powerloom Board, All India Small Scale Industries Board and the Khadi and Village Industries Commission were examined.

(v) A series of meetings were organised with experts from Government, voluntary and private agencies having interest in promotion of village and small industries with a view to identifying crucial areas of thrust for speedy development of the sector in the coming years.

(vi) A paper was prepared on modernisation suggesting de-reservation of items for production in small scale sector based on the rationale of energy saving, high technology area, cost to the economy, modernisation of existing industries, etc. A number of other papers and notes were prepared on subjects such as technological upgradation, investment in small scale industries and development of science and technology for village and small industries.

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

(i) The Division was engaged in collating and analysing the comments received from the State Governments on the reports of the Four Task Forces on Housing and Urban Development. The reports of the Working Groups on Housing and Urban Development for the Seventh Five Year Plan were also examined and evaluated. In the light of these exercises, the recommendations which were considered feasible were identified and the Chapter on Housing and Urban Development for the Seventh Plan was drafted.

(ii) A number of meetings were organised in order to explore the possibilities of undertaking pre-fabricated technology in housing with a view not only to reducing construction costs but also to increasing the housing stock in the country in a comparatively shorter period.

(iii) The officers of the Division participated in the International Conference on Shelter for the Homeless and the Conference of Mayors and State Housing Ministers organised by the Ministry of Urban Development.

(iv) In the light of the evaluation of the Working Group Report on Water Supply and Sanitation, the Water Supply Unit drafted the Chapter on Water Supply and Sanitation for the Seventh Plan.



#### 5.4.16 Transport Division

(i) The Chapters in respect of Transport Sector in the Seventh Plan 1985-90 and the Annual Plan 1985-86 were finalised. Guidelines for the formulation of the Annual Plan 1986-87 were prepared and forwarded to the Central Ministries and all the States/Union Territories.

(ii) The draft Annual Plan proposals for 1986-87 under the Transport Sector received from the States/UTs and the Central Ministries of Railways, Shipping and Transport, Civil Aviation, and Tourism were examined.

(iii) Sub-sectorwise developments included, inter-alia, (a) a meeting of the Chairman of the Major Port Trusts to discuss the strategy of Port development during the Seventh Plan. A study was made to assess the commodity-wise capacity and traffic projections of major ports during the Seventh Plan. The operational performance of the ports including their cargo handling systems, labour productivity, ship turn-around time were also discussed, with a view to identifying constraints or inefficiencies, and measures were suggested to rectify them; (b) a meeting with the various Shipping interests to discuss the development of shipping industry during the Seventh Plan; (c) the performance of the Plan schemes/projects of the Central Inland Water Transport Corporation (CIWTC) and its Rajabagan Dockyard (the production and service Unit under CIWTC) was reviewed. The Seventh Plan of IWT has been operationalised; (d) Proposals received from the Department of Surface Transport regarding Seventh Plan outlay (1) for enhancement of outlay on roads in the Central Sector and (2) inclusion of various roads under the roads of Inter-State or Economic importance programme, as well as development of tribal roads, were examined for clearance. The report of the Committee for integration of Rural Roads was finalised. Follow-up action was also taken on the report of the Group on Roads in Dacoity-Prone Areas; (e) A detailed paper reviewing the physical and financial performance of SRTUs, a note on productivity in road transport and a note on the estimates of resources of SRTUs in 1985-86 were prepared. The report of the Expert Group on comparative study of the City Transport Services was finalised; and lastly, (f) A review of the Railway Sector was made and the slippages in Plan implementation were identified for taking proper remedial action.

(iv) As a part of the institutional arrangement to systematise work on long-term perspective planning for transport sector

on an integrated basis, a Steering Committee was constituted during 1985 with the following tasks, viz., (a) to study traffic flows and resource costs of transportation; (b) to develop a transport planning model i.e., a methodology for traffic forecasting; (c) to generate transportation demand forecast consistent with macro-economic modal for the period ending 2000 A.D., and (d) to develop a long-term technological perspective with a view to incorporating technological advancements in transport planning.

(v) The Steering Committee has already reviewed the methodologies applied for projections of traffic demand and investment planning and has also reviewed the relevant policy aspect relating to inter-modal allocation of traffic, pricing and investment policies etc. Several studies have been initiated to provide the necessary inputs in the preparation of the perspective plans. In connection with the formulation of long-term perspective plans for transport sector on an integrated basis, planning groups on the following sub-sectors have been set up viz., (a) Shipping (b) Civil Aviation (c) Pipelines (d) Railways (e) Roads (f) Road Transport and (g) Ports.

(vi) The detailed studies for the various transport modes are being organised through the services of Consultants to the extent necessary. A study of traffic flows and resource costs has been entrusted to RITES. This involves generation of mode-wise inter regional traffic flows, estimation of modal transport costs, assumptions of capacities etc.

(vii) The long term perspective plan for the transport sector includes the following : (a) To assess transport demand both at aggregate and disaggregated levels; (b) to determine and evaluate traffic flows; (c) to estimate system capacity of various transport modes; (d) to develop inter-modal resource costs; (e) to evolve inter-modal distribution of traffic based on resource costs, demand and capacity; (f) to generate technical data to facilitate forecasting of technological progress in different sub-sectors of transport; (g) to set up Steering Committees, special planning Groups, to engage Consultants for the preparation of long term plan for transport sector, and (h) to develop investment plans.

(viii) The Transport Division of the Planning Commission is to act as a nodal agency for Transport Decade, UNESCAP, to prepare country position papers and to suggest a work programme taking into account the thrust areas for the transport decade.

#### 5.4.17 Education Division

(i) The Division was involved in the work relating to finalisation of the Chapter on Education in the Seventh Plan 1985-90, and as also the Chapter on the Annual Plan 1985-86. The Division examined the reports of the Steering Group on Education and a dozen Working Groups set up in the Education Sector. The Division brought out the Key Issues in the Seventh Plan in the different sub sectors under Education.

(ii) The Division continued to collaborate with the various departments in the Ministry of Human Resource Development and the State Governments in conducting periodic reviews of progress in the field of Education in general, and with particular reference to the points relating to elementary education and adult education under the 20-Point Programme. The representatives of the Division attended (a) conferences of the State Education Ministers|Secretaries; (b) meetings taken by the Union Education Minister; (c) meetings on elementary and adult education in the educationally backward States; (d) meetings to consider the educational needs of minority groups; (e) meetings of the Standing Committees|Councils like the All India Council for Technical Education (AICTE); and (f) National Seminars on important themes pertaining to educational development.

(iii) The Division undertook studies in specific areas like vocationalisation and prepared papers for consideration of the Planning Commission and its attached Consultative Committee of Parliament. The papers, inter alia, included (a) Costs and Finance : Education upto 2000, (b) Inter-Sectoral linkages at the field level, (c) Resources for Education and the Seventh Plan, (d) Status Reports on Education Sector, (e) Key Issues in the Seventh Plan, separately for Education, Sports and Youth Affairs and Culture.

(iv) Some important studies were also undertaken in respect of (a) Trends of enrolment at Secondary, Senior Secondary and University stages, (b) Targets and Achievements under the Minimum Needs Programme, (c) Resource mobilisation and

#### (d) *Productivity Aspects of Education*

(v) The Division was actively involved in the formulation of the New Educational Policy and participated in the various seminars held in this connection.

(vi) The Division extended cooperation in training programmes in the field of educational planning organised by agencies like the National Institute of Educational Planning and Administration, the NCERT, the Central Statistical Organisation, for participants from the States as well as from foreign countries. Officers of the Division were also represented in various Expert Committees, e.g., A.I.C.T.E., Committee for Evaluation of Final Report of the Studies conducted by various agencies at the instance of the Ministry of Human Resource Development, and the Sanctioning Committee set up by the Department of Youth Affairs and Sports and the Review Committee on the Pattern of Financial Assistance to the libraries of the Indian Council of World Affairs etc. Besides, Adviser (Education) has been nominated as Member Secretary of the Group set up by the Ministry of Human Resource Development on Resources for Education to look into the whole question of financial resources needed for fulfilling the objectives of the New Educational Policy. The Group is exploring suitable strategies to fill the large gaps between various estimates being made by those connected with formulation of education policy and the Plan allocations in the Seventh Plan.

#### 5.4.18 Science and Technology Division

##### A. Science and Technology

(i) Sustained efforts were made to complete the exercises relating to the formulation of the Chapters on Science & Technology for the Seventh Plan 1985-90 and Annual Plan 1985-86. In addition, the Annual Plan 1986-87 proposals of eight Central Scientific Department/agencies and all the States and UTs were examined, discussed and finalised. Officers of the S&T Division have actively participated in the Indian Science Congress 1985 on the theme of "Science and Technology—retrospect and prospect", which was inaugurated by the Prime Minister on 13 November 1985 and in the meeting and deliberations of several Expert/Advisory Committees of the other scientific departments/agencies as members. The officers of the Division attended various national/inter-national seminars/symposia/workshops/conferences on important topics in the field of S&T and presented papers.

(ii) The Division prepared a document, setting out twenty two Science and Technology Missions, and continued the exercise to short list missions, identify the allocations, allocate resources by

re-adjusting various Plan schemes and formulate an implementation strategy. A detailed analysis of the projections, performance and investment in the S&T sector during the Fifth and Sixth Plans was made and a note prepared.

(iii) The Steering Group on Science and Technology had identified the Giant Meter Wave Length Radio Telescope (GMRT) as a national facility in the area of astronomy and astrophysics. This would be taken up by the Department of Atomic Energy during the Seventh Plan. This proposal has been accepted by the Council of Management of TIFR. The Homi Bhabha Centre for Science Education, which aims at talent nurture of SC|ST and other economically weaker sections of society as also R&D for new mass media like ETV, generation of innovative educational material with inter-action with formal school education and the community, would be expanded at the instance of the Planning Commission.

(iv) The Planning Commission constituted nine Task Forces meant to study the present and existing system of information generation, data processing, management aspects, highlighting the strength and weaknesses, and identifying the specific elements amenable to remote sensing techniques presently and in the future. Most of the Task Forces have finalised their reports. At the instance of the Planning Commission, many of the State Governments are taking action for creating infrastructure for use of remote sensing in the States and for the establishment of State Remote Sensing Centres|Units|Cells.

About 25 EFC memos and proposals for setting up a Medical Genetic Research Unit and a National Institute for Research in Health Behaviour received from ICMR were examined.

(vi) Officers of the S&T Division actively participated in the finalisation of the Third UNDP Country Programme and other matters relating to bilateral technical assistance from FRG, DANIDA, SIDA etc. New projects for the Third UNDP Country Programme and bilateral technical assistance programme were examined in consultation with the concerned Subject Divisions and views communicated to the Department of Economic Affairs. In the formulation of Inter Country Programme for Asia and the Pacific for the Fourth Cycle, in consultation with the Divisions prioritisation and technical advice was provided to the Department of Economic Affairs.

(vii) The Division attempted to identify the S&T component for major socio-economic sectors. Specific programmes/projects sectors were discussed with the Ministries from the view point of implementation investments needed, priority vis-a-vis the plan objectives. Progress reports received from various States and UTs in regard to Science and Technology programmes and activities have been analysed by the S&T Division. Special effort was made to prepare an integrated environmentally sound programme for the development of Andaman & Nicobar Islands and a Joint Committee constituted by the Planning Commission under the Chairmanship of Member (Science), Planning Commission, held two meetings. The report of the Joint Committee is expected by 31 March 1986.

(viii) An inter-Ministerial meeting to discuss the implementation aspects for a major programme on energy plantations was organised and decisions taken regarding implementing agencies, programme contents, investment required etc. Officials also participated in the meetings of the Technology Policy Implementation Committee.

(ix) For the first time, Plan schemes for providing science and technology inputs in the area of Forensic Science and Police Wireless and for modernisation of the whole structure have been introduced. Continuous interaction was maintained through participation in the Expert Committees and discussions.

## *B. Environment and Ecology*

(i) The Chapters on Environment and Ecology for the Seventh Plan and Annual Plan 1985-86 were finalised and the proposals for Annual Plan 1986-87 examined. Detailed discussions have been held on several environmental programmes with the Ministry of Environment and Forests and also with the State Governments. Five EFC memos were also examined. A Monitoring Committee, constituted under the Chairmanship of Member (Science), Planning Commission, held preliminary discussions and held its first meeting to review the progress of work under the Ganga Action Plan. A meeting of Central and State officials to discuss the modus-operandi of the setting up of biosphere reserves was also organised and the Department of Environment was advised to take further action. A proposal for

setting up of a Joint Board for Prevention and Control of Water and Air Pollution for the North-Eastern region was examined.

(ii) The Division examined various proposals relating to rehabilitation measures, technical and environmental aspects for the victims of Bhopal Gas Tragedy.

### *C. Forestry and Wildlife*

(i) The Seventh Five Year Plan (1985—90) and the Annual Plans for 1985-86 and 1986-87 for the Forestry and Wildlife sector were finalised after discussions with respective Departments/States/UTs. EFC Memos of various Central Sector and Centrally Sponsored Schemes of Forestry and Wildlife were examined and comments/approvals communicated to the Departments concerned. Various projects/proposals such as, the externally-aided Social Forestry Projects of Assam and Meghalaya, Watershed Management in the catchment of the Giri Bata Project, Himachal Pradesh; Red Oil Palm in India and FAO Regional Project on Wood Energy Development were examined. Besides, briefs/notes/comments on various matters connected with Forestry Planning, revision of the National Forest Policy 1952 etc., were prepared. Officials visited some States/UTs to have discussions on major forestry projects. A plan of action to visit some more States has been prepared with a view to have detailed discussions on the technical and organisational aspects of such programmes so as to improve the programme contents.

(ii) A technical group met under the Chairmanship of Member, Planning Commission (incharge of Forestry), to evolve a strategy for development of a data-base for monitoring wasteland development programmes on a scientific basis. A report giving the definition of wastelands and measure for further studies and various steps for monitoring of the project has been submitted to National Wastelands Development Board (NWDB). Discussions were organised to evolve the pattern of Central assistance to be provided by NWDB for various schemes.

(iii) An exercise has been undertaken to analyse and collate the total ongoing afforestation effort in all the States/UTs, comprising social, and Production Forestry, afforestation of degraded lands, forestry programmes under IRDP, NREP and RLEGP, etc. The analysis would be made keeping in view the targets/available infrastructure investments/shortfalls etc.

#### 5.4.19. 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. 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, Joint Adviser (Health) attended a number of seminars, meetings, conferences on the subjects pertaining to health and family welfare held under the auspices of National|International Institutions|Organisations|Associations.

#### 5.4.20. Social Welfare and Nutrition Division

(i) The Chapters on Social Welfare, Nutrition and Socio-economic Programmes for Women for the Seventh Plan were finalised. Also the chapters on Social Welfare and Nutrition were finalised for the Annual Plan 1985-86.

(ii) The Division was actively involved in the discussions of the Annual Plan 1986-87 with the concerned Central Ministries|Departments States and Union Territories. Emphasis was given on the development programmes for women and children.

(iii) Scientific literature on 'Nutrition' was reviewed. Discussions were held with States regarding the effective implementation of the nutrition programmes at the block and village levels. States were advised to upgrade and strengthen nutrition programmes by providing health and other related services to make the programme more effective. The unit cost of nutrition programmes was reviewed under the Plan and non-Plan and the same was revised upward keeping in view the local needs.

(iv) Under 'Socio-economic Programmes for Women', technical papers were prepared giving the prevalent position of women in the various socio-economic fields, identifying problems related to their development, the programmes taken up so far, and their reviews, and suggestions made for improving the status of women in the fields of health, education, science and technology, employment, etc. Beneficiary-oriented programmes under different sectors of development were examined, and



discussions held with the concerned Ministries for finalising the list of general schemes of development under which specific targets could be fixed for coverage of women.

(v) The Division was closely associated with the Review Committee set up to examine the functioning of the Central Social Welfare Board and its programmes. It was also associated with research studies sponsored/undertaken by the Ministries, the National Institute of Public Cooperation and Child Development and other agencies. It participated in the design and conduct of research studies on (i) lathyrism and (ii) alternative models of child care.

(vi) The Division represented Planning Commission in various committees, seminars, conferences etc. in the fields of child welfare, women's welfare and welfare of the handicapped etc.

(vii) Two papers, viz., (i) Child monitoring system—a conceptual framework and (ii) Formulation and implementation of nutritional policies and programmes were prepared for presentation at the national level seminars.

#### 5.4.21. *Backward Classes Division*

(i) Guidelines for preparation of Tribal Sub-Plans and Special Component Plans for Scheduled Castes for the Seventh Five Year Plan were circulated to the Central Ministries and the States/Union Territories by the Minister of Planning. Inter-Ministerial meetings were convened to identify schemes and quantify outlays for the special Component Plans for Scheduled Castes. Evaluation notes were prepared on the reports of the two Working Groups constituted for the Seventh Plan for the development of Scheduled Castes and Scheduled Tribes respectively for discussion in the Planning Commission.

(ii) The Division reviewed the programmes for the development of Scheduled Castes and Scheduled Tribes implemented under the special Component Plans of the concerned States/UTs as part of the Seventh Five Year Plan and the Annual Plan 1985-86. A detailed review was made in respect of the number of Scheduled Caste and Scheduled Tribe families economically

assisted to cross the poverty line under the States' Special Component Plans and Tribal Sub-Plans.

(iii) A chapter on Socio-Economic Programmes for Scheduled Castes and Scheduled Tribes for the Seventh Five Year Plan was prepared. The Division also reviewed the activities of the States' Scheduled Castes Development Corporations in the National Conference of the Managing Directors of these corporations.

(iv) The Division prepared papers on :

- (a) Primitive Tribes and the need for subsidised food for them ;
- (b) Fixing targets for beneficiary-oriented programme for women under the Special Component Plan for Scheduled Castes and the Tribal sub-Plan ;
- (c) The role played by the Planning Commission in the formulation of a Plan for Scheduled Tribes ;
- (d) A note on Sixth|Seventh Plan outlays|Expenditure on Tribal Development ; and
- (e) Public Sector outlays in Rural|Urban areas for development of Scheduled Castes and Scheduled Tribes.

#### 5.4.22. *Labour, Employment and Manpower Division*

(i) The Division deals with matters pertaining to Employment Policy and Strategy, Manpower Planning, Labour Policy, Craftsmen's Training, Apprenticeship Training and Labour Welfare Programmes. During 1985-86, the Division was engaged in drafting the Chapter on "Employment, Manpower Planning and Labour Policy" for the Seventh Five Year Plan.

(ii) The NSS results of the 32nd and 38th Rounds were analysed and projections of the labour force and unemployment were prepared. Estimates of stock, economically active population and unemployment in respect of educated manpower were made for the Seventh Five Year Plan. Labour co-efficients for estimating employment generation for the Seventh Plan period were developed for various sectors of the economy.

(iii) The Division engaged itself in analytical studies pertaining to employment, labour force and manpower. Efforts were made to guide the States/UTs in the preparation of a manpower profile for effective manpower planning in the States/UTs.

(iv) The Division monitored the progress of implementation of schemes relating to two points of the 20-Point Programme, namely, (a) Review and effective enforcement of Minimum Wages for Agricultural Labour and, (b) Rehabilitation of Bonded Labour.

(v) The study teams set up under The National Level Guidance Committee for Self-Employment for undertaking an evaluation of self-employment schemes visited the States of Uttar Pradesh, Bihar and Andhra Pradesh.

(vi) The Division participated in a number of Committees, Groups and Seminars on subjects relating to employment, manpower and labour policies organised by different Ministries and Agencies. Adviser (LEM) is one of the members of the National Working Group of the Ministers and Experts on Manpower Projections and Vocationalisation set up under the Chairmanship of the Minister of Human Resource Development in the context of the formulation of the National Policy on Education. An expert Committee under the Chairmanship of Adviser (LEM) has been appointed by this Group to review the present position and make an indepth study of the question of mismatch between demand and supply of Manpower in Vocational, Technical and Professional fields at various levels.

(vii) Adviser (LEM) who was deputed by the Government of India to attend the first meeting of Asian Employment Planners organised by the Asian Regional Team for Employment Promotion (ARTEP) at Bangkok in November, 1985 presented the Country Paper on "Major Employment Policies and Programmes in India" and was also a Designated Discussant for the Session to review major employment issues in the region. A Deputy Adviser of the Division attended the 71st Session of the International Labour Conference held in Geneva in June, 1985.

#### 5.4.23 State Plans Division

(i) The important activities of the Division included co-ordination work relating to outlays and expenditure of States

and Union Territories, the issuing of guidelines to States|UTs for the formulation of the Annual Plan 1986-87, constitution 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 States|UTs. The Division also undertook similar action for the States|UTs Seventh Plan, as also the preparation of the summary record of the meetings between the Deputy Chairman, Planning Commission and the Chief Ministers for finalising the States|UTs Seventh Plan 1985 —90.

(ii) The Division also examined adjustment proposals regarding revision of Annual Plan 1985-86 outlays under earmarked|unearmarked sectors|projects|schemes, for the purpose of issuing revised outlay approval letters to States|UTs for the Annual Plan 1985-86. Approval letters were issued in respect of the Annual Plan 1986-87 indicating also the outlays under MNP, earmarked and unearmarked sectors.

(iii) The States|UT Chief Ministers were addressed by the Deputy Chairman regarding monitoring of the State Plan programmes and the deadline for proposing revision of earmarked outlays.

(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.

#### 5.4.24 *Statistics And Surveys Division*

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

(ii) Annual Plan 1986-87 proposals of the State Governments|Union Territories were examined and appropriate Plan outlays recommended.

(iii) Technical details of the statistical schemes proposed by the Department of Statistics and Office of the Registrar General of India for inclusion in the Annual Plan 1986-87 were also examined. 'India's Economy in Figures 1985'—(English and

Hindi) and the 'Basic Statistics relating to the Indian Economy 1984' were brought out by the Division.

(iv) The Division was associated in the implementation of the recommendations of the Standing Committees for (i) Improving the data base for the decentralised sector and (ii) Improvement of data base on Planning and Policy making.

#### 5.4.25. *Indo-Japan Study Committee*

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

(ii) At the last joint meeting of the Committees held at New Delhi in March 1985, it was decided that the theme of the next joint meeting to be held at Tokyo in March 1986 should be "Technology Transfer and Industrial Cooperation: Problems and Prospects."

(iii) In January 1986, the India Committee conducted a Seminar of eminent industrialists with first-hand experience of the problems faced in acquiring technology from Japanese companies. Some of the major issues raised at the seminar will be presented in a document to be considered at the joint meeting in Tokyo.

(iv) The Secretariat of the India Committee also compiles a periodic survey of developments in the Japanese economy, with special reference to the latest policy decisions on India/ Japan economic, scientific and technological cooperation.

#### 5.4.26. *Communications, Information and Broadcasting Division*

The Division examined the proposals of the Ministry of Communications and prepared the chapters for inclusion in the Seventh Plan 1985—90 and the Annual Plan 1985-86. The Division also examined and approved the proposals of the Ministry of Communications for setting up corporations for the running of telecommunication services in the cities of Delhi and Bombay.

#### 5.4.27 Plan Information And Publicity Division

(i) The Division examined the proposals of the Ministry of Information and Broadcasting and the Department of Space (INSAT Space Segment) for the Seventh Plan and prepared Evaluation notes thereon. The Division drafted the chapters on Information and Broadcasting and Insat for the Seventh Plan 1985—90 and the Annual Plan 1985-86.

(ii) The Division has undertaken exercises for exploring the possibility of building a 'Communications Sectoral Model' to be ready by the mid-term of the Seventh Plan. A meeting of experts connected with the subject was organised in January 1986 under the Chairmanship of Shri Abid Hussain, Member, Planning Commission, for highlighting the role of the communications system on the economic development of the country. The experts and participants have been requested to contribute critical papers for providing a deeper understanding of the issues relating to the construction of the model. The expert group is likely to meet again in March 1986 to prepare a suitable scheme.

(iii) During the year under report the Division was also involved in the work pertaining to printing and distribution of various studies, reports having socio-economic bearing and other documents, including the Seventh Five Year Plan 1985—90 and the Annual Plan 1985-86. These documents were circulated to the Members of Parliament, Central Ministries, State Governments, Universities, Research Institutions, Libraries and important individuals in India and abroad.

(iv) A list of the publications brought out by the Planning Commission during the year is as below :—

1. Annual Report, Planning Commission 1984-85.
2. Evaluation Report on Essential Supplies Programme.
3. Evaluation Report on Integrated Rural Development Programme.
4. Final Report—Study Group on Agricultural Strategies for the Eastern Region of India.
5. Seventh Five Year Plan 1985—90.
6. Development of the Japanese Financial System.

7. Government-Industry Relations in Japan for Management of Industrial Change.
8. Annual Plan 1985-86 (English).
9. Seventh Five Year Plan 1985—90—A Summary.

#### 5.4.28 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 most important item of work handled by the Division related to the finalisation of the draft of the Seventh Five Year Plan 1985—90 and the placing of this document before the National Development Council for approval, and subsequently before both Houses of Parliament. The Division drafted the schematic framework of the Plan document and chapter summaries as also the time schedule for the formulation of the Seventh Plan. Arrangements were made during the period February—June 1985 for holding the meetings of the Planning Commission with the Central Ministries/Departments for consideration of the Evaluation Notes on the Reports of the Working Groups constituted in connection with the formulation of the Seventh Plan. The Division finalised the statements of Plan outlays with reference to alternative scenarios. The discussions with the Ministries/Departments started in February 1985 and were carried through June 1985. The Plan was slated to be submitted in its first draft to the full Planning Commission by the end of July 1985, to the Cabinet in October 1985, and to the NDC by end October/early November 1985. These dates were adhered to. The draft Seventh Plan underwent five revisions before being placed in its final draft form before the Cabinet and the NDC. After approval by the National Development Council the Seventh Five Year Plan 1985—90 was laid on the table of both the Houses of Parliament in early December 1985 and discussed in both the Houses in the Winter Session 1985 itself.

(iii) The Division coordinated the work relating to the publication of the Annual Plan 1985-86. Arrangements were also made for discussions with the Central Ministries|Departments of their Annual Plan proposals for the year 1986-87. Annual Plan allocations of the Central Ministries|Departments for the year 1986-87 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.

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

(v) Adviser (Plan Coordination) prepared and presented a paper on "The Current Indian Five Year Plan" in the fourth meeting of the Indo-GDR group of Planning Experts held in November 1985, at New Delhi.

(vi) A short paper on "Highlights of the Seventh Plan 1985—90" was prepared in the Division, as also a summary of the Seventh Plan 1985—90 (which has been printed).

#### 5.4.29 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 especially in the case of correspondence, general orders and bilingual forms. A meeting of the Official Languages Implementation Committee of the Planning Commission was organised during the year. On review of the work done in Hindi in the Planning Commission, efforts continued to be made progressively to increase the use of Hindi in official work.

(ii) During the year under report, important documents and papers continued to be brought out in Hindi also. These included the Seventh Five Year Plan 1985—90 and Annual Plan 1985-86, material pertaining to Parliament|Consultative Committees and Estimates Committee etc.



#### 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 those in the Programme Evaluation Organisation. It also provided consultation facilities and reference service to researchers, scholars and officers of other organisations, institutions and Universities etc.

(ii) During the year under report, 3052 publications were added and 750 titles of periodicals were received in the Library. The Library also answered 23,150 reference questions and attended to the specific needs of 11,700 persons. About 25,400 readers visited the Library.

(iii) 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 1985-86, 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 Scheduled Castes/Scheduled Tribes in Civil posts are duly complied with. Director (Adm.) functions as the Liaison Officer for the purpose in respect of the Planning Commission, the Programme Evaluation Organisation and its field Units.

(ii) No case came to the notice where the instructions issued by the Department of Personnel and Administrative Reforms relating to the employment of Ex-Servicemen in the Planning Commission have not been followed.

## CHAPTER VI

### GRANTS-IN-AID

6.1 The programme of giving block grants to the Institute of Economic Growth, Delhi, the University of Bombay and the Gokhale Institute of Politics and Economics, Pune was continued. During the year 1985-86 (upto the end of January 1986) grants-in-aid amounting to Rs. 20 lakhs were released by the Socio-Economic Research Unit for research studies considered useful for Plan formulation and implementation. Out of this, Rs. 5.31 lakhs was given under the block grant pattern to three institutions, viz., the Institute of Economic Growth, Delhi (Rs. 1.57 lakhs), the University of Bombay (Rs. 1.99 lakhs) and the Gokhale Institute of Politics and Economics, Pune (Rs. 1.76 lakhs). The remaining amount of Rs. 14.6 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 :

S. No.	Subject of the Research Study/ Seminar/Conference/Publication	Name of the Institution/University	Amount (Rs.)
1	2	3	4
1.	An Integrated Approach to the Development of the Emerging Metropolis of Visakhapatnam and its Hinterland	Institute of Development and Planning Studies Visakhapatnam.	105,000.00
2.	Technological changes in Traditional Village Industry—A case study of Coir Industry in Kerala.	Centre for Tropical Studies Trivandrum.	75,000.00
3.	Investment Choice in Public Enterprises.	Institute of Public Enterprises, Hyderabad.	50,000.00
4.	Housing Supplies and Residential Choice behaviour—A Case Study of Ahmedabad.	School of Planning, Ahmedabad.	50,000.00
5.	Ancillarisation of Public and Private undertakings as per guidelines of the Bureau of Public Enterprises.	Indian Centre for Economic and Social Research, Hyderabad.	67,000.00
6.	A study of IRD programmes in Andhra Pradesh.—suggestion to improve quality of these programmes.	National Academy of Development, Hyderabad.	10,000.00
7.	Study of Rural Landless Employment Guarantee programme in selected districts in U.P.	Giri Institute of Development Studies, Lucknow.	24,300.00
8.	A study of the schemes for Development of Women and Children in the rural areas.	The Institute of Development Studies, Jaipur.	13,500.00
9.	A study of the role of voluntary organisations in the development of scheduled castes.	Baba Sahib Dr. B.R. Ambedkar Research Institute, New Delhi.	26,000.00
10.	Holistic Modality for Interface Operation in Integrated Health Care.	Institute for Child Health, Calcutta	50,400.00

11. A study of the schemes for Development of Women and Children in the Rural Areas.	Centre for Regional Ecological and Science Studies in Development Alternatives, Calcutta.	45,000.00
12. Study of Rural Landless Employment Guarantee Programme in selected districts of West Bengal and Orissa.	-do-	52,200.00
13. A study of Regional Imbalance in Vocational education and Manpower planning in Marathwada.	Swami Paramanang Teerth Research Institute Aurangabad.	18,000.00
14. Extent, forms and linkages of common property land in Kosi Embankment Area, North Bihar.	University of Delhi, Delhi.	28,000.00
15. The Development Impacts of Employment Guarantee schemes in Maharashtra.	Tata Institute of Social Sciences, Bombay.	17,300.00
16. Old (walled) Cities in India—case study of Hyderabad.	University of Hyderabad, Hyderabad.	62,000.00
17. A study of Exploitation of Minor Irrigation Potential.	International Institute of Social Research, Hyderabad.	1,11,000.00
18. Growth and Regulation of Foreign Private Capital in India since Independence to the year 1984-85.	Indian Institute of Public Administration, New Delhi.	40,000.00
19. An Economic Survey of Lathyrus Cultivation and its Substitutes in Madhya Pradesh.	Jawaharlal Nehru Krishi Vishwavidyalaya, Jabalpur.	41,762.00
20. Evaluation of Wool Development Programme in relation to Sheep Breeding, wool production and supply.	Indian Institute of Management, Ahmedabad.	17,000.00

21. Inter-state study of socio-economic impact of income generating schemes for Tribal Women in the Integrated rural development programme under 20-point programme in Orissa and Madhya Pradesh. Jigyansh Tribal Research Centre, New Delhi. 48,000.00
22. A study of the scheme for Development of women and children in the rural area in Punjab. Punjab State Institute of Public Administration, Chandigarh. 8,100.00
23. Study of Rural Landless Employment Guarantee Programme in selected districts of Punjab. -do- 9,000.00
- Short-term studies*
24. Growth with Income Distribution and Price changes with special focus to LES demand functions. Indian Statistical Institute, Calcutta. 36,000.00
25. Study of Adverse Effects of Development Works (with special reference to rail and road embankments). National Institute of Social Work and Social Sciences, Bhubaneswar. 50,000.00
26. Regional Model for Agriculture. Indian Statistical Institute, Calcutta. 34,500.00
27. Productivity Improvement study for Groundnut in Gujarat National Productivity Council, New Delhi. 2,600.00
28. Productivity Improvement studies in Rapeseed, Mustard and Soyabean in U.P., Madhya Pradesh and Rajasthan. -do- 25,000.00
29. A study of Vocationalisation of Education at the Higher Secondary stage in A.P., Tamil Nadu and W. Bengal. Indian Institute of Education, Pune. 50,000.00
30. Development strategies for less developed regions-studies in Western UP and Bandalakhand districts of UP and MP. Govind Ballabh Pant Social Science Institute Allahabad. 20,000.00

31. Study of Mass Media as Input into Plan Implementation.	Mass communication Research Centre, New Delhi.	40,000.00
32. Management of Irrigation and its effect on productivity under different environmental and technical conditions.	Madras Institute of Development Studies, Madras.	32,000.00
33. Rural Development—Planning for participating in the development process.	Institute of Economic Growth, Delhi.	16,000.00
34. Irrigation Projects and their utilisation with reference to West Bengal.	Centre for Studies in Economic Appraisal, Calcutta.	29,000.00
<i>Seminars</i>		
35. Workshop on Measuring Economic Benefit from Social Outlays.	Centre for Research Planning and Action, New Delhi.	22,500.00
36. Regional Conference 25-26, Oct. 1985.	The Indian Econometric Society, Ahmedabad.	9,000.00
37. Annual Conference, 1985 of the Indian Economic Association.	Gujarat University, Ahmedabad.	36,000.00
38. 20th Anniversary Conference of Input-output Research Association.	North-Eastern Hill University, Shillong	27,000.00
39. Seminar on Information System for Sub-national Development Planning at Visakhapatnam.	Institute for Coastal and Offshore Research, Visakhapatnam.	13,500.00
40. International Conference, Advanced Studies Institute in Regional Science and Planning for the Developing Countries.	Indian Institute of Technology, Kharagpur.	22,500.00
<i>Publications</i>		
41. Income and Wealth Vol. 7 No 2.	Indian Association for Research in National Income and Wealth, New Delhi.	12,000.00

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. 39.6 lakhs upto the end of December 1985. The twenty-second Annual Report (1984-85) of the Institute of Applied Manpower Research alongwith the Review of the activities of the Institute during the year 1984-85 was laid on the Table of both the Houses of Parliament.

*List of Studies|Seminars|Conferences approved  
Studies*

1. "Long-term Research Project on Regional Models for Agriculture and Manufacturing Sectors", Dr. K. C. Majumdar, ISI, Calcutta.
2. A Study of Rural Artisans in Selected Intermediate-Sized Urban Centres—National Institute of Urban Affairs, New Delhi.
3. Aspects of Human Fertility—A Socio-Economic Study, University of Kalyani, Kalyani.
4. Indigenous Alternatives in Social Institutions for Rural Development proposal by Dr. Uma Shankari.
5. Development and Alternative Planning Strategies for India's Livestock Resources—proposals by Dr. S. N. Mishra.
6. Productivity Improvement Study for Groundnut in Gujarat—National Productivity Council, New Delhi.
7. Productivity Improvement Studies on Rapeseed, Mustard and Soyabean in the States of Madhya Pradesh, Uttar Pradesh and Rajasthan—National Productivity Council, New Delhi.
8. Education and Development in India Retrospect and prospect 1950—2000—International Education Consortium, Sujan Singh Park, New Delhi.
9. Alleviation of Urban Poverty—Study of Designing Employment Programmes for the Urban Poor—National Centre for Human Settlement for Environment, Bhopal.



10. Management of Irrigation and its effect on productivity under different environmental and technical conditions—Dr. A. Vaidyanathan and Dr. C. T. Kurian, Madras Institute of Development Studies, Madras.
11. Land Distribution in Amethi Tehsil of Sultanpur District—A pilot study—Dr. Kripa Shankar, Arthik Anusandhan Kendra, Allahabad.
12. Problems and Prospects of Soyabean Production, Marketing and Processing in M.P.—Dr. S. P. Pant, Institute of Development Studies.
13. Rural Development—Planning for participating in the Development Process—Prof. G. Kadekedi; Institute of Economic Growth, Delhi University, Delhi.
14. Study of Common Land Resources : Its Impact on Weaker Sections and Nomadic Livestock Breeding—Shri J. L. Jain, Secretary—Director Kumarappa Institute of Gram Swaraj, Bapu Nagar, Jaipur.
15. Estimation of Seed, Food and Wastage Rates for Foodgrains in India—Dr. P. C. Bansil, Techno-economic Research Institute, New Delhi.

#### *Seminars/Conferences*

1. Seminar on Advanced Studies Institute in Regional Science and Planning for the Developing Countries—Indian Statistical Institute, Calcutta.
2. National Seminar on the Approach to Seventh Five Year Plan—Indian Economic Association, S. V. University, Tirupati.
3. National Workshop on Development Policy for Seventh Five Year Plan—Indian Institute of Public Administration, New Delhi.

4. Annual Conference, Indian Economic Association, December 1985—University School of Social Science, Ahmedabad.
5. Regional Seminar Information Systems for Sub-national Development Planning, December 1985—Institute for Coastal and Off-shore Research, Visakhapatnam.
6. Eleventh Session of World Congress of Sociology in August 1986—Indian Sociological Society, JNU, New Delhi.
7. International Conference on Transportation Systems Studies, December 1985—Indian Institute of Technology, New Delhi.
8. Seminar on Integrated Rural Energy Planning Programme, November 1985—State Planning Institute, UP Lucknow.
9. Seminar on Road and Road Transport in Rural Areas at New Delhi in November 1985—Central Road Research Institute, New Delhi.

## Annex II

### *List of Studies Completed and Draft Reports Received during 1985-86*

1. "Promotion of Ancillarisation in Public and Private Sector undertakings as per guidelines of Bureau of Public Enterprises"—Indian Centre for Economic and Social Research, Hyderabad.
2. "A study of the Role of voluntary organisations in the Development of scheduled castes"—Babasaheb Dr. B. R. Ambedkar Research Institute, New Delhi.
3. "A study of Vocationalisation of Education in Higher Secondary Stage"—M. S. University of Baroda, Baroda.
4. "Disposition of Income of Large, Medium, Small and Marginal Farmers"—The Economists Group, Madras.
5. A critical study of Policies, Priorities and Progress of Educational Development in India with particular reference to regional and social disparities at the elementary educational stage (age group 6—14) Jawaharlal Nehru University, New Delhi.
6. "Utilisation of child development services"—Institute of Social Studies Trust, New Delhi.
7. "Agricultural Growth and Potential in Gujarat"—Sardar Patel Institute of Economic and Social Research, Ahmedabad.
8. "A Study of the schemes for Development of Women and Children in the Rural Areas in Punjab"—Punjab State Institute of Public Administration, Chandigarh.

9. "Study of Rural Landless Employment Guarantee Programmes in selected districts of Punjab"—Punjab State Institute of Public Administration, Punjab.
10. "Empty Wagon Movement"—Gokhale Institute of Politics and Economics, Pune.
11. "Analysis of Regional Variation in fuel consumption of Indian Industries"—Gokhale Institute of Politics and Economics, Pune.
12. "Determinants of Investment Behaviour in the Indian Economy"—University of Bombay, Bombay.
13. "Study of Rural Landless Employment Guarantee Programmes in selected districts of West Bengal and Orissa"—Centre for Regional, Ecological and Science Studies in Developmental Alternatives, Calcutta.
14. "A study of the schemes of Development of Women and Children in the Rural Areas" Centre for Regional, Ecological and Science Studies in Developmental Alternatives, Calcutta.
15. "A Study of Rural Landless Employment Guarantee Programmes in selected districts in U.P."—Giri Institute of Development Studies, Lucknow.

## PLANNING COMMISSION

*Information regarding the number of deputations/delegations sent abroad during 1985-86, the number of persons included in these deputations, the total expenditure incurred thereon etc.*

Sl. No.	Name of the officer with designation	Name of the country/place visited	Purpose of visit	Duration	Expenditure borne by the Government
1	2	3	4	5	6
1.	Dr. Manmohan Singh, Deputy Chairman	Helsinki (Finland)	To attend the Advisory Group Meeting of the World Institute for Development Economics Research at Helsinki.	October 24-31, 1985	All expenses borne by the Organisers.
2.	Prof. M.G.K. Menon, Member	London	(1) To attend the meeting of the— (i) Working Group of the Commonwealth Secretariat in London.	22-4-1985 to 7-5-1985	Expenses borne by the Government of India (Planning Commission)
		U.S.A.	(ii) the Standing Advisory Committee for North America on Bio-Technology, and also visited important Bio-technology Corporations in USA including the meeting with the Science Adviser to US President, Washington.		

Prof. M.G.K. Menon, Member	Paris	(2) To attend the meetings of — (i) The leading Scientists of India and France at Paris. (ii) the Steering Committee for the Project on the Environmental Consequences of Nuclear War, University of Essex, England.	June 3-10-1985	Expenses borne by the Government of India (Planning Commission)
	England			
	Trieste (Italy)	(3) (i) To attend the meeting of first conference of the Third World Academy of Sciences in Trieste (Italy)	July 4-14, 1985	-do-
	London	(ii) Chairing the final meeting of the Working Group on 'Management of Technological Change' set up by the Commonwealth Secretariat in London.		
3. Shri Abid Hussain, Member	Singapore	(1) To attend the Conference on 'Doing Business in India' organised by the Centre for Management Technology in cooperation with the Singapore Indian Chamber of Commerce in Singapore.	August 6-7, 1985	-do-
	Paris (France)	(2) To participate in the Seminar on 'Industrial and Economic Cooperation' under the aegis of Festival of India at Paris (France)	February 5-6, 1986	Expenditure borne by the Indian Council for Cultural Relations, New Delhi.

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| 4. Shri Hiten Bhaya,<br>Member       | Kathmandu<br>(Nepal) | To attend the Workshop on Managing<br>the Managers organised by the Ma-<br>nagement Development Institute,<br>New Delhi, at Kathmandu (Nepal)   | September<br>25-30, 1985      | All expenses borne<br>by the Government<br>of India (Planning<br>Commission). |   |
| 5. Dr. R.J. Chelliah,<br>Member      | Harare<br>(Zimbabwe) | To Chair the meeting of the Commission<br>of Inquiry into Taxation in Harare<br>(Zimbabwe)  | 20-11-1985<br>to<br>6-12-1985 | All expenses borne<br>by the Organisers.                                      |   |
| 6. Dr. Bhupinder Singh,<br>Adviser   | Kathmandu<br>(Nepal) | To attend the meeting of the Interna-<br>tional Centre for Integrated Moun-<br>tain Development at Kathmandu.   | May 27-29,<br>1985            | -do-  |   |
| 7. Shri S.L. Khosla,<br>Adviser      | New York             | To participate in the 9th Session of the<br>U.N. Committee on Natural Resour-<br>ces at New York.   | April<br>8-17, 1985           | All expenses borne<br>by the Government<br>of India (Planning<br>Commission). |   |
| 8. Dr. K. Kanungo,<br>Adviser        | Manila               | To participate in the Project Design<br>Workshop of the International Rice<br>Research Institute, Manila.   | April<br>8-13, 1985           | All expenses borne<br>by the Organisers.                                      |   |
| 9. Shri J. Veeraraghavan,<br>Adviser | Bangkok              | To attend the Fifth Regional Confe-<br>rence of Ministers of Education and<br>these Responsible for Economic<br>Planning in Member States of Asia<br>and the Pacific, Bangkok-Delegation<br>led by Shri K.C. Pant, Minister for<br>Education. | March<br>4-11, 1985           | All expenses borne<br>by the Government<br>of India (Planning<br>Commission). |   |

10. Dr. K.C. Seal,  
Adviser  
Oxford. UK  
To participate in the 10th Conference of the Commonwealth Statisticians at Oxford (UK).  
31-7-1985  
to  
9-8-1985  
All expenses borne by the Government of India (Department of Statistics).
11. Dr. (Mrs.) R. Thamarajakshi, Adviser  
Bangkok  
To participate in the first Meeting of Asian Employment Planners of the ILO's Asian Employment Programme (ARTEP) at Bangkok.  
November 26-29, 1985  
All expenses borne by the organisers.
12. Shri K.L. Thapar,  
Adviser  
Bangkok  
To participate in the ESCAP meeting of Ministers responsible for Transport and Communications and the Senior Highway Officials meeting.  
January 21-25, 1985  
All expenses borne by the Government of India (Planning Commission).
13. Shri K.V.S. Murthi,  
Adviser  
Nairobi (Kenya)  
To participate in the Seminar on Small Industries for self-employment of the National Small Industries Corporation Ltd., New Delhi, held at Nairobi.  
March 10-13, 1985  
All expenses borne by the Organisers.
14. Dr. Krishan Sondhi,  
Adviser  
U.S.A.  
Study of various Technologies, Systems and Organizations for modernising the Communications Section.  
May 8-21, 1985  
All expenses borne by the Government of India (Planning Commission).
15. Shri C.G. Desai,  
Adviser  
Kathmandu (Nepal)  
(1) To participate in the Top Level Seminar on Irrigation Management Policy Issues.  
May 9-11, 1985  
All expenses borne by the Government of India (Planning Commission).
- Brussels (Belgium)  
(2) Vth World Congress on Water Resources organised by the International Water Resources Association (IwRA) at Brussels.  
June 9-15, 1985



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16. Dr. P.D. Mukherji Adviser	Bangkok	To participate in the Inter-regional Seminar on the role of the public sector in the mobilisation of domestic financial resources for social and economic development in developing countries under UNDP	December, 1985	All expenses borne by the organisers	
17. Dr. Harcharan Singh, Joint Adviser	Bangladesh	(1) To participate in the Conference at the International Centre for Diarrheal Diseases Research in Bangladesh—under the USAID.	March 17-22, 1985	-do-	
	Florence (Italy)	(2) To attend the International Meeting on 'Aid and Cooperation in the field of Population and Development Issues and Strategies' in Florence (Italy).	June 3-12, 1985	-do-	
	Washington	(3) To attend the International Conference on Oral Rehydration Therapy—under UNICEF	December 9-13, 1985	-do-	
18. Dr. S. Ramanathan, Deputy Adviser	Beijing (China)	To participate in the Seminar on Development and Applications of Remote Sensing for Planning, Management and Decision making at Beijing.	April 15-25, 1985	-do-	

19. Shri D.P. Roy,  
Deputy Adviser
- Geneva
- To attend the 71st Session of the International Labour Conference of ILO.
- June 5-28, 1985
- All expenses borne by the Government of India (Planning Commission).
20. Dr. K.V. Sundaram,  
Joint Adviser
- Delft
- To attend the International Symposium organised by the Netherlands Ministry of Housing, Physical Planning and Environment.
- June 2-9, 1985
- All expenses borne by the Organisers.
21. Dr. (Mrs.) Manju  
Sharma, Joint Adviser
- Singapore
- (1) To attend the Conference on the Industrial Water Technology—Treatment, Reuse and Recycling organised by the International Association on Water Pollution Research and Control at Singapore.
- May 28-31, 1985
- All expenses borne by the Government of India (Planning Commission).
- New York.
- (2) To attend the 32nd Session of the Governing Council of UNDP..
- June 3-7, 1985
- do-
- Rome
- (3) To attend the Seminar on Role and Strategy of National Research in Science Development in Rome.
- 30-9-1985 to 4-10-1985
- All expenses borne by the Organisers.
22. Shri Devendra Narain,  
Joint Adviser
- London
- (1) To participate in the Inter-Governmental Consultative Group Meeting on Evaluation of CFTC Projects.
- February 19-20, 1985
- do-
- London
- (2) -do-
- July 15-16, 1985
- do-

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23.	Shri H.R. Verma Joint Adviser	Seoul (Korea)	To participate in the International Forum on Industrialisation and Rural Change at Seoul (Korea).	September 17-26, 1985	All expenses borne by Organisers.
24.	Shri N.K. Dikshit Joint Adviser	Townsville (Australia)	5th Afro-Asian Regional Conference of International Commission on Irrigation and Drainage in Townsville.	31-8-1985 to 4-9-1985	All expenses borne by the Government of India (Planning Commission)
25.	Shri S.N. Raghavan, Senior Research Officer	Amsterdam	To participate in the Centenary Session of the International Statistical Institute (ISI).	August 12-22, 1985	All expenses borne by the Government of India (Planning Commission).
26.	Shri Rajiv Khanna, Senior Research Officer	Moscow	To attend the Seminar on Energy Planning Techniques organised by the ESCAP	23-8-1985 to 7-9-1985	All expenses borne by the Organisers.
27.	Shri R.S. Uppal, Senior Research Officer	Bangkok	To attend the Regional Review meeting on Situation of Education of Girls for Universalisation of Primary Education.	November 19-28, 1985	-do-
28.	Shri S.K. Chopra, Adviser	Islamabad (Pakistan)	To participate in the Symposium on Rural Energy—Problems/Systems in SARC Countries in Islamabad (Pakistan).	February 3-6, 1986	Cost of air-fare to and fro and other expenses borne by the Government of India (Planning Commission).