

ANNUAL REPORT

1978-79

NIEPA DC



D06533



GOVERNMENT OF INDIA
MINISTRY OF EDUCATION AND SOCIAL WELFARE
(Department of Education and Department of Culture)
NEW DELHI

PUBLICATION NUMBER 1209

26533
13/12/91

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DEPARTMENT OF EDUCATION

INTRODUCTORY

Poliy and Approach

The year 1978-79 was marked by efforts to translate into action the new policies and approaches identified in consultation with the States during 1977-78 to give a meaningful egalitarian orientation to the educational efforts of the Government. The national objective of universal literacy has now been spelt out in time-bound action programmes for universalisation of elementary education and spread of adult education. The content of education is being revised at all stages of education to base it upon the best in our tradition and make it relevant to local needs and environment. The emphasis will be on the development of the total personality of the individual and promotion of social and moral values.

Education Ministers' Conference

A Conference of Ministers of Education of States and Union Territories was held in July 1978 to discuss the programmes of action drawn up to implement the policies and priorities that emerged during 1977-78.

The Conference approved the framework of action for the implementation of universalisation of elementary education on a time-bound basis based on the recommendations of a working group set up in collaboration with the States and the Planning Commission. The framework of action envisaged a national target of enrolment of 320 lakhs of children in the age group 6—14 during the next 5 years 1978—83. This will imply enrolment of 90 per cent of the children in the age group 6—14. The Conference emphasised the need for special efforts for the enrolment and retention of girls, Scheduled Castes and Scheduled Tribes through, wherever necessary, a properly designed programme of incentives.

The Conference agreed that school education should comprise elementary, secondary and higher secondary stages of 12 years' duration; the undergraduate stage of higher education may be of 3 years' duration. However, where a State so desires it can have 2-years' pass and a 3-years' honours course. The Conference welcomed the efforts to recast the content of education at all the stages.

(ii)

The Conference supported action to be taken for the implementation of National Adult Education Programme and resolved to give the highest priority to the programme.

Draft National Policy on Education

Based on extensive consultations and discussions the Ministry had attempted a draft National Policy on Education which was placed before the Conference of Education Ministers. The Conference while broadly approving the outlines of the policy wanted time for the communication of the remarks of the State Governments. These remarks have since been received. The draft Policy has since been revised keeping in view the remarks of the State Governments and other Central Ministries. It is hoped to finalise the draft Policy very soon and place it before the country and Parliament.

Universalisation of Elementary Education

Elementary education has been accepted as one of the high priority areas of action by the Government along with adult education. Time-bound plans have been drawn up for the universalisation of elementary education in the country. In line with the recommendations made by a working group set up in collaboration with the Planning Commission and the States, a provision of Rs. 900 crores—nearly 46 per cent of the total provision for education—was made in the draft Five Year Plan for Education. This represents a substantial increase from the provisions made in the previous plans which have ranged around 30 per cent. It also meant nearly doubling the provision of Rs. 410 crores made for elementary education in the Fifth Five Year Plan. The States were requested to draw up plans for universal elementary education in their jurisdiction and the plans were discussed in regional conferences with the authorities of the State Governments. These plans emphasised not merely enrolment but also efforts to stabilise attendance and efforts to bring down the dropout rates. An entirely new feature has been the emphasis on non-formal education programmes for the older children who have dropped out of school and those who have not been to school. These non-formal education programmes designed to suit the needs and requirements of these children who are mostly girls and drawn from weaker sections of the population, are expected to ensure extension of educational opportunities to the weaker sections and at the same time reduce the dropout rates. Particular attention is being given to the 9 States which

have lagged behind in elementary education and which have 75 per cent of the non-enrolled children. These are Andhra Pradesh, Assam, Bihar, Jammu and Kashmir, Madhya Pradesh, Orissa, Rajasthan, Uttar Pradesh and West Bengal. The States have also been advised during the discussions on the draft Five Year Plan 1978-83 and Annual Plan 1979-80 to ensure that adequate provision is made for the elementary education sector. However, it must be mentioned here that due to difficult resources position some of these States are encountering difficulties in providing adequate funds for elementary education. It may, however, be possible through more intensive utilization of educational facilities and also redeployment of the resources available to the Education Departments to secure greater impact. Government of India are aiming at 90 per cent enrolment of the children in the age group 6-14 by 1982-83.

Content of Education

The Report of the Committee to review the curriculum at the school stage has been accepted by the Central Government. It was discussed at the Ministers' Conference and broadly approved. The Central Board of Secondary Education has reviewed its curriculum dropping the academic load on the lines recommended by the Committee. The Conference of Chairmen of the State Boards of Education has also accepted a majority of the recommendations which are under various Stages of implementation in the State. Government objective is to move towards a revision of the contents of education basing it on the best in our traditions and making it relevant to our needs and environment.

Adult Education

The National Adult Education Programme, which was drawn up after detailed and wide ranging discussions at various levels was inaugurated on 2nd October, 1978. A provision of Rs. 200 crores has been made for the adult education programme in the Plan 1978-83 which represents nearly 10 per cent of the total plan provision for education.

Discussions have been held with the State authorities for the implementation of the programme in the States. The State Boards of Adult Education are in position in all the States and Union Territories. The Administrative infrastructure has moved into position in most of the States and Union Territories. Volun-

tary organisations are being mobilised in most of the States and they are seeking the assistance of the Central Government through the State Governments on a large scale. The Ministry is also setting up an evaluation and monitoring machinery to ensure that the impact of the programme is being carefully evaluated and monitored.

Vocationalisation

The programme of vocationalisation of secondary education has picked up momentum during the year under review. The Centre's role in the scheme is mainly to ensure countrywide acceptance of this concept and to assist the State Governments in establishing the relevance of vocationalisation to our socio-economic needs. The provision of funds in the Central sector for assisting the States in their efforts in the field of vocationalisation of higher secondary education, has been utilized in full and the general response of the State Governments has been quite encouraging. Financial assistance has been released to 80 districts in 14 States for taking up vocationalisation.

Higher Education

The University Grants Commission finalised the policy framework for the development of higher education in India for the next 10—15 years and also the approach to development of higher education for the next 5 years. The policy framework envisaged a flexible and dynamic system of education providing for opportunities for life long learning and reduction of disparities. The approach paper lays emphasis on quality improvement programmes designed to raise the standards of teaching, research and expansion of educational facilities will receive very low priority.

Two regional conferences of vice-chancellors endorsed the policy and priorities accepted by the U.G.C. These conferences emphasised that the universities must give greater importance to extension programme. The State Governments have been advised to set up inter-university coordination boards so as to make use of all available resources and expertise for the coordinated development of the academic programmes of the various universities in each State.

The Commission has appointed a standing committee to advise it on the general policy regarding restructuring of courses at the undergraduate stage. A set of guidelines have also been com-

municated to the universities for restructuring of courses of study at the first degree level with the general principle of relevance and flexibility so that they would be related to local needs and environment.

The Commission has agreed to implement the scheme of **adult education through universities and a beginning has been made** in selected universities. The Commission has also suggested to universities the inclusion of Gandhian studies as one of the themes under foundation courses as part of the reorganisation of the courses of study. The Commission has agreed to provide assistance to universities and colleges to help them to provide remedial courses to students coming from weaker sections of the society.

Apart from these measures, Government have over the past one year dismantled the authoritarian structure developing in the education system and provided for the democratic institutions to function at all levels. The students' unions and organisations of various categories of staff have all started functioning normally. The State Governments and universities have also been advised to set up suitable representative bodies to look into the grievances of the various groups and provide for prompt remedies.

Physical Education, Games and Sports

The All India Council of Sports was reorganised to make it more functional and effective. The Council has been asked to advise the Government on a draft National Policy on Games and Sports. The Central schemes for the development of sports and physical education were reviewed by a working group which has recommended the continuance of the existing schemes with suitable modifications to make them more broad based and rural centered.

The All India Rural Sports Talent organised with a view to involving the youth in the rural areas in sports activities has now become a regular annual programme with a participation of about 12 lakhs rural youth from the block to the national level. The National Sports Festival for Women first organised in 1975 has also become a significant annual feature of the current sports calendar. This year the festival was organised in January 1979 in Calcutta in which 1600 sportswomen belonging to 27 States and Union Territories took part. Our improved

performance at the Asian Games is an encouraging sign of our progress in sports.

Government have agreed to stage the Asian Games 1982 in New Delhi and preparations are underway for organising these Games.

Technical Education

The efforts aimed at consolidation, diversification and faculty development in the sector of technical education were continued last year. The report of the Working Group set up to review the present status of the nations' needs during the coming decade and to make recommendations in regard to existing programmes was fully endorsed by the All India Council for Technical Education in February, 1978. Action is being initiated on the recommendations of the Working Group for which the main responsibility is with the State Governments. Action has been taken by the Ministry through an Expert Committee for the identification of 28 polytechnics in the country as community polytechnics which will be used as focal points to promote transfer of technology. The rural development and advance research programmes adopted by the Indian Institutes of Technology are progressing satisfactorily.

Book Promotion and Languages

The National Book Trust was reconstituted. The Trust has made a beginning by publishing in a few Indian Languages in collaboration with the Adult Education Directorate books meant for neo-literates. The Ninth National Book Fair held at Bangalore was the largest ever National Book Fair.

A Seminar was organised on the theme of Publishing in the Next Decade. The Trust has taken several measures to improve its sale programme. During 1978-79 the import policy for books was rationalised and liberalised and considerable simplification of the procedures was also effected.

At the invitation of the Government of India, UNESCO and WIPO jointly organised a Regional Seminar on Copyright and Neighbouring Rights for Asian and Pacific States and Territories in New Delhi in December, 1978. The Seminar was attended by fifteen countries from the region.

The diverse programmes undertaken for the development of languages in the country were continued during the year.

Youth Services

The National Youth Board was reconstituted to advise the Government on the formulation of a National Youth Policy. The Board has undertaken a critical review of the programmes for the welfare of student and non-student youth. It held its first **meeting in December, 1978**. The coverage of the National Service Scheme Programme is likely to reach four lakh students at the end of the current year and it is now in operation in all the States and Universities. The N.S.S. students did commendable work in the wake of natural tragedies in different parts of the country.

UNESCO

An Indian Delegation of officials and non-officials participated in the 20th Session of the General Assembly of UNESCO in Paris from 24th October to 28th November, 1978.

Culture

The year under review has been significant on account of the steps taken to reorient policy and programming in the Department of Culture. The Department recognised that it was not **enough to look after the national institutions in the field**. It was also necessary to make full use of cultural manifestations as an educational tool. With this in view, the Department set up a Working Group on Art and Culture, as also several Sub-Committees and Functional Groups. The task of these Working Groups and Functional Groups was to devise ways and means by which there could be a long range programme of the preservation and conservation of the cultural heritage, its fostering and dissemination at various levels, specially at the rural and tribal levels. The Working Group on Art and Culture and the several Functional Groups made a series of recommendations on different facets of the development of culture. Their recommendations could be divided into two broad categories :—

- (i) The linkages of culture with other developmental programmes specially those of education of rural and tribal population.

- (ii) The development and strengthening of the national institutions in the field of culture, such as Archaeological Survey of India, Anthropological Survey of India, National Archives of India, the National Museum and the other functional museums, the institutions of higher Tibetan Studies, the National Library and other functional public and specialised libraries, memorials.

The Working Group also gave its recommendations in regard to programmes and schemes which would foster and disseminate various aspects of Indian Culture and encourage talent. Action on these recommendations will be initiated in 1979-80.

During the year under report, a National Advisory Committee was set up to advise the Government on the preservation of folk and tribal art.

Cultural Exchange

Till the end of last year, cultural agreements had been concluded with 51 countries. During the period under report, cultural agreements were signed with Malaysia, Zaire, Vietnam, Syria, Republic of Korea, Cuba and Tunisia.

Archaeology

The Archaeological Survey of India and 13 Universities and one Research Institute have undertaken a village-to-village survey of antiquarian remains in the country.

The Survey set up a laboratory in Agra to conduct tests as also to study the air-pollution problems in and around the monuments in Agra.

The other activities and programmes in the different areas of the Department of Culture, are recorded in the relevant chapters in this Report.

CHAPTER I

SCHOOL EDUCATION

The main programmes in the field of School Education are :—

- (i) Universal free and compulsory elementary education;
- (ii) Reorganisation of the educational pattern;
- (iii) Vocational of higher secondary education;
- (iv) Reorganisation and expansion of science teaching at the school level;
- (v) Quality improvement programmes in school education;
- (vi) Educational technology project; and
- (vii) Provision of schooling facilities of transferable Central Government employees.

These programmes aim not only at expanding educational facilities at the base but also raising the standard of school education.

The programmes are carried out, among others, through specialised institutions, set up for the purpose. They are :

- (i) The National Council of Educational Research and Training, New Delhi;
- (ii) The Kendriya Vidyalaya Sangathan, New Delhi; and
- (iii) The Central Board of Secondary Education, New Delhi.

Universal, Free and Compulsory Elementary Education

The programme of universalising elementary education constitutes one of the two top most priority programmes in the field of education, the other being National Adult Education Programme, according to the Government's decision to achieve universal literacy in the country within a definite time-frame of not more than 10 years.

Enrolment

As recommended in the report of the Working Group on the Universalisation of Elementary Education, the National target of additional enrolment during the medium-term Plan period is 320 lakhs. If this is realised, 90 per cent of children of the age-group 6—14 would be in classes I—VIII in 1982-83 comprising 110 per cent in 6—11 age-group (classes I—V) and 57 per cent in 11—14 age-group (classes VI—VIII). The report of the Working Group was submitted in February, 1978 and the following constitute the major steps taken during the year for this programme :—

- (i) On the basis of the guidelines given by the Centre, **State Master Plans for Universalisation were prepared and discussed in a series of meetings held with State Government officials in August-September, 1978.** The States were requested to revise or modify their plans on the basis of discussions.
- (ii) To collect most up-to-date data for the preparation **and implementation of the programme of Universalising Elementary Education, the Fourth Educational Survey has been mounted in all States and Union Territories of the country with 30th September, 1978 as the reference date.** Considerable progress has been made and the State data are expected in **March, 1979.**
- (iii) For this programme it is essential to monitor not only enrolment but also attendance figures. **Alongwith the collection of Fourth Survey Data Monitoring of quarterly attendance figures in primary and middle schools of the country has been introduced for the first time.** As per arrangements made, block-level quarterly attendance returns will be received by the Centre for computerisation and quick processing and feedback to the States for remedial steps, wherever necessary.
- (iv) A special study on elementary education administration in 9 States where the problem of non-enrolment and non-attendance is disproportionately larger, has been undertaken with hundred per cent Central assistance, for completion within 6 months.

- (v) Work on the preparation of a Centrally-Sponsored Scheme of 'Experimental Programmes for Non-formal Education for 9—14 age-group Children' has been initiated.

In preparing State Master Plans for Universalisation attempts have been made to identify the magnitude of the problem and suggest specific strategies for bringing into the school system Scheduled Castes and Scheduled Tribes children and girls. It is they who constitute the hard core of non-enrolled children. The main strategy to cover them would be to launch non-formal education programmes on a massive scale, particularly in the educationally backward States. Steps have been taken to prepare local-specific curricula and instructional packages on a decentralised basis, which would be relevant to the needs and life situations of children in various areas.

The State Plans for Universalising Elementary Education have proposed a number of measures for retaining children in school system up to Class VIII. These include measures like ungraded school system at the primary stage, policy of 'no detention' till class VIII but with comprehensive evaluation, multiple-point entry in formal schools, introduction of play-way methods in Classes I—II with adoption of dynamic teaching, teacher improvement and above all, reform of primary curriculum including socially useful productive work, recommended by the Ishwarbhai Patel Committee. These measures, when implemented, would enhance the holding power of the primary and middle schools.

The following table indicates the position and target of enrolment at the elementary stage :

	(in lakhs)		
	1950-51	1977-78	Target 1982-83
<i>Age-group 6—11</i>			
Enrolment: Classes I—V	191.55	701.50	921.50
Enrolment as percentage of age-group population	42.6	82.8	104.3
<i>Age-group 11—14</i>			
Enrolment : Classes VI—VIII	31.20	177.67	277.67
Enrolment as percentage of age-group population	12.7	37.9	54.8
<i>Age-group 6—14</i>			
Enrolment : Classes I—VIII	222.75	879.17	1199.17
Enrolment as percentage of age-group population	32.4	66.9	86.3

Free Education

Education in Classes I—V is already free in Government Schools and in schools run by local bodies in all parts of the country. It is also free in Classes VI—VIII in all States except for boys in Orissa, Uttar Pradesh and West Bengal.

Legislation

All States except Bihar, Manipur, Meghalaya, Nagaland, Sikkim and Tripura have enacted legislation for compulsory education. As for the Union Territories such legislation is available in Delhi, Andaman and Nicobar Islands and Chandigarh.

School Feeding Programmes (Mid-day-Meals Programme)

(Mid-day-Meals programmes have been in operation for children in primary schools. While the primary objective of any nutrition programme is to enhance the nutritional status in children, particularly of the weaker sections of the community, experience says that such programmes help in attracting children to schools and retaining them there. Under the Minimum Needs Programme of the Five Year Plan funds are provided to the States for the operation of such programmes with indigenous food materials.)

CARE has been assisting with the supply of food commodities in operating the Programme in 14 States/Union Territories, namely, Andhra Pradesh, Gujarat, Haryana, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Orissa, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh, West Bengal and Pondicherry. In 1977-78, 76 lakh children have been benefited under CARE-assisted Programme. This coverage has been increased to 107 lakh during the year. For CARE food commodities the State Governments bear the cost of transportation and administration.

Science Education Programme at the Elementary Stage

Started in 1969-70 on a pilot basis, Science Education Programme at the Elementary Stage has been continued on a wider phase during the Fifth Plan period, with assistance from UNICEF. The achievements so far recorded are as below :—

- (i) With 8,999 primary science kits supplied during 1978-79 the total number of primary schools provided with science kits comes to 47,571.

- (ii) With 13,500 primary teachers trained during 1973-79 the total number of teachers trained so far is 61,697. Besides, 22,053 of other personnel like inspectors, methods masters, head-masters etc. have been trained.
- (iii) 149 teacher training schools have been selected during the year for strengthening with the supply of science equipment and books, bringing the total number to 822.
- (iv) 1,800 metric tonnes of paper have been supplied during the year for printing of textbooks, teachers guides, etc.
- (v) Under pilot programme on Nutrition, Health Education and Environmental Sanitation, five regional centres at Baroda, Calcutta, Coimbatore, Jabalpur and Ludhiana have developed curricular materials in English and regional languages for introduction as an integral part of science education programme, besides undertaking programmes for training of teachers in the concerned regions.
- (vi) Through a series of workshops a hand-book for primary science teachers has been developed in regard to environmental science and improvisation of local resources.

Quality Improvement Programme

Three significant programmes, namely, 'Primary Education Curriculum Renewal', 'Developmental Activities in Community Education and Participation' and 'Children's Media Laboratory' have also been in operation, on a pilot basis, with assistance from UNICEF.

The first programme has been in operation in 15 States with the participation of 10 primary schools linked to each of 3 teacher training schools in each State. The institutions have been selected in backward areas covering the needs of weaker sections of society. The programme has developed innovative curricula adjusted to the life-style and socio-economic opportunities of

children, and related instructional materials, techniques, etc. for such children as are likely to remain in schools only for a few years or as are not reached at all, besides undertaking training programmes for primary teachers and other personnel.

Under the second programme, two communities in each of the 15 States have been selected and programmes and activities for various target groups, particularly for drop-outs, out-of-school children and adults have been developed so that the educational activities, mainly of non-formal nature, could meet the needs of those who are partly or totally deprived of any education.

The third programme, namely, Children's Media Laboratory, has been functioning in the Centre for Educational Technology (NCERT). Under this programme studies of available toys and play materials in 4 States have been undertaken and manual for teachers prepared for 2 States. Further, a National Workshop on low cost and simple play materials and games for children was held in October 1978. Besides, work on monitoring radio programmes for young children has been done in Delhi and strips of 10 illustrated graphic books have been developed while 2 books have been printed. This programme aims at developing inexpensive and effective media of educational and entertainment value for 4—8 age-group children.

Vocationalisation of Higher Secondary Education

Launched as a centrally sponsored scheme from February 1977, it has been proposed for inclusion in the Plan (1978-83). The Centre's role in the scheme is mainly to ensure country-wide acceptance of this new concept and to assist State Governments in establishing the relevance of the vocationalisation to our socio-economic needs. By the end of December 1978, financial assistance was released for conducting vocational surveys in 80 selected districts of Assam, Gujarat, Jammu and Kashmir, Haryana, Karnataka, Nagaland, Madhya Pradesh, Maharashtra, Manipur, Orissa, Rajasthan, Sikkim, Tamil Nadu and Tripura. Vocational courses were introduced in three districts of Karnataka from the academic session 1977-78. The introduction of vocational courses has also been approved for five districts of Maharashtra and six more districts of Karnataka from the academic session 1978-79. To strengthen the efforts of the Government of West Bengal in this direction, financial assistance for purchase of equipment has also been released.

The reports of the National Review Committee on Higher Secondary Education with special reference to vocationalisation and the Working Group on Vocationalisation were considered at the Conference of Education Ministers held in New Delhi in July 1978 and at the Special Session of the Conference of Boards of Secondary Education in India held in September, 1978 in New Delhi. The recommendations of the National Review Committee and the Working Group have been approved by them for implementation.

Structure of School Education

The Education Ministers' Conference convened in July 1978 considered the structure of formal education in the country. It took note of the fact that 26 States and Union Territories have already introduced the 10+2+3 structure, as recommended by the Education Commission 1964-66 and the National Policy of Education, 1968.

The Conference further considered the obligation of the States in regard to elementary education and was of the view that this structure did not in any way run counter to the Directive Principle of the State Policy so long as the obligation to provide education free up to the age of 14 (standard VIII) is recognised and accepted.

The Conference agreed that the school education should comprise elementary, secondary and higher secondary stages of 12 years duration.

Educational Technology Programme

I. Centre for Educational Technology

The Centre has undertaken the following programmes during the year :

Educational Radio

(i) A feasibility project on teaching Hindi as a first language to children in class I to III with the help of radio and supportive materials has been designed. As a part of Phase I of the project, a 10 day workshop was held in Mount Abu and a week-long workshop in Delhi for preparing outlines of radio programmes and supportive materials. Actual broadcasts would commence in July 1979 for Class I and for classes II and III in the subsequent years.

(ii) On the request of Unesco, the Centre organised a 3 week joint Indo-Maldives training programme for educational radio production to familiarise the Indian as well as Maldivian participants with the techniques of style and presentation of educational broadcasting and to give them operational skills of equipments.

(iii) A training course at Bangalore was organised for script-writers for primary school radio broadcasts. The scripts written in different formats were produced, tried out and revised in the light of reactions of the primary school children.

Educational Television

(i) The Centre organised two selection-cum-orientation workshops one at Lucknow and the other at Srinagar for training of ETV scripts writers as a part of its programmes to develop a pool of trained ETV script writers in different parts of the country where educational TV programmes are telecast or proposed to be telecast in the near future.

(ii) At the request of the Municipal Corporation of Delhi the Centre organised a training programme to train 160 TV user teachers of primary schools of the Corporation.

Distance Learning/Correspondence Education

A series of 5 two-day regional seminars on correspondence education were organised in November-December 1978 at Bhopal, Delhi, Ajmer, Mysore and Bombay. The aims of these seminars were to provide a forum to discuss various aspects of open and distant learning systems and ways and means to improve and strengthen them. Some of the experts from abroad who had come to India to attend the International Conference on Correspondence Education in November 1978 provided consultancy in these seminars.

Educational Toys/Games

A number of folk and traditional toys played by Indian children were sent by the Centre to Unesco for exhibition at the time of 20th General Conference in Paris. A slide-cum-tape programme, a video-tape, a short film and a brochure were prepared to go with the toys.

The Centre organised in Delhi a national workshop on low-cost/simple play materials and games for children. Low cost/

simple play materials were displayed, and their preparation and uses as aids for teaching children were demonstrated and discussed.

Multi-Media Package

The Centre organised at Jorhat in Assam a 4-day workshop for demonstration of the multi-media package developed by the Centre for in-service training of primary teachers in science. Teacher trainers and other officials concerned with training of primary teachers from West Bengal, Mizoram, Nagaland, Assam, Arunachal and Manipur participated. Similar demonstration camps in Port Blair for teachers of Andaman and Nicobar Islands were organised.

Production

The Centre has produced a number of films entitled .

- Teaching of Nutrition
- Vigyan Ki Padai
- Educational Toys
- Soviet Puppet Show
- Innovations in Education

II. Educational Technology Cells in the States

With the setting up of ET Cells in Haryana, Sikkim and West Bengal, the total number of such cells in the country is now 19. Cells in the remaining States are likely to be set up shortly. These Cells are expected to foster and promote the development of the programme at the State level. The entire expenditure on the setting up and maintenance of the State Educational Technology Cells is being met by the Government of India. Some of the activities undertaken by the State Educational Technology Cells are noted below :

(i) *Andhra Pradesh* : Training programmes for user teachers and script writers for radio broadcast programmes and educational television programmes were conducted in collaboration with All India Radio and Doordarshan, Hyderabad.

Two evaluation studies on SITE programmes and use of radio school broadcast programmes by secondary and primary schools were completed. A State level seminar on educational technology

was organised. Booklets on utilisation of TV and Radio Broadcasts programmes for teachers were published.

(ii) *Gujarat* : Auto-instructional materials for the subject English for students of Standard VI and VII are being prepared. Intensive inservice education programmes were taken up and 10,000 elementary teachers were trained in the teaching of English. A radio lesson for these teachers is also broadcast. 30-prototypes of teaching kits and some booklets on specific topics have been prepared for non-formal education programmes. A few films were screened in villages where non-formal education centres are working for arousing awareness about non-formal education and adult education. A tape-recorded library is being organised for the collection of nursery rhymes. Workshops for script writers of radio and television educational programmes were held.

(iii) *Karnataka* : Educational Technology Cell co-ordinated with the All India Radio, Bangalore in the preparation of material for school broadcasts for both Primary and High Schools. The first batch of 50 primary school teachers out of 300 have been trained so far. 19 persons having knowledge of writing literature for children have been trained for writing scripts for school broadcasts.

(iv) *Manipur* : The Educational Technology Cell organised a two-day course on Educational Technology for Assistant Inspectors of Schools for making them conversant with the role to be played by Educational Technology towards achieving universalisation of elementary education and the need to involve the community in educational programmes.

Educational broadcasts in a miniature form has been started as part of the general children's programme. The programme is on Social Studies for children of the age-group 6—13 and is broadcast every Sunday.

(v) *Orissa* : Educational Television programmes are continued to be telecast under the Community Viewing Scheme. Schools in 650 villages covered within 50 Km. radius of the transmission are benefited by these programmes. The State is also taking steps for supply of radio sets to schools, making radio listening compulsory, preparing a panel of teachers for script writing, maintaining log books, supplying teachers notes, and orienting script writers of radio programmes. Teachers Notes are being published in the Mother tongue also. A State level seminar on educational technology was organised to bring out awareness

of the concept of educational technology and enlisting support of all concerned for implementing the programmes.

Since 25 per cent of the total population of the State are tribals, the teaching of regional language 'Oriya' poses a **great** problem for teachers. The Educational Technology Cell **proposes** to prepare some **graphic materials**, like flash cards and charts for the use of teachers working in the tribal areas to make the language teaching for tribal children meaningful and interesting.

(vi) *Rajasthan*—School broadcast programmes are being broadcast regularly for students of VI to XI classes for teaching English, Hindi and General Science, for teachers and for non-formal education. Educational television programmes are being utilised by schools having TV sets. There are about 500 sets in six districts of Rajasthan. The Cell has published a directory of educational teaching aids.

(vii) *Tamil Nadu*—Educational Technology Cell launched upon a massive programme of providing Radio sets in all the schools in the State with the help of the local community. The drive has yielded good results as 31,383 schools are equipped with radio sets. The Cell is rendering all assistance to All India Radio in the actual preparation and production of school broadcast programmes. 'Teachers' hand books and programme charts were distributed to all the schools in the State. A study on the utilisation of school broadcasts was undertaken. A large scale teacher training programme using correspondence-cum-radio-cum-contact approach and its evaluation was undertaken in collaboration with SCERT and All India Radio, Madras. The training was imparted to 600 teachers in 3 batches. In order to provide trained script writers to Doordarshan Kendra for writing script for ETV, a course was organised at Technical Teachers' Training Institute, Adyar, Madras. 64 teachers have been trained so far. 200 user teachers for educational television programmes were also trained.

(viii) *Uttar Pradesh*—Arrangements for provision of radio/transistors to schools and utilisation of radio broadcast programmes by 4,000 schools in the State are in progress. Several films produced by the Education Expansion Department, Allahabad are being telecast by Doordarshan, Lucknow for non-formal education of adults. In-service teacher training programme is also being organised and about 1,000 teachers have benefited.

III. Working Group on Educational Technology

The Ministry of Education and Social Welfare set up a Working Group on Educational Technology with a view to identifying areas of priorities, working out detailed schemes and indicating financial implications. The representatives of the Ministry of Information and Broadcasting, Doordarshan, All India Radio, Department of Social Welfare, State Governments and some members of the Press were included in the Working Group. The Working Group has recommended the continuation of Central financial support for the Educational Technology Programme for all States and Union Territories at least for another five years. It also recommended the setting up of an Institute of Educational Technology in each State which could absorb the Educational Technology Cells wherever they existed. These Educational Technology Cells will function as a separate wing of the SIE or SCERT in the States. The report of the Working Group has been published and is ready for distribution to the States. The States would be asked to prepare a blue print for an Educational Technology Wing in the SIE or SCERT. They would be left free to formulate programmes according to their needs.

NATIONAL COUNCIL OF EDUCATIONAL RESEARCH & TRAINING

The National Council of Educational Research and Training continued to undertake research, development, extension/training activities for the qualitative improvement of school education in the country, in line with the change in educational policy. The highlights of the programmes and activities for the year are given below :

I. Curriculum Development Work

(i) *Preparation of textbooks under 10+2 Pattern of Education* : As per recommendations of the Ishwarbhai Patel Committee's Report, work in scrutinising curricula and textbooks mainly with a view to reducing the load and burden was taken up.

The revision of 19 titles for classes I, II, III and X was undertaken, besides the development of new textbooks in various subjects.

In the area of curriculum development the activities included preparation of model draft curriculum samples in socially useful productive work on food, shelter, clothing, health, hygiene and social and community services through workshops of key persons, printing of 10 story picture books for primary children, and a school-readiness kit for direct new entrants to primary schools and holding of 3 workshops for developing instructional and evaluation material, one in history, geography and civics for class VIII, the second in Hindi for classes XI, XII and the third for developing unit tests in Biology at +2 stage.

(c) *Vocationalization of Education at the +2 Stage* : NCERT conducted orientation programmes and guided district vocational services in Karnataka, Tamil Nadu and Haryana. It also conducted a study of educational opportunities in Andhra Pradesh and a critical study of the progress of vocational courses in Karnataka.

II. Training Programmes

85 summer institutes were held—34 for science and mathematics and 55 in language and humanities. Besides, an orientation course in micro-teaching for the personnel of the SIE's, training programmes for authors and evaluators of textbooks and development of instructional materials in environmental studies, an orientation programme for District Education Officers, workshops in development of programme—learning lessons, working out content outlines for rural primary schools and demonstration of the CET multi-media package for in-service primary teachers, were held during the year. Further, a number of training programmes in the field of education technology were conducted by the Centre for Educational Technology of the NCERT.

III. Extension Programmes

In the context of the recommendations of the Working Group on Universalisation of Elementary Education that there should be no detention up to class VIII, but with periodic evaluation and assessment to maintain standards, a conference of evaluation officers of the State Evaluation Units was held in May, 1978. Besides, in evaluation, an all-India training course and a seminar were held at Simla in June, 1978. Further, a seminar on management of public examinations was held at Delhi in October, 1978.

While the work on the annual seminar on Readiness Programme for Elementary and Secondary Teacher Educators, which is organised every year, was in progress, workshops for secondary teachers in four States, namely, Rajasthan, Andhra Pradesh, West Bengal and Madhya Pradesh, were organised under Intensive Teacher Education Programme (ITEP).

Textbooks Evaluation : Two NCERT textbooks in languages and social sciences were evaluated in a workshop held in August, 1978, while 3 language textbooks were taken up for try out in 12 schools in various States. Besides, 40 textbooks in minority languages of Madhya Pradesh for classes I to V were evaluated.

IV. Regional Colleges of Education

The four Regional Colleges of Education continued to organise pre-service and in-service training programmes.

(i) *Pre-Service Training* : Besides continuing to offer one-year B.Ed. course, and a new specialised course introduced in 1977-78 at B.Ed. level in elementary education to prepare persons competent to supervise and train teachers in elementary education, M.Ed. courses were continued as below :

Ajmer	—	Science Education
Bhopal	—	Elementary Education
Bhubaneswar	—	Curricula Construction, Educational Administration and Educational Measurement.

The Mysore College offers a two-year post-graduate course of M.Sc. M.Ed. in physics, chemistry and mathematics.

(ii) *In Service Training* : In regard to in-service training the Regional Colleges continued the programme of summer schools-cum-correspondence course with an enrolment of 1000 teachers, correspondence-cum-contact programme for secondary teachers with an enrolment of 10,000 teachers and the correspondence-cum-contact programme for elementary teacher-educators with an enrolment of 600 teacher-educators. A number of short in-service training programmes were also conducted.

V. Survey and Research Activities

(i) *Survey* : As indicated earlier, the Fourth All India Educational Survey in the field of school education in all States and Union Territories was mounted during the year. The various schedule and necessary analysis at the block, district and state levels were prepared, printed and supplied in adequate numbers to the states for preparing the survey tables. Two training programmes were organized at the national level to orient the State-level officers who were incharge of the survey, the NCERT also helped in the organisation of training programmes for the field-level officers in the States involved in the survey work.

(ii) *Research* : Approved by the Educational Research and Innovation Committee (ERIC), 44 research projects in school education have been in progress in the various departments of the NCERT and its Regional Colleges. A sum of Rs. 5,41,340 has been sanctioned for these projects. 36 research projects undertaken by individuals or institutions were approved with a total expenditure of Rs. 2,36,100.

VI. Special Programmes/Projects

(i) *Universalization of Elementary education* : Universalization of elementary education through formal and non-formal approaches has been receiving prior attention in the Council in line with the declared policy of the Government. Programmes of non-formal education have been taken up in 5 centres in tribal, hilly, rural and scheduled caste areas and in the urban slums located in Uttar Pradesh, Gujarat, Bihar and Delhi, as alternative programmes to formal education. Further, learning packages for non-formal education for school drop-outs have been developed for the various target groups and sent for printing. These will be tried out in non-formal education centres in all the Hindi-speaking States, to be set up according to the State plans of universalisation.

(ii) *Population Education* : The Unit in Population Education has taken a base-line survey to prepare the ground for the development of a national project on population education to be funded by UNFPA. Work on the following items has been completed. (i) co-operative development of learning units in population education; (ii) a national source book on Population Education; and (iii) a country case study on Co-ordination between Population and Educational Policies.

(iii) *National Integration Project* : Two National Integration camps, one for teachers and the other for students, were organised.

(iv) *National Talent Search* : During 1978 the NCERT has held the National Talent Search Tests at three different stages, i.e. class X, class XI and class XII. The number of candidates who appeared in these tests and the number of awards made are as follows :

	No. of Candidates	No. of Awards
Class X	37,640	250
Class XI	8,760	100
Class XII	17,831	150

(v) *National Science Exhibition* : The VIII National Science Exhibition for children was held at Teen Murti Bhavan, New Delhi in November, 1978. Over 400 science exhibits mostly fabricated by school children of 26 States/Union Territories were on display.

VII. Collaboration with the States

The 18 Field Units of NCERT in various States/Union Territories continued their work relating to dissemination of information, collection of useful feed back and maintaining liaison with the State Governments/Union Territory Administrations in implementing the Council's major projects and activities. Besides, the various departments of the Council pursued a number of activities in collaboration with the States. Mention may be made of developing suitable primers and teachers' guides for adult education programme in collaboration with Madhya Pradesh, a training programme covering 160 T.V. user primary schools of the Municipal Corporation of Delhi, development of diagnostic tests in modern mathematics for primary teachers in a 15-day workshop organised by the CET and orienting key persons in geography at the secondary stage in collaboration with Kerala.

VIII. International Contacts

The Council continued to keep contact with educational agencies and organisations in other countries and to follow programmes

with international agencies, besides providing training programmes to foreign nationals. Mention may be made of a workshop in November-December, 1978, sponsored by Unesco and participated by Afghanistan, Pakistan, Bangladesh, Nepal and Indonesia, on laboratory maintenance and procedures in secondary schools with special reference to biology, two-month training programmes for primary teachers of Afghanistan and the contribution of a collection of toys alongwith a slide-cum-tape programme, a video tape, a short film and a brochure, for exhibition at the 20th General Conference of Unesco in Paris.

A number of NCERT officers were deputed abroad under Cultural Exchange Programmes and also in connection with various workshops, seminars and conferences held under international auspices in various areas of school education.

IX. Development of Audio-Visual and Ancillary Materials

The following constitute the main features of the programme of developing audio-visual materials during the year :—

- (i) Proto-type of low-cost teaching aids like charts, posters, flash-cards, games, etc. for rural primary teachers ;
- (ii) Audio-visual material for non-formal education of rural adults and for population education ; and
- (iii) Five new prints, six English versions of films produced earlier, a video tape on toys' making and a few tape-cum-slide programmes.

Further, a production-oriented workshop to produce aids in natural and social sciences for classes IX and X and a national workshop on low-cost simple play materials and games were organised.

X. Publication and Documentation

The Council continued to publish during the year, its five journals, namely, Indian Educational Review (English), the Journal of Indian Education (English), School Science (English), Primary Teacher/Primary Shikshak (English and Hindi), and NCERT Newsletter (English).

The Council also published 163 textbooks through its Publication Department, 44 textbooks through private publishers, 14

research monographs, 2 supplementary readers and 7 miscellaneous reports.

The Documentation Cell continued to prepare educational abstracts and bibliographies and brought out 5 titles.

CENTRAL BOARD OF SECONDARY EDUCATION

The Central Board of Secondary Education is an autonomous organisation under this Ministry. It conducts Secondary and Higher Secondary examinations for the schools affiliated to it. The 12 year higher secondary pattern of education was implemented by it from 1st May, 1975, beginning with Class X. Consequently, the first examination at the secondary stage was conducted in March, 1977 and the first batch of class XI entered in plus two stage in the academic year 1977-78 and will be completing class XII in 1978-79.

The Board, taking into consideration the recommendations of the Review Committees on Curricula for the 10 year school and higher secondary pattern decided as follows :—

A. Reduction in Curriculum Load

(i) Substantial reduction made in the language textbooks and in the syllabi of Sciences, Mathematics and Social Sciences were made for Secondary School Examination, 1978.

(ii) At plus two stage also the syllabi were pruned wherever necessary and circulated with respect to the then Class XI of the plus two stage appearing at the Senior School Certificate Examination, 1979.

(iii) The textbooks were also revised and fresh editions brought out after deleting the relevant portions in consonance with the recommendations of the Review Committee.

(iv) Two subjects, Economics and Commerce, were dropped from the courses of Social Sciences for class IX of the academic session 1977-78, scheduled to appear at the Secondary School Examinations, 1979.

B. Dropping of the Semester System and Reorganisation of the Syllabi

According to the pattern suggested in the NCERT document 'Higher Secondary Education and its Vocationalisation', the semes-

ter system was adopted at the plus two stage. The semester system was not however found to be practicable on account of varied geographical factors obtaining in different parts of the country where the Central Board of Secondary Education schools are located, as also due to admission schedules of different universities wherein the Central Board of Secondary Education candidates have to seek admissions. While the examinations at the end of Class XI will be internal in character and will be held by the schools on the question papers supplied by the Board, the one at the end of Class XII will be fully external and will be conducted by the Board. The question papers at the end of class XII will be set on the portions of the syllabus meant for class XII.

C. Devising New Courses in the light of Recommendations made by Review Committees

Two Working Groups were set up by the Board to examine the recommendations made by the Review Committees. The new scheme of studies recommended by the Working Groups were approved by the Board in its meeting held on 15th May, 1978 which *inter-alia* decided that the new courses (scheme of studies) be made effective from the academic session of 1979-80 beginning with class IX at the Secondary stage and class XI at the Higher Secondary stage.

D Preparations Made

(i) *Syllabi and Courses* : The syllabi and courses in Academic areas both at the Secondary and Senior Secondary Stages have been drafted by the Committees of Courses of the Board. The Central Board of Secondary Education generally follows the courses and text-books prepared by the NCERT in the subjects of Sciences, Mathematics and Social Sciences.

In Vocational Courses, the syllabi are proposed to be planned in such a manner that the students may be able to offer combinations of academic and vocational courses.

(ii) *Textbooks* : The Board has done away with the system of prescribing sole textbooks for different electives with the object of allowing more intensive study and access to more than one book. This has been necessitated by several other practical considerations. The books for class XI have been invited from publishers in subjects of Physics, Chemistry, Biology, Mathematics, History, Geography, Political Science, Economics, Home Science, Commerce and Accountancy. NCERT books will however be included in the list of books recommended.

In the languages, the Board will be following its own books, NCERT books and the books published by different universities and State Boards according to the requirements of the languages.

(iii) *Sample Question Papers* : The Senior School Certificate Examination, 1979 being the first examination under the new scheme of study, the Board also brought out a set of Sample Question Papers in important subjects with a view to giving students and teachers an idea of the level of achievement expected at this stage.

(iv) *Orientation of Teachers* : With the introduction of new syllabi, it became necessary that teachers should be given refresher course in the subject content and methodology of teaching in new topics. About 5,000 teachers in different subjects were therefore oriented through Summer Institutes, organised in collaboration with NCERT, Kendriya Vidyalaya Sangathan and the Directorate of Education, Delhi Administration. This year, the teachers were oriented in the contents of class XII syllabus while in the first phase, organised in summer of 1977, the teachers were oriented in the contents of class XI. Thus the training programme of the teachers as far as new courses are concerned, has been completed.

Seminars, Workshops etc.

The Board has been organising/participating in seminars, workshops and training projects etc. with a view to familiarising the teachers with the latest teaching techniques and tools. Workshops on 'open' schools, Socially Useful Productive Work, Project Technology and in Mathematics, training projects in school managements, improved mathematics and science teaching, paper setting etc. are mentionable activities in this field. Some of the training projects are undertaken in collaboration with the British Council. Selected teachers are deputed to specialised institutions in the United Kingdom for training and orientation.

KENDRIYA VIDYALAYA SANGATHAN

During the year, 23 new Kendriya Vidyalayas were opened, bringing the total of the Kendriya Vidyalayas in the country to 265. These include Vishesh Kendriya Vidyalaya at New Delhi run for the students from the northern border-areas and the Kendriya Vidyalaya at Kathmandu, meant for the children of the Government of India employees in Nepal, and also the Kendriya

Vidyalaya opened at Chukhs Project in Bhutan. The students enrolment in Kendriya Vidyalayas rose from 1,82,883 in 1977-78 to 2,02,876 in 1978-79 registering an increase of 10.9 per cent.

Examination Results

The All-India Secondary School Examination was held in March 1978 at the end of Class X under 10 plus 2 scheme ; 9896 students from 191 Kendriya Vidyalayas appeared in the examination. Of the first fifteen positions recorded by the Central Board of Secondary Education, 1st, 7th, 10th, 11th and 13th positions were secured by the students of the Kendriya Vidyalayas. The over-all pass percentage was 92 after taking into account the result of the compartmental examination.

Summer Institutes and In-service Training for Kendriya Vidyalaya Teachers

Fifty Summer Institutes were organised for P.G.T.'s in English, Hindi, History, Geography, Economics, Physics, Chemistry and Biology. In all about 1,150 teachers were trained in them. 23 Principal attended the in service training course organised in October, 1978.

Upgradation of Vidyalayas

Thirteen Kendriya Vidyalayas were upgraded during 1978 to the plus 2 stage and the total number of such Vidyalayas is now 146.

National Talent Search Scholarship

Of 100 National Science Talent Search Scholarships awarded by the NCERT, 24 were secured by the students of Kendriya Vidyalayas. Besides these, 3 other students won scholarships for higher studies in Mathematics and one of them topped the list.

CENTRAL TIBETAN SCHOOLS ADMINISTRATION

The Central Tibetan Schools Administration is an autonomous organisation set up with the object of managing and assisting institutions for the education of children of Tibetan refugees in India.

The Administration is at present running four residential schools and 17 day schools.

Assistance in the form of grant-in-aid is being provided by the Administration to ten institutions.

The total number of students studying in the schools run or aided by the Administration is 9400, out of which 1577 are boarders and 7823 day scholars. In residential schools, apart from board and lodging, daily necessities and medical facilities are also provided free to orphans who come to India as refugees. Mid-day meals, free textbooks and stationery are also provided to all students including those studying in day schools. All schools have suitable libraries, teaching aids and equipment. The Administration has 445 employees, which includes 350 teachers.

The Central Tibetan Schools impart education through common media, syllabi and textbooks. Schools having class IX and above are affiliated to the Central Board of Secondary Education.

Class XI under the plus two stage has been opened in the schools at Darjeeling, Dalhousie and Mussoorie. The result of Tibetan schools in the Secondary School Examination held by the Central Board of Secondary Education in 1978 was 62.5 per cent.

BAL BHAVAN, NEW DELHI

The highlights of the Bhawan's activities during the year are :

- (i) Celebration of four festivals, Varsha Ritu, Independence Day, Mahatma Gandhi's Birthday and Children's Day. Celebrations on the occasion of the Children's Day on 14th November, 1978 were held on four days, with more than ten thousand participating in them. The activities also included workshops for teachers and parents in painting, collage, modelling and photography.
- (ii) Conduct of orientation and refresher courses for teachers of Delhi Administration and personnel of Jawahar Bal Bhavans.
- (iii) Conduct of a workshop on Art Education inputs to primary curriculum in collaboration with NCERT.

Bal Bhavan activities have been under continuous implementation in 70 Delhi schools.

NATIONAL FOUNDATION FOR TEACHERS' WELFARE

The 23rd meeting of the General Committee of the Foundation was held on July 15, 1978 under the Chairmanship of the Union Education Minister. The Committee considered, inter-alia, proposals for the best possible utilisation of the 5 crore Corpus of the Foundation.

An amount of Rs. 4.45 crores has been collected so far for the targeted 5-crore Corpus of the Foundation. It is intended to serve as a reserve fund and teacher welfare schemes are proposed to be financed out of the income from the Corpus, once the target of Rs. 5 crores is reached. In order to help the Foundation to achieve the target soon, the Government of India have agreed to make a recurring grant of Rs. 1 lakh with effect from 1978-79 for four years.

In the light of views expressed at the 23rd meeting of the General Committee, a sub-committee has been set up under the Chairmanship of Smt. Renuka Devi Barkataki, Minister of State in the Ministry to consider ways and means for the best use of the Corpus.

Teachers' Day was observed on September 5, as in previous years. Voluntary contributions were raised and functions were arranged throughout the country to honour teachers.

The Foundation honours 3 teachers of not less than 30 years standing for long and meritorious service. Selections were made for 1977 award, during the year.

National Awards to Teachers

In 1976 the teachers of Arabic/Persian Madrasas run on traditional lines were also brought within the purview of the scheme. Each award carried with it a certificate of merit, a metal badge and a cash amount of one thousand rupees.

Till 1977, 1,797 teachers have received awards. Of these 973 are primary school teachers, 725 secondary school teachers, 94 Sanskrit teachers of Sanskrit Pathshalas and tols and 5 Teachers of Arabic/Persian Madrasas.

From 1977 onwards each State/Union Territory is entitled to at least one award. Earlier smaller States were combined and entitled to two awards and all the Union Territories (except Delhi) to one award. The total number of awards is now 116 of which 102 awards are for primary and secondary school teachers, 9 for teachers from Sanskrit Pathshalas and 5 for Arabic/Persian teachers of Madrasas.

GIRLS' AND WOMEN'S EDUCATION

Recognising the importance of girls' and women's education in socio-economic development, the Government of India have formulated a variety of measures from time to time to promote girls' and women's education. Provision of universal free and compulsory education for all children up to the age of 14 is a Constitutional responsibility according to Article 45 and the Directive Principles of the Constitution. Education in Classes I—V is free in Government schools and schools run by local bodies in all parts of the country.

Enrolment

At the end of 1976-77, 63.5 per cent of the girls in the age-group 6—11 and 24.5 per cent in the age-group 11—14 have attended primary and middle schools, as against 24.6 per cent in the age-group 6—11 and 4.5 per cent in the age-group 6—14 during 1950-51. At the secondary stage also, the enrolment of girls has shown marked progress. By the end of 1973-74, 27.5 per cent of girls' enrolment was recorded, as against 13.5 per cent in 1950-51. In 1976-77, 8.77 million girls were enrolled in high and higher secondary schools, as against 7.55 million in 1968-69. In 1975-76, the total number of girls in higher education was 595,000 as against 40,000 in 1950-51. Under the programme of universalisation of elementary education, it is proposed to enrol 213 lakhs of girls of the age-group 6—14 in classes I—VIII. This would mean considerable increase of girls enrolment in these classes from 51.2 per cent in 1977-78 to 81.5 per cent in 1982-83.

Drop-Outs

The drop-out rate is very high in Classes I—V. Roughly, it is estimated that for every 100 children that enter Class I, only about 40 complete Class V and about 25 complete Class VIII.

A recent study has shown that drop-out rate in the case of girls from rural areas and from the less privileged sections of the society is as heavy as 42.85 per cent between Classes I and II. The hard core of non-enrolled children are girls, particularly in the rural areas and children belonging to Scheduled Castes, Scheduled Tribes, landless agricultural labourers and urban slum dwellers.

Wastage and Stagnation

The difference between the rates of wastage and stagnation for boys (66.3 per cent) and girls (71.36 per cent) is highly significant. It is 42.85 per cent between grades I and II, 12.12 per cent between grades II and III, 8.5 per cent between grades III and IV and 8 per cent between IV and V. While the economic and educational reasons of wastage and stagnation applied to a large extent both to boys and girls, in the case of girls, social factors like early marriage, betrothal, family chores, social prejudices in rural areas and parental apathy to girls' education play a more significant part.

The National Adult Education Programme has given a high priority to the women's education.

Educational Concessions for Children of Officers and Men of the Armed Forces killed or disabled.

Following the Indo-Pakistan conflict in December, 1971, the Central Government proposed to the State Governments to give the following educational concessions to the children of defence personnel and para-military forces killed or permanently disabled during the hostilities for their studies up to the first degree level :

- a) Complete exemption from tuition and other fees levied by educational institutions concerned as well as charged levied for school bus maintained by the school and actual fares for railway pass for students or bus fare certified by head of institutions ;
- b) Grants to meet hostel charges in full for those studying in boarding schools and colleges ;
- c) Full cost of books and stationery ; and
- d) Full cost of uniform where this is compulsory.

Most of the State Governments/Union Territories agreed to the proposal and announced educational concessions more or less on the above lines for such children studying in educational institutions under their control. These concessions are being continued in the Central Government institutions and some private institutions not recognised by any State Government. This facility was extended to children of defence personnel and paramilitary forces killed or disabled during the 1962 and 1965 wars.

Hostel Subsidy to Central Government Employees

On the recommendations of Third Pay Commission relating to educational facilities and allowances, orders were issued that hostel subsidy would be payable to all permanent and quasi-permanent Central Government employees and such temporary employees as have put in not less than one year's service belonging to groups A, B, C and D (without any upper pay-limit), who on account of their transfer are obliged to keep their children in the hostel of a residential school away from the station at which they are posted and/or are residing. The hostel subsidy is admissible at a uniform rate of Rs. 60 per month per child.

Junior Division N.C.C. Troops in Public, Residential and Central Schools

The expenditure on the maintenance of Junior Division N.C.C. troops in Public, Residential and Central Schools is shared between the Ministry of Education and Ministry of Defence on 40 : 60 basis.

It has been agreed to allow admission in Junior Division N.C.C. for classes upto XII and Senior Division for undergraduate and classes above.

Scheme of assistance to Voluntary Organisations Working in the field of School Education

Under the Scheme of assistance to Voluntary Educational Organisations the Ministry had been giving grants to the Institutions/Organisations Working in the field of School education. The grants were given on non-recurring basis and no recurring grants were released. The Scheme was in abeyance since 1st April, 1972. It was revived in April, 1978. However, some modifications in the scheme are again under consideration.

CHAPTER II

HIGHER EDUCATION AND RESEARCH

Maintenance and determination of standards in higher education has been a special responsibility of the Central Government. While this responsibility for the whole country is discharged mainly through the University Grants Commission, a number of educational and research institutions in the field of higher education have come into being under Central auspices through the years of independence. They are : (i) Central Universities, (ii) National Staff College for Educational Planners and Administrators, New Delhi ; (iii) The Indian Institute of Advanced Study, Simla ; (iv) Shastri Indo-Canadian Institute, New Delhi and (v) The Indian Council of Social Science Research, New Delhi. Besides, the Ministry of Education follows a number of schemes in this field, particularly relating to academic collaboration between India and other countries. A brief account of the activities of these institutions and programmes is given in this chapter.

A. UNIVERSITY GRANTS COMMISSION

The Policy Frame for Higher Education and Approach to Development.

During the year 1978-79, the University Grants Commission finalised two important documents : *The Policy Frame for the Development of Higher Education in India* over the next 10—15 years; and a paper on *Approach to Development* for the Plan period 1978—83.

The *Policy Frame* visualises a framework within which the present value system and the basic structure and processes of the present educational system could be radically changed, making it more flexible and dynamic, and move in the direction of reducing disparities, and augmenting opportunities for life-long learning to all those who would take advantage of them. The *Policy Frame* also envisages that in addition to the traditional value of teaching and research, universities in the country would be helped

to make extension, including adult education and community extension work, an integrated part of their programmes.

The Approach Paper for the Development of Higher Education in the next plan period outlines the basic philosophy and strategies for development of universities and colleges. It envisages a differentiated approach towards developed and developing universities and laying more emphasis on quality programmes designed to raise standards of teaching and research. The expansion of educational facilities through the opening of new universities or new centres of postgraduate studies and new departments, or establishment of new arts, science, commerce and law colleges would receive very low priority.

For purposes of development, the universities would be grouped on appropriate criteria into three categories *viz.* well-developed universities; developing universities; and universities which have the potential to reach the well developed stage in the next five years with some critical inputs and academic guidance. The main thrust for the well developed departments would be to provide assistance for quality improvement programmes and research on the basis of well-designed and time-bound programmes with specific academic accountability; the general plan assistance being marginal in such cases. Developed universities with strong departments would be helped to establish relationship through which they could help the academic growth of the less developed universities and similar departments in the subjects. The strategy to be adopted by the University Grants Commission during the next plan period for the development of colleges and improvement of standards of higher education in the college sector involves basic grants to colleges, development grants to undergraduate colleges, development of postgraduate colleges, quality improvement programmes, lead colleges, special assistance to colleges in educationally backward districts and autonomous colleges.

With a view to consulting the Vice-Chancellors on policies and programmes for the development of higher education to be taken in the next plan period, as a follow-up of the Policy Frame, the 'Approach Paper' adopted by the Commission and also the recommendations of the Planning Group and Working Groups, the University Grants Commission organised two Regional Conferences of Vice-Chancellors in May and July, 1978. The conferences expressed their general agreement with the philosophies, programmes and strategies outlined in the Approach Paper, containing inter-alia, the Guidelines for development, and also endors-

ed the proposed pattern of the utilisation of the likely total allocation of Rs. 210 crores which was initially proposed to be made available to the UGC in the sixth plan period 1978—83. The Conferences generally accepted that in order to discharge its responsibility to the education system and to the society as a whole, the university must assume extension as an important function and give it the same status as teaching and research. The conferences also recommended that there should be a moratorium on the establishment of new colleges and universities in the next five years, the needs of expansion being provided by strengthening existing colleges, especially the non-viable colleges and by means of non-formal education. Students from backward areas where no worthwhile colleges exist could go to colleges in neighbouring areas and be given special bursaries and hostel accommodation and thus enabled to receive better quality education.

The Approach Paper containing the guidelines to the universities and colleges for preparation of proposals for the sixth plan were formulated keeping in view the expected allocation of Rs. 210 crores during the plan period. With the increased allocation to the States Sector for the development of higher education, the Planning Commission recently indicated that the outlay for the period 1978—83 for the UGC is likely to be Rs. 126 crores only and suggested that the UGC should use its scheme with selective discretion. The Commission has recently appointed a committee with the terms of references (i) to undertake a comprehensive review of the on-going programmes of the Commission and (ii) to ascertain if there are any peripheral schemes that could be discontinued. With a view to assessing the impact of the grants on the determination and maintenance of standards of teaching, research and examinations, the committee proposes to undertake in depth study of two selected universities and between 2 to 6 selected colleges in each of the four zones.

The Commission, with the help of a Committee, reviewed the priorities for the development of higher education in the light of the allocation that is likely to be available for the next four years 1979—83 and resolved in January 1979 as under :

- (i) The ratio of 3 : 2 as envisaged in the Approach Paper, for providing assistance for general developments on the one hand and quality programmes and support for research on the other, may have to be reduced to 2 : 1 as at present in the fifth plan. The

ratio of general development assistance between the universities and colleges would also have to be 2 : 1 as against 3 : 2 proposed in the Approach Paper.

- (ii) All eligible colleges may be provided assistance for faculty improvement programmes to enable at least 10 per cent of the teachers for improving their qualifications and to develop about 750 colleges to be identified keeping in mind the special needs of backward areas, sections and communities, to enable them to maintain adequate standards of teaching, and to assist as many colleges as possible, to participate in the quality improvement programmes on a selective basis.
- (iii) Normally, no fresh building proposals from the universities and colleges would be sanctioned and where the construction has not already started, they may be reviewed.

Trends and Orientation of growth of Higher Education

The Fifth Five Year Plan (1974—78) witnessed certain stability in enrolment in higher education system. As a result of the policy of the Commission that only institutions breaking new ground, providing innovative courses or providing good quality education for backward/weaker sections/areas would be cleared as being fit to receive assistance from Central sources in terms of rules prescribed under Section 12A of the UGC Act, unplanned growth of universities and colleges declined. There were 105 universities and 10 institutions deemed to be universities under Section 3 of the UGC Act during 1977-78; the corresponding numbers in January, 1979 were 108 and 10, respectively. In the case of colleges, restraints have been shown by the State Governments/Universities in giving permission for starting new colleges. The growth rate on an average was 200 colleges per annum during the period 1969—73. As per information available with the Commission, the number of new colleges established in the year dropped to about 150 in 1973-74, 80 in 1974-75, 120 in 1975-76, 61 in 1976-77 and 41 in 1977-78. There were 4610 colleges in 1977-78. Regulation of expansion in the number of colleges it is expected, would help the existing institutions to have larger enrolments which would also be conducive to raising the standards of collegiate education.

As regards enrolment, the growth rate in universities and colleges, excluding PUC/Intermediate/pre-professional/pre-medical was about 14 per cent in 1969-70. This fell down to 5.9 per cent in 1974-75, to 2.5 per cent in 1975-76, to 0.2 per cent in 1976-77 and rose to 5.5 per cent in 1977-78. Efforts are being made to see that the growth rate is not allowed to become unmanageable once again. There were about 25.65 lakhs students in the universities and colleges in 1977-78. The affiliated colleges account for 84.2 per cent of the total enrolment. The percentage of students in affiliated colleges was as high as 88.8 per cent at undergraduate stage, 53.9 per cent at postgraduate stage and 14.4 per cent at the research level. The overall decline in growth of enrolment could be attributed to socio-economic development as also to the additional facilities made available for non-formal education through private study and correspondence courses. Enrolment at postgraduate level/stage as a proportion of total enrolment at the university and college level increased from 9.0 per cent in 1976-77 to 9.1 per cent in 1977-78.

Equalization of Educational Opportunities

While enrolments, in general, are being regulated in the interest of maintenance of standards and proper utilisation of the scarce resources, specific measures like the provision of remedial courses and reservation of seats have been adopted to ensure that students belonging to the weaker and under-privileged sections of the society are not denied access to higher education. The Fifth Plan proposals of the universities and colleges took into account the need for special facilities to be provided for backward areas and special efforts to be made towards removal of regional imbalances. The Commission also liberalised the minimum eligibility conditions in respect of enrolment and faculty strength as also the pattern of assistance for colleges located in tribal/backward areas. For the construction of academic buildings by colleges located in such areas, the Commission's contribution is 2/3rd of the approved cost as against 50 per cent allowed to other institutions. For student hostels, the Commission's assistance is 75 per cent of approved cost for colleges in backward areas as against 50 per cent for others. All institutions assisted by the Commission towards the construction of hostels for students are now required to reserve 20 per cent of the seats in such hostels for students belonging to Scheduled Castes and Scheduled Tribes.

The State Governments have been advised to set up Inter-University Coordination Boards so as to make the use of all

available resources and expertise for the coordinated development of the academic programmes of the various universities in each State. The universities have also been asked to set up a planning Board which would engage itself in a continuous review of the implementation of the various academic programmes in the universities, prepare long-term plan and suggest measures to involve the universities more closely with the problems and needs of the community. The Commission has agreed to provide assistance for the appointment of teaching and technical staff for a period of full five years—upto the end of 31st March, 1981. The universities have been requested to make appointments to academic staff through open advertisements on an all India basis in respect of posts sanctioned by the Commission.

Some of the important steps taken by the Commission towards the development of higher education include special assistance to the Centres of Advanced Study, Departments of Special Assistance, Development of Colleges, Restructuring of Courses, Examination Reforms, Faculty Improvement Programmes including organisation of Seminars, Workshops and Refresher Courses for teachers, travel grants to teachers, Special Assistance to Teacher Education and Research, programmes of areas study and research fellowships and improvement of undergraduate education. Steps have also been taken towards giving autonomy to selected colleges so that they can experiment with new educational processes and bring about necessary changes in the courses of study and techniques of teaching and evaluation.

Development of Colleges

The Commission continued to provide assistance to the arts, science and commerce colleges within a ceiling of Rs. 3 to 10 lakhs for the improvement of undergraduate education. Assistance to postgraduate colleges for strengthening postgraduate studies is being made at the rate of Rs. 1 to 2 lakhs per department. Proposals have also been invited from teachers training colleges, institutes of home science, schools of social work etc., at the rate of Rs. 1.5 lakhs per college as Commission's share.

The Rs. 3 to 10 lakh scheme for general development to be implemented by the colleges includes provision for construction of buildings, purchase of books and equipment, workshops, animal house, faculty improvement, including practical training and experience as also orienting courses towards community needs. Both city colleges and colleges in rural areas are being assisted

to restructure their courses, provide remedial courses under this programme so as to make them relevant to the needs of students from rural/backward areas and students belonging to the weaker sections of the society. By 1978-79 proposals of about 1200 colleges under the scheme would be accepted. In the general development scheme, an arts, science and commerce college with an enrolment of 1000 students and above is entitled to a grant of Rs. eight to ten lakhs.

To improve the facilities in the colleges in the matter of providing books and equipment for science laboratories to support the undergraduate programmes, the Commission made available to every eligible college with an enrolment of 150 students and above basic grants between Rs. 10,000 to 40,000 for books and between Rs. 10,000 to 40,000 for scientific equipment. About 2300 colleges have been assisted under the Scheme.

It has further been agreed that one or two colleges in each district be identified as 'lead colleges' to work as quality institutions. The colleges which have a viable enrolment, a satisfactory student-teacher ratio and good facilities will be chosen with the help of universities so that such institutions could be developed to take up quality programmes on the principles of diversification, modernisation, etc. Such 'lead colleges' will also help in providing good education to society under-privileged sections. Additional assistance upto Rs. three to five lakhs may be provided to such colleges in addition to the assistance available to them under Rs. 5 lakh Scheme. The Commission has selected about 100 college under this Scheme.

The Commission has started the process of selecting colleges located in backward/rural areas and serving the needs of the weaker sections of the society in the States, in further relaxation of the eligibility conditions. These colleges are being selected in consultation with the State Governments and the Universities.

Restructuring of Courses

The Commission has appointed a Standing Committee to advise it on the general policy regarding the restructuring of courses at the undergraduate stage by following the introduction of 12 years of secondary schooling. The Commission has also set up Joint Consultative Committees with Indian Medical Council, Indian Council of Agricultural Research, Bar Council and National Council of Educational Research and Training for studying the implications of the new pattern of professional courses. The

recommendations made by these Committees have been accepted and circulated to the universities and the concerned organisations for necessary action.

The Commission has communicated a set of guidelines to universities for restructuring of courses of studies at the first degree level with general principles of relevance and flexibility so that they would be related to local needs and environment. With the help of Review Committees, Subject Panels and Regional Workshops, it has initiated a process that would lead to the updating and modernisation of syllabi and courses and the development of teaching/learning process related to the individual and social needs of students. About 180 colleges, mostly in rural areas, have been selected for the purpose.

Teacher Fellowships (Faculty Improvement Programme)

The Commission has accorded priority to the faculty improvement programmes and faculty awards. The Commission has already instituted about 4500 teacher fellowships at any given time, for award for a period of one to three years towards M. Phil Ph.D. degrees for college teachers in identified departments. Besides 1000 teacher fellowships have also been awarded by the Commission on an All-India basis. During 1977-78, the grant paid under this programme amounted to Rs. 115.63 lakhs. In addition over 360 summer institutes, seminars, workshops, symposia, refresher courses etc. were organised during 1978-79 (upto December, 1978).

Research

The Commission has been attaching great importance to research programmes. Since 1974, over 1132 major research schemes and about 3500 minor research schemes have been accepted. 177 colleges have been provided assistance under College Science Improvement Programme and the proposals of 126 colleges have been accepted under the College Humanities and Social Sciences Improvement Programme. University Leadership Projects have been accepted in 40 science departments and 12 departments of humanities and social sciences in the universities. The Commission has provided assistance for installation of computer at 28 universities.

The Commission has agreed to award 25 scholarships for postgraduate studies and 50 junior research fellowships in approved institutions in specified subjects of relevance to the problems

of border hill areas to be offered to the students of border hill areas within the territorial jurisdiction of NEHU, Kashmir University, Garhwal University, Kumaon University and Himachal Pradesh University.

The Commission has requested the universities to observe the guidelines issued by the Government of India for the reservation of seats for students belonging to Scheduled Castes and Scheduled Tribes and they are also requested to give a concession of 5 per cent marks in the minimum percentage of marks required for admission to any course. The Commission has advised the universities to provide for reservations for Scheduled Castes and Scheduled Tribes for recruitment to the posts of Lecturers in the universities and colleges and suggested mechanics for such reservations. Ten per cent of the research fellowships have been reserved for candidates belonging to Scheduled Castes and Scheduled Tribes. In addition, the Commission has instituted 20 Senior and 50 Junior Research Fellowships to be awarded annually exclusively to candidates belonging to Scheduled Castes and Scheduled Tribes. The universities have also been requested to set up within the University a special cell to ensure implementation of the orders regarding the reservation of Scheduled Castes and Scheduled Tribes issued by the Government of India from time to time.

The Commission has, with the help of the Committees, prescribed the minimum qualifications for recruitment to the posts of Lecturers in the faculties of arts, science, commerce, education and law. These have been circulated to the Universities and colleges for guidance. Qualifications for recruitment to the posts of Lecturers in the faculty of English and foreign languages and physical education, music and fine arts are being finalised. The Commission has also prescribed minimum qualifications for the posts of Readers and Professors in the colleges and circulated the same to the universities for guidance.

Adult Education, Continuing Education

With a view to bringing universities closer to the community, the Commission has agreed to implement the Scheme of Adult Education through universities. To begin with, the Madras University has been selected for the purpose and seed money provided to it to formulate the projects of its departments and colleges. The guidelines for the implementation of the Scheme have been circulated to the universities and colleges. Guidelines for the introduction of Adult Education in tribal areas were circulated to universities.

The Commission continued to implement the Scheme of Continuing Education through universities. 18 universities and two institutions deemed to be universities were participating in the programme in 1977-78. The Commission organised a Conference at Bhubaneswar for universities in the eastern part of the country as follow up of the conferences held earlier at Hyderabad and Simla. On the recommendation of these conferences, the universities have been requested to bring within the purview of the programmes, schemes relating to education of people in rural, tribal and backward areas and the weaker sections of the community, as already underlined in the guidelines.

Correspondence Courses

Correspondence Courses, as a recognised form of non-formal education, in no way inferior to formal system of education, have been approved in 22 universities and institutions deemed to be universities. The position in regard to the implementation of guidelines for the introduction of these courses at the undergraduate and postgraduate courses, circulated earlier, is being reviewed.

Gandhian Studies

The Commission has suggested to the universities the inclusion of Gandhian Studies as one of the themes under foundation courses as part of the reorganisation of courses at the plus three stage in the context of the new pattern of education.

College Development Councils

For the proper planning and integrated development of affiliated colleges, and to provide necessary help and guidance to the colleges, the Commission agreed to provide assistance to the universities on 100 per cent basis initially for a period of three years for setting up College Development Councils. The College Development Council is expected to serve as a vital link between the UGC, the University, Colleges and the State Government.

Sabbatical Leave and Study Leave

With the help of Committee, the Commission finalised the guidelines for the grant of sabbatical leave and study leave to university teachers. These were circulated to universities for their guidance.

Remedial Courses

With a view to providing remedial courses to students coming from weaker sections of society, poor peasants and working classes from rural and city areas, the Commission agreed to provide assistance to universities and colleges, for the appointment of supplementary staff or for payment of honorarium to the existing staff and also for meeting contingent expenditure, if any.

Visiting Professorships and fellowships for Creative Artists and Creative Writers

On the recommendations of a committee, the Commission extended the scheme of visiting professor to include creative artists and creative writers also so that they can be in residence and work at a university centre for a period of three months to one year. For eminent creative artists and creative writers outside the university system, but within the country, the scheme of visiting fellows has been instituted on the same lines as visiting professors. During 1978-79, 8 visiting fellowships have been created in six universities for creative artists and 13 universities have been invited for instituting visiting fellowships (one each) for creative writers.

Autonomous Colleges

The Commission agreed to the conferment of autonomous status to 4 colleges each of Madras and Madurai University. Each of these colleges is entitled to an assistance upto Rs. one lakh on 100 per cent basis for purposes of strengthening their faculty and academic programmes and administrative support required to enable them to function as autonomous institutions. This assistance would be available for a period of 5 years in the first instance.

The Commission agreed that no new college should normally be established during the next five years. However, in the case of identified backward areas where there was a felt need for opening of such colleges, this should be done only after a survey has been undertaken with regard to educational facilities available in each subject. These views were brought to the notice of the universities. The universities were again requested to take up in collaboration with the State Government, a districtwise survey of the existing institutions of higher education

with regard to their location, infrastructural facilities, student enrolment and staff strength and the feeder group of schools in the district.

Science Education Centres

The Commission with a view to supporting a few selected universities, approved the establishment of Science Education Centres at the universities of Madurai and Rajasthan. These Centres, it was envisaged, would have a special concern with the conditions of science education in the country and initiate appropriate activities and programmes for innovations in science education at the university level, design and fabricate necessary materials required for science teachers, produce literature including textbooks, laboratory manuals, teachers' guides etc.

Computer Facilities

The Commission has been supporting the universities to obtain computer facilities or computer time, with the help of advisory committee and expert visiting committees appointed for the purpose. A few regional computer centres are proposed to be set up in collaboration with Department of Electronics.

Book Production & Republication of Foreign Books in Cheaper Editions

With a view to supplementing the efforts of the State Governments and involving outstanding teachers and scholars in the production of standard text/reference books, the Commission in consultation with the Ministry of Education and Social Welfare has been providing support to Indian writers for writing quality books for university level studies since 1971. The scheme has been reviewed and modified and is being implemented with the resources of the U.G.C.

The programme of re-publication of foreign books in cheaper editions, originally published in U.S.A., U.K. and U.S.S.R. and used by university and college students in areas in which there is a dearth of quality books by Indian authors is being continued.

Student Amenities

The Commission continued to give assistance towards students amenities and student welfare including the provision of

hostel accommodation, study centres, non-resident student centres, student aid fund, health centres, and the establishment of book banks. The scheme of book bank was extended to all colleges including professional colleges having enrolment of 100 students and above. Under the scheme of the book banks, multiple copies of the textbooks are provided in all college libraries and they are made available to deserving students on loan during the period of their study. The universities and colleges were also assisted towards establishing a student aid fund so that the poor and needy students might be helped to pay tuition fees and examination fees and meet other needs related to the study.

The Commission with the help of a Working Group reviewed the implementation of the various programmes of students amenities and student welfare and on the recommendation of Working Group has agreed to liberalise assistance for canteens, establishment of student aid fund, study centres, health centres, etc. Assistance will also be provided to the universities and colleges for improvement of living conditions in hostels i.e. sanitary facilities, proper dining halls, etc. on a 75:25 sharing basis. The Commission also agreed to provide assistance to the university/colleges for gymnasium and improvement of play fields.

Regional Instrumentation Centres

There has been a steady progress in the implementation of Commission's programme of research fellowships in humanities, social science and science and engineering and technology. Steps have also been taken to establish regional instrumentation centres to help the university to repair and to bring to use the idle equipment and to train technicians to maintain the equipment properly.

Cultural Exchange Programme

The University Grants Commission implements such of the items of the Cultural Exchange Programmes as are assigned to it in terms of the agreements signed between the Government of India and foreign countries. These involve exchange of visits by teachers/scholars ranging from 3 to 12 weeks for lecture-cum-study.

During 1977-78, the Commission implemented regular cultural exchange programmes with the Governments of Afghanistan, Bangla Desh, Bulgaria, Czechoslovakia, Hungary, Romania, Poland, G.D.R., F.R.G., France, U.S.S.R., Iran, Yugoslavia, Arab Republic of Egypt and Mongolia. Besides, the Commission also implemented *ad hoc* programmes of bilateral academic exchanges with some other countries. These visits have provided good opportunity to the Indian teachers to study the latest developments in various fields abroad. Comprehensive reports received from Indian and foreign scholars have also helped the Commission to formulate effective collaborative programmes between universities and institutions in India and their counterparts in the foreign countries.

On the basis of experience of the Indian participants and with a view to making the best use of cultural exchanges, the Commission has taken steps to encourage studies and research in depth on collaborative basis. This has usually taken form of bilateral academic contacts on a continuing basis and specified departments/universities/institutions after proper identification of areas/disciplines in which cooperation could be profitably permitted to the mutual advantage of both the countries. Such bilateral academic programmes include exchange of teachers/scholars and publications and provision of joint scientific research. The Commission is laying great emphasis on identification of areas/fields in which collaboration could take place between universities in India and universities/institutions in foreign countries as equal partners. As far as possible, the identified areas are being incorporated in the cultural exchange programmes.

In addition to the regular and *ad hoc* Cultural Exchange Programmes, the Commission is also implementing the following programmes involving international collaboration :

- (1) *Indo-British Universities Collaboration Programme* : Under the programme there is provision for development of academic links between selected universities in India and those in U.K. in pursuance of identified research programmes. The areas of collaboration are identified and thereafter joint research programmes are drawn for participating universities and approved by the implementing agencies—UGC in India and British Council in U.K. The British Council has agreed to provide for the visit of some Indian scholars to U.K. for the collec-

tion of source material in connection with their research work. The British Council have also agreed to provide international air fare for 6 leading British academics for visiting India for a period not exceeding 3-4 weeks.

- (2) *Indo-U.S. Fellowship Programme* : Under this programme, the University Grants Commission is required to offer upto 10 postgraduate fellowships to American scholars for their research work in India. Similarly, the US Government have agreed to provide 6 post-doctoral fellowships of the duration of 10 months and 3 visitorships of the duration of 13 weeks each for Indian scholars for their research work in U.S.A.
- (3) Apart from the above, the CSIR have made available 150 man-days to University Grants Commission for the visit of the teachers from Indian Universities to USA for a period not exceeding 4 weeks each under the Indo-US Exchange of Scientists programme.
- (4) *CSIR-CNRS (France) Exchange Programme* : The CSIR have made available 200 man-days to University Grants Commission for the visit of Indian teachers to France for their research work under the agreement entered into by the CSIR and CNRS (France).

B. CENTRAL UNIVERSITIES

Aligarh Muslim University

During the year 1978-79, the University registered many strides following a constructive approach of cooperation on the part of students, teachers and other staff on the one hand and the university administration on the other.

31,000 applications were received for admission during 1978. This amounted to 25 per cent annual growth rate. There are 14,000 students on rolls at present.

The University ran a Training and Guidance Centre. As a result, the person who topped the list of successful candidates at the IAS examination—1978 belonged to the Aligarh Muslim University. The University students fared well in other selection tests also.

The research performance of the University improved. There was increase in the number of successful Ph.D. theses (more in the Faculty of Science). On the research front, there have been developments in the University in the anatomy of brain, the Chemistry of Oil-Seeds, the Chemistry of Enzymes and the development of a drug for heart-disease.

In Games and Sports, the University sportsmen came up very well. The Riding Club reached the final of the All-India Team Tent-Pegging in 1978. Football XI reached All-India Semi-final and Junior Football XI won the U.P. Championship. The Skating and the Swimming Teams also won the several honours.

The Annual Budget of the University was of the order of Rs. 7 crores in 1978. Sufficient funds have been provided for purchase and repair of furniture, purchase of sports material and for maintenance of buildings and minor works.

The University has received unsolicited gifts and donations for the benefit of its community from Islamic Foundation, Government of Jammu and Kashmir, etc. The Vice-Chancellor's Fund has been raised to Rs. 3,25,000/-. Annual disbursement of grants to students from this Fund would exceed Rs. 1 lakh this year.

The University's development projects are mostly on the ground level. The teaching staff quarters and hostels for 100 women students were completed and occupied. The Amenities Block for students and the library of Women's College are now ready. The Engineering College Library, the Sanitary Blocks for S. S. Hall students and a hostel for about 150 students are now under construction.

The courses in Journalism, Continuing Education and Chemical Engineering were started. The Department of Geography has been raised to the status of Centre of Special Assistance by the U.G.C. and recognised as a premier Centre of Research in Agricultural Geography in the country.

A number of Professors from the Faculties of Science and Social Science chaired various sections of International Congress and presented papers at the International Congress.

The Department of Zoology hosted the 8th Annual Conference of Entomological Society of India on January 29 and 30, 1979.

Banaras Hindu University

The new Vice-Chancellor, Dr. Hari Narain joined on 15th May, 1978. He made a rapid survey of immediate problems and after fixing priorities took necessary steps to complete the previous session as well as the commencement of the session (1978-79).

Examinations

A major success has been made in the area of the examinations. Steps have been initiated to expedite the declaration of annual results latest by January, 1979.

Admission Policy

It has been decided to maintain the intake at the level of 1974-75 which in itself was the highest, prior to 1977-78 admissions. Reservation of seats for students belonging to Scheduled Caste/Scheduled Tribe and others who are physically handicapped has been provided for. Weightage is available to Sportsmen of various categories and Debators.

Evening Classes (Kamachha)

The Undergraduate courses as well as M.A. (Final) and M. Com. (Final) classes are being continued at Kamachha Evening College like last year.

Facilities to Affiliated Colleges

The University has permitted increase in seats in B. Com. in D.A.V. College. A proposal to start B. Com. Courses for girls, in Vasanta College for Women, Rajghat has also been permitted.

Study Centre

Four Study Centres were established in various parts of the city during IVth Plan to offer text book facilities within the easy reach of students residing in the city. The U.G.C. has sanctioned two more study centres during the current plan. A new Centre at Godowalia was inaugurated on 21st of December, 1978, with the cooperation of the Nagar Mahapalika.

Coaching Classes for Competitive Examinations

To provide coaching facilities for Central services competitive examinations, a plan is almost ready and is expected to be implemented shortly.

Participation of Students

To decentralise business and accelerate the decision making process in respect of students participation, various Boards and committees in the University such as Students Welfare Committee, Students Accommodation Committee and the Students Grievances Committee etc. have been constituted. A large number of students are represented on these bodies.

Sports

The University provides facilities for 16 major areas of sports activities. The University won the East Zone Championship in Basket Ball and secured a Gold Medal in the All India Inter-University Competition in Wrestling.

Ph. D. Research and Projects

348 students have been enrolled during the period under report. About 400 research scholars have been recipients of Ph. D. degrees.

Number of Degrees Awarded

Postgraduate	1747
Graduate	4608
D. Sc.	1
Chakravorty	2
Ph. D.	394
	<hr/>
Total	6752
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Appointments

The University has recently appointed 6 Visiting Professors in Sociology, Psychology, Philosophy, Mathematics. Geophysics

and Metallurgy and have filled up nearly 200 out of 400 vacant teaching positions in the University.

Integrated Rural Development Programme

As per policy framed by the University Grants Commission and accepted by Inter-University Board at Rajkot session, a coordinated programme for integrated Rural Development has been drawn with the help of Institute of Technology, Institute of Medical Sciences, Agriculture, Education, Science and Social Sciences faculties of the University. The State Bank of India have initiated a State Bank of India Chair on integrated Rural Development to boost research activities.

Building Programme

(a) Residential

To provide residential facilities to Teaching Staff and Employees of essential services of the University, a scheme involving an outlay of Rs. 1.50 crore is under process during the year. The University is also in correspondence with the Commission for sanction of transit accommodation for Ph. D. Scholars and Teacher Fellows.

(b) Computer Centre and Building

The Computer Centre is built around an ICL-1904 S Central processing Unit with 128 KW A (24 bits per word) of main memory, for which University Grants Commission has sanctioned a sum of Rs. 70 lakhs. Work on the building has already commenced and it is expected to shift the computer from Bombay where it is presently stored, to the main campus by March, 1979.

(c) An auditorium (Swatantrata Bhavan) with proposed seating accommodation for nearly 2000 spectators and ancillary facilities of conferences rooms etc. is also under way.

(d) The C.P.W.D. are shortly to launch the construction of Vanijya Bhawan (Commerce Building) for which an assistance has been received through the efforts of Sri Ratanpal Singh. Sri Singh has promised an assistance of Rs. 13 lakhs. The University Grants Commission is likely to make available Rs. 7 lakhs for completion of this building.

Change in Faculties

With the consent of Visitor, the Faculty of Medical Sciences has been split up into the Faculty of Medicine and the Faculty of Indian Medicine. The Faculty of Music and Fine Arts has also been bifurcated into the Faculty of Performing Arts (Music) and Faculty of Visual Arts (Fine Arts).

Deputation

During the period, more than 20 teachers were deputed abroad and nearly 150 teachers have participated in various academic meets in the country.

Conferences and Seminars

Two Summer Institutes, 2 seminars, 2 symposia, 4 workshops and 2 annual conferences were organised in the University. A number of extension lectures were also delivered in various teaching departments. The Second Nehru Memorial Lecture was delivered recently by Prof. R. C. Mehrotra, Vice-Chancellor, University of Delhi. The Department of Hindi is celebrating its Diamond Jubilee this year. On this occasion Inter-Disciplinary Lecture series was inaugurated by Pandit Hazari Prasad Dwivedi. The University has also decided to celebrate in a befitting manner "Soor Panchashati" in 1979. The University Grants Commission and the Government of Uttar Pradesh have agreed to provide necessary assistance for the same.

Alumni Association

The Alumni at Delhi celebrated 118th birth Anniversary of Pt. Madan Mohan Malviya and have launched a programme to propagate his ideals and collect funds for a Malviya Bhawan to be constructed in Delhi.

Non-Teaching Sector

The problems and welfare of the non-teaching staff including officers have also received full attention. In this respect, the following recommendations are under finalisation :—

- (i) Employees working on Daily wages basis since long are to be absorbed in phases in regular scales.
- (ii) Temporary ministerial posts existing for more than two years are to be made permanent.

- (iii) Staff working against these ministerial positions are to be screened shortly through prescribed test.
- (iv) Promotion quota for Class IV through test as prescribed by the Government of India.
- (v) Construction of staff quarters for essential services and married Nursing staff.
- (vi) Medical Health facilities and re-imburement.
- (vii) Withdrawal of contribution for the first 400 kms. to and from in respect of L.T.C. other than home travel.

Decentralisation of Powers and Responsibilities

The Academic Council has constituted a number of Advisory Policy-making and Implementation Committees, numbering 21. These Committees have been assigned specific functions and responsibilities. This provides active and formal participation of nearly 200 teachers and 50 students and non-teaching staff in the decision-making process.

Salient Features of the University Budget Estimate for the year 1978-79

The total annual budget of the University for the year is Rs. 902.36 lakhs including (Block grant of Rs. 768.39 lakhs). In the preliminary estimate for 1978-79 a net increase of an amount of Rs. 23.68 lakhs is anticipated. This is mainly due to increase of Rs. 22.38 lakhs in the maintenance (Block) grant on the basis of 3 per cent increase over the maintenance grant for the year 1977-78 and anticipated increase in Electric and Water charges in various departments, hostels and residences to the extent of Rs. 1.10 lakhs.

As against a total grant of Rs. 166.50 lakhs received towards the expenditure on Revision of Pay, D.A., Additional D.A. (5 slabs) and Pension, the University has incurred expenditure to the extent of Rs. 211.47 lakhs to the end of August 1977.

Various schemes introduced include :

- (a) Liberalised Leave Travel Concessions Rules.
- (b) Additional D.A. on Pension/Family Pension.
- (c) Subsidy to University Cafetarias, Canteens.

(d) Additional posts for S. S. Hospital.

(e) Deposit Linked Insurance Scheme.

University of Delhi

In spite of certain difficulties, the year 1978 can be considered significant in many respects. A number of teachers have received national and international recognition for their scholastic achievements. There was alround improvement in teaching and research, brought about by restructuring the syllabi and taking up new projects. Many innovations initiated during the recent past were carried forward. Particular mention may be made of the M.Phil. Programme which was introduced in more Departments in the University during the year. Examination reforms, notably improvement in the evaluation techniques have been receiving the attention of the university and considerable progress has been made.

Student Enrolment

Enrolment, including those of research students in various courses

The number of students on the rolls of the University during the academic year 1978-79 is 1,26,420. The number of regular students on rolls during the academic year 1978-79 is 76,528 and those enrolled with the External Candidates Cell is 29,520, while those registered with the School of Correspondence Courses and Continuing Education is 10,961 and the Non-Collegiate Women's Education Board is 9,411. The total number of students pursuing Research during the academic year 1978-79 is 3,133.

New Courses

The University has instituted the following new courses in the Department of Modern Indian Languages with the approval of the University Grants Commission :—

1. M.A. in Tamil,
2. Diploma in Tamil,
3. Diploma in Gujarati.

4. Diploma in Kannada,
5. Diploma in Malayalam,
6. Diploma in Marathi,
7. Diploma in Oriya,
8. Diploma in Sindhi,
9. Diploma in Telugu,
10. Diploma in Assamese,
11. Certificate in Assamese and
12. Certificate in Sindhi.

The University has also instituted a One-Year Intensive Course of High Proficiency in Japanese Languages (Post-Advanced Diploma Level) in the Department of Chinese and Japanese Studies.

The University has also instituted a Diploma Course in Forensic Medicine and it is proposed to start the Course from the next academic session.

It has also been decided to institute M.Sc. Course in Applied Physics in the Faculty of Technology and the proposal of the University is under consideration by the University Grants Commission.

The nomenclature of the Diploma Course in Tibetan Language and Culture has been changed to Diploma Course in Tibetan Language and Literature according to a suggestion made by the University Grants Commission.

Progress and achievements in extra-curricular fields—games and sports, cultural activities, etc.

On the basis of its performance in sports at the Inter-University, State, National and International level, Delhi University has retained the Maulana Abul Kalam Azad Trophy for the Fifth time in succession for the year 1975-76. This trophy was awarded by the President of India along with Arjuna Award Ceremony.

Delhi University has retained the All-India Inter-University Swimming and Diving Championships for the second time in Men section held at Mysore in October, 1978. Shri Ram Rattan

(Moti Lal Nehru College) was adjudged the best swimmer of the competition.

Delhi University got second place in the All India North Zone Inter-University Badminton (Men and Women) and both the team qualified for the All India Finals. It has won the Inter-University North Zone Table-tennis Tournament held at Bhagalpur University. The team has qualified in the All India Finals. Our Women team got second place in the North Zone Inter-University Table-tennis Championship. This team has also qualified for All India Finals.

Delhi University Foot-ball team has done well in the All India North Zone Inter-University Tournament held at Jammu. The Team got third position in the North Zone Inter-University Tournament held at Jammu University.

Development of the University under the Fifth Five Year Plan during the year 1977-78

The University has incurred an expenditure of Rs. 85 lakhs on its development activities during 1977-78, including the Fifth Plan allocations to the University and the South Delhi Campus, allocations outside Fifth Plan and the allocations for the Centres of Advanced Studies and Research. Non-recurring grants were provided for academic purposes, to enable purchase of scientific equipment, books and journals. The tempo of construction activity in the University Campus was substantially enhanced and several buildings were constructed.

Some of the new works sanctioned during the Fifth Plan, where the work was in progress during 1977-78 are mentioned below :

- (i) Central Science Library
- (ii) Extension to Ratan Tata Library
- (iii) Central Science Facility
- (iv) Annexure Delhi University Womens' Association Building
- (v) Wardens House for the International Students House
- (vi) Extension to the Geology Department Building
- (vii) Construction of the Music Faculty Building

- (viii) Animal House for the Zoology Department
- (ix) Stadium for organising games and Sports.
- (x) Campus Development Programmes including underground and overhead water storage facilities, tube-wells, electric sub-stations, construction of Kiosks, etc.
- (xi) Staff Quarters.

Several academic and non-academic posts sanctioned during the Fifth Five Year Plan were filled during the year 1977-78.

Significant steps were taken for the development of South Delhi Campus and a grant of Rs. 100 lakhs has been earmarked for this purpose, out of the VI Five Year Plan. Non-recurring grants for purchase of equipment, furniture, books and journals were given to South Campus. Several academic and non-academic posts were created to strengthen the working of South Campus. Land of 66 acres has been allocated for the South Delhi Campus of the University of Delhi and the plans for construction were formulated.

Important features of Budget

Sl. No.	Head of Account	Actuals 1977-78	Revised Estimates 1978-79	Budget Estimates 1979-80
1	2	3	4	5
(Figures in lakhs of Rupees)				
1. Maintenance Grant (Non-Plan):				
	Opening Balance	37.25	87.10	67.62
	<i>Receipts:</i>			
	(i) Grants	380.35	403.17	439.80
	(ii) Departmental Receipts	100.00	96.79	96.81
	(iii) Others	120.45	—	—
		638.05	587.06	604.23
	Payments:	550.95	519.44	604.23
	Closing Balance:	87.10	67.62	..

1	2	3	4	5
<i>2. Plan Account :</i>				
	Opening Balance	38.35	19.23	—
	<i>Receipts:</i>			
	(i) Grants	70.53	273.34	155.76
		108.88	292.67	155.76
	Payments	89.55	292.67	155.76
	Closing Balance	19.33	Nil	Nil
<i>3. University Press Account :</i>				
	Opening Balance	1.89	1.89	3.12
	Receipts	14.56	19.25	20.25
		16.45	21.14	23.37
	Payments	14.56	18.02	20.05
	Closing Balance	1.89	3.12	3.32
<i>4. Miscellaneous Accounts :</i>				
	Opening Balance	41.05	78.58	98.18
	Receipts	327.38	307.43	312.41
		368.43	386.01	410.59
	Payments	289.85	287.83	311.91
	Closing Balance	78.58	98.18	98.68

University of Hyderabad

The year 1978 was a period of continued progress in the various activities of the University. Apart from stabilising the Post-graduate courses introduced in 1977, new Post-graduate courses were started in 1978. The School of Mathematics and

Computer/Information Sciences joined the mainstream of Science Schools functioning at the Campus. The Department of Philosophy under the School of Humanities started functioning at the "Golden Threshold". Courses in M.Sc., M.Phil., and Ph.D. in Mathematics; M.Sc., and M.Phil. in Philosophy; and M.Phil. in Rural Development, were newly introduced during this session. While M.Phil. course in Rural Development was conducted at the National Institute of Rural Development, Hyderabad, with assistance in the form of staff and other facilities made available by the Institute, classes of M.Phil. Computer Methods and Economics continued to be held at E.C.I.L. and Administrative Staff College, respectively as in the previous years.

By the re-opening of the University on 10th July, 1978 after the summer vacation from 10th May, 1978, the academic activities of the session gathered momentum. The final year classes of M.A., and M.Sc., commenced from 19th July, 1978. About 2,500 applications received for admission to various courses were processed and the admissions on an all-India basis, after taking into consideration the candidates' previous academic record and their performance at the admission test, were finalised in July, 1978. All the new admissions were completed by 22nd July, and classes started from 23rd July, 1978. The total number of students admitted, increased from 161 last year to 214 this year. The details of the courses and the number of students admitted school-wise during the session 1978-79 are as under :—

School	M.A./ M. Sc.	M. Phil.	Ph. D.	Total
Mathematics and Computer/ Information Sciences	8	20	1	29
Physics	24	10	5	39
Chemistry	20	4	8	32
Life Sciences	21	7	8	36
Humanities:				
(a) English	47	4	1	52
(b) Philosophy	7	3		10
Social Sciences:				
(a) Economics		4		4
(b) Rural Development		12		12
	127	64	23	214

In addition to 20 per cent of seats in each course reserved for Scheduled Caste/Scheduled Tribe candidates, upto 3 percent of seats in each course were reserved for Physically handicapped candidates, as advised by the Ministry of Education and Social Welfare, Government of India. In all, 11 candidates belonging to Scheduled Castes/Scheduled Tribes and 4 Physically handicapped candidates were admitted to various courses.

The final examination for most of the M.Phil. courses started in August, 1977 and M.A. English, started in July, 1976 were held in April-May, 1978 as scheduled. All the 40 students who took these examinations (23 for M.A. English and 17 for M.Phil. courses in Physics, Chemistry and Life Sciences) were declared eligible for the award of respective degrees. 22 of them secured first division and the rest second division.

Admission of the 2nd batch of Ph.D. candidates of the current session are under finalisation. When these admissions are completed by the end of January, 1979, the number of Ph.D. students on the rolls is expected to increase from 23 to 45.

On the same basis as followed last year, 10 Merit scholarships and 24 Merit-cum-Means Scholarships each of the value of Rs. 100/- p.m., were awarded to the students of M.A. and M.Sc. courses. 44 Fellowships of the value of Rs. 400/- p.m. each were awarded to the students of M.Phil. UGC Junior Research Fellowships were sanctioned for 9 Ph.D. students. In addition, deserving students were considered for grant of freeships and 7 of them were granted freeships for the year. Some students of the university were also getting scholarships and fellowships from CSIR, NCERT and other similar agencies.

Efforts were made to improve the amenities available for the staff and students. A Health Centre to provide medical facilities for minor ailments and immediate relief was opened at the Campus. A branch of the State Bank of India was also commissioned at the Campus. An experimental Branch Post Office will be opened shortly. Adequate sports and games facilities were provided to the students at the Campus, Golden Threshold and the Hostels. For the first time, a University cricket team participated in the Inter-University Cricket Tournament held in December, 1978 at Madras.

The developmental activities at the Campus gathered considerable momentum during the year under report. In addi-

tion to the buildings completed and occupied in the "Service area" the following buildings were completed.

- | | |
|---|---|
| 1. Instrumentation Centre building with provision for Air-conditioning
Area 11,300 Sq. ft.
Cost Rs. 10,80,000/. | The construction work has started departmentally in July, 1977. Air-conditioning of the building entrusted to M/s. Voltas is in progress. The building is ready for occupation. Almost all the sophisticated instruments/equipment have been installed. |
| 2. Canteen building in the "Service Area".
Area 2500 Sq. ft.
Cost Rs. 1,50,000. | The work has been taken up departmentally. The building is completed and being furnished. |
| 3. Animal House attached to the School of Life Sciences.
Area 1500 Sq. ft.
Cost Rs. 76,500/. | The work has been taken up departmentally and completed. |
| 4. Additional Class Rooms for Science Schools.
Area 3000, Sq. ft.
Cost Rs. 1,44,500/. | The work has been taken up and completed departmentally. The building is ready for occupation. |

Construction of the following buildings is now in progress :

- | | |
|--|---|
| 1. 28 Lecturers' Quarters
Area 1,300 Sq. ft. per quarter.
Total cost Rs. 15,00,000/. | The work has been entrusted to a contractor. The construction started in June 1978 is progressing well. |
| 2. Hostel for 106 students (Men)
Area 25,250 Sq. ft.
Total cost Rs. 15,30,000/. | The work has been taken up departmentally and labour portion entrusted to a contractor. |
| 3. 30 quarters for Professors/Readers
Area 1,800 Sq. ft. per quarter.
Total cost Rs. 36,90,000/. | As the contractor to whom the work was entrusted backed out, (this) project has been entrusted to another agency and work is in progress. |
| 4. Teachers' Hostel (3 Units to provide accommodation for 8 teachers/each unit).
Total area 16,800 Sq. ft.
Total cost Rs. 8,63,700/. | The work has been taken up departmentally and is in progress. |

The formation of the main approach road to the academic complex, internal roads in the Service area, water supply schemes and electrification works are also in progress.

The Revised Budget Estimates for the year 1977-78 and the Budget Estimates for 1978-79 as recommended by the Finance

Committee were approved by the Executive Council at its meeting held on 22-2-1978. For the year 1978-79 provision was made for an expenditure of Rs. 75 lakhs under Revenue account and Rs. 162 lakhs under Capital account.

Jawaharlal Nehru University

The University continued to make progress in academic and research programmes despite numerous constraints including paucity of funds, which affected the balanced development of the newly established schools, particularly the science schools to a considerable extent. The attention of the Commission was repeatedly drawn to these, and it is hoped that the UGC would initiate suitable measures to correct these imbalances.

Enrolment including research students

The number of students on the rolls of the university including Centre of Post Graduate Studies, Imphal has gone up from 2964 to 3217 since the last report.

Progress and achievements in academic fields/seminars/conferences held and research work received at national and international level

Nearly 150 research projects sponsored by various national and international agencies are in progress while work on nearly 30 research projects was completed during the year under report. Nearly 40 books and over 200 research papers and articles were published by members of the faculty in journals in India and abroad.

Nearly fifty eminent scholars from India and abroad were invited to deliver lectures, give seminars at the University.

In addition, fourteen eminent scholars both from India and abroad were offered visiting assignments for varying periods ranging from one month to six months on the faculty of the various schools. Over sixty faculty members were sanctioned various kinds of leave to enable them to accept invitations, fellowships, visiting assignments in institutions in India and abroad. Over 150 faculty members attended seminars, conferences within India and abroad.

898 students of the University were declared eligible for award of B.A./B.Sc., M.A./M.Sc., M.C.H., M.P.S./M. Phil and

Ph.D. degrees during the period under report. Of these 38 received Ph.D. degrees, 79 M.Phil./M.C.H./M.P.S. degrees. 213, M.A., M.Sc. degrees and 15 B.A., Hons. degrees in various languages.

Besides, 487 cadets belonging to the National Defence Academy, Khadakwasla and 66 cadets registered at the Army Cadet College, Dehradun received B.A./B.Sc. degrees of the University. Diplomas/Certificates in various languages were awarded to the 267 students. Doctoral theses of as many as 10 students and M. Phil. dissertation of 40 students are under evaluation

More than 60% of the full time students/scholars on rolls received financial assistance from the University/outside sources in the form of fellowship/scholarships/freeships besides a sizable number of students received grants/loans from the students Aid Fund and the Vice-Chancellors' discretionary fund.

Extra Curricular Activities

Efforts continued for developing a rich and varied programme of co-curricular activities for students. In all there are about 30 Sports and Cultural Clubs functioning in the University enabling students to participate in the extra curricular activities according to their talents and aptitude. The Badminton Club, the Debating Club, the Film Club, the UNESCO Club and the Cultural Club, Music and Dance Club and Literary Club were particularly active during the year under report.

Campus Development

The following building projects were completed and have been acquired for use during the year under report :

1. Two floors of the School of Social Sciences Building on the New Campus.
2. Building to house centralised language laboratories in the CRS compound.
3. Laboratories installation for the School of Environmental Sciences on the third and fourth floors of the School of Life Sciences building.
4. Two floors of the Poorvanchal Hostel Building including Dining Hall in Sector XIII.

The building projects in progress

1. Poorvanchal Hostel 3rd and 4th floors.
2. A Married Research Scholars' Hotel in Sector XIII.
3. 36 Faculty houses and 60 essential staff quarters.
4. Library Building.
5. Building to house the School of Social Sciences, and
6. Development work in Sector XIII.

Salient Features of the Budget

The actual expenditure incurred by the University during the financial year 1977-78 is as under :

	(Rs. in lakhs)
(i) Maintenance (non-Plan) expenditure	193.48
(ii) Development (plan expenditure)	
(a) Recurring—	
Expenditure on Revenue Account	44.05
(b) Non-recurring—	
(i) Development of University Campus	65.97
(ii) Other capital expenditure	34.18

Financial year 1978-79

Maintenance grant for the year 1978-79 as provisionally fixed by the UGC 182.00 lakhs

Financial estimates/development Plan, tentative provision made for 1978-79 191.56 lakhs

North-Eastern University

The academic session for the year 1978-79 commenced in July-August, 1978. In July, 1978, the first Vice-Chancellor Dr. C. D. S. Devanesen relinquished the office after completing

the five year term, and the new Vice-Chancellor Dr. A. K. Dhan assumed office on 26th July, 1978. The first Registrar appointed by the Visitor for a three year term also joined the University on 20th October, 1978.

The University has at present 13 Postgraduate Departments—5 of Science and the rest of Arts and two Centres, namely, the Centre for Continuing Education and the Centre for Creative Arts. In keeping with the Government of India's policy one Adult Education Centre for Continuing Education is actively engaged in the programme of Adult Literacy.

The College of Agriculture which offers five year integrated course in B.Sc. Agriculture and Animal Husbandry was established at Mebziciphema, Nagaland in October, 1978.

The academic programmes in the Postgraduate Departments as well as in 29 affiliated colleges continued as usual. The cocurriculum activities such as debates, seminars, sports, NSS programmes etc. were also encouraged. In January, 1979, a cultural Troupe comprising students of the University and its affiliated colleges participated in the "Youth of the University Festival, 1979" organised by the Bombay University, and also visited Agra and Panjabi Universities.

With the completion of the approach road to the new Campus site, the work on the main Campus will begin shortly. During the academic year all examinations were conducted as per schedule.

Visva-Bharati

Officers of the University

Sri Morarji Desai, Prime Minister, was elected to be the Acharya (Chancellor) of the University with effect from April, 16, 1978.

New Courses of Studies

The following new courses of studies were introduced during the year :

1. M. Music (Master of Music)
2. M. Fine (Master of Fine Arts)

3. M.S.W. (Master of Social Work)
4. M.A. in Geography
5. M. Phil in Rural Development
6. Two-Year Post-Diploma in Fine Arts

Major Building Construction

The following constructions were completed during the year :

1. One block of 'C' type twin staff quarters at Dakshin-palli.
2. Agronomy building at the Palli-Siksha Sandana, Sriniketan.

Construction Programmes in hand

The University Grants Commission has sanctioned grants amounting to Rs. 10.47 lakhs and Rs. 44.25 lakhs for construction of Staff quarters for the essential staff (non-teaching) and institutional buildings and staff quarters respectively during the Fifth Five Year Plan. While the C.P.W.D. has been requested to take up construction of some institutional buildings costing approximately Rs. 18.00 lakhs, the other construction works are being executed by the University through reputed contractors.

Number of students

Boys	1568
Girls	1504
Total	<hr/> 3072

Number of teachers 389

Major Academic Programmes

The University propose to develop some academic department in terms of schools. Three such schools have been established without affecting the identity of the constituent departments. These are : (1) The School of Language comprising the

language departments, (2) The School of Life Science comprising the departments of Botany and Zoology, and (3) the School of Historical Studies comprising the departments of History and Ancient Indian History, Culture and Archaeology.

A new department of Rural Studies (Palli Charcha Kendra) has been set up at Sriniketan with a view to providing research and academic base to the pioneering experiments in rural development initiated by Rabindranath Tagore.

The Visiting Fellowship programme which was initiated in 1977 has continued. The main idea behind the Fellowship Programme is to give the community the benefit of the presence of eminent men and women on the campus reviving the tradition of Visva-Bharati to extend hospitality to outstanding scholars and creative artists from all over the nation and from abroad. An important series of publication entitled "Visiting Fellowships Lectures" are being brought out by the University.

Other Major Activities

The Department of Social Work has again been entrusted with the responsibility of evaluating the National Social Service programmes of the Universities in the eastern region.

The activities of the Silpa-Sadana (Cottage Industry Training Centre) have been effectively supplemented by the work of *Visva-Bharati Khadi-O-Gramin Unnayan Samiti*. Eighty six village artisans, mostly belonging to the Scheduled Castes and Scheduled Tribes, have been working under the different Production Schemes sponsored by the Samiti.

In April, 1978 the Elmhirst Crafts Museum was formally inaugurated at Sriniketan. It is expected that with growing collection this museum will become a major centre for the display of traditional handicrafts from all parts of rural India and also from Asia and Africa.

C. INSTITUTIONS DEEMED TO BE UNIVERSITIES

On the recommendations of the University Grants Commission certain institutions have been declared by the Central Government as institutions deemed to be universities under Section 3 of the University Grants Commission Act, 1956. In the case of some of these institutions, the Government had also decided to

meet the deficit in their maintenance expenditure and also sanction grants to raise the matching contributions provided by the UGC for implementation of development programmes. The development programmes of these institutions are approved by the University Grants Commission on the basis of an assessment made by the Visiting Committee constituted by the Commission for each plan period.

During 1978-79, grants were paid to the following four institutions deemed to be universities :

- (a) Gujarat Vidyapith, Ahmedabad ;
- (b) Gurukul Kangri Vishwavidyalaya, Harwar ;
- (c) Gandhigram Rural Institute, Gandhigram : and
- (d) Jamia Millia Islamia, Delhi (for activities other than higher education).

Dr. Zakir Husain College, Delhi

The Government of India decided in 1973 to set up a Trust for the administration and development of the former Delhi College, Delhi as a memorial to Dr. Zakir Husain, the late President of India. The Trust will meet 5 per cent of the deficit in the maintenance expenditure of the College and also the matching share for the development assistance sanctioned by the UGC. The Government provide necessary financial assistance to the Trust for this purpose.

The development programmes of the College include shifting of the College to a new site and construction of buildings and provision of other facilities. Adequate land for the purpose has been acquired by the College and at present detailed plans and estimates for the construction of buildings are under preparation.

Association of Indian Universities

The Association of Indian Universities is a voluntary organisation of which all the universities in the country are members. The main objectives of the Association is to provide a forum for the universities in the country to exchange views and consider

problems of common interest to all of them. The Government has been providing a token contribution towards the maintenance expenditure of the Association which is met substantially from out of the subscriptions raised by the Association from the members.

During the Fifth Plan period at the request of the Association, the Government agreed to finance certain research activities in areas of common concern to the universities. These projects were examination reforms, economics of education etc. Under the programme of examination reforms, the Association has developed question banks in most of the major subjects covered by the university level courses. The Association proposes to produce question banks in all subjects at first degree level.

Loan to Panjab University, Chandigarh for development

With the re-organisation of the State of Punjab in 1966, the Panjab University, Chandigarh was declared an 'inter-state body corporate' under the Punjab Re-organisation Act, 1966. Under the provisions of this Act, the successor States share the maintenance expenditure of the University. These States, however, do not contribute towards the developmental expenditure of the University. It was, therefore, decided that the Central Government might sanction loan to the University for its development programme, which include matching share for development grants sanctioned by the University Grants Commission and also certain other programmes not qualifying for assistance from the University Grants Commission. The Loan is sanctioned on the basis of requirements worked out on year to year basis.

D. SPECIALISED RESEARCH ORGANISATIONS

Indian Institute of Advanced Study, Simla

The Institute was set up in 1965 as an autonomous and residential institution to provide facilities for talented scholars to pursue advanced research in the Humanities and Social Sciences. The Institute has so far appointed 152 Fellows for terms ranging between one year and three years. In addition, four Fellows have been appointed for a period of five years, each renewable

after every five years. Besides, the Institute has been awarding **Guest Fellowship for short duration upto four months**, inviting senior academics to deliver lectures and organising a large number of seminars.

In September 1977, the Government appointed a Committee to review the functioning of the Institute and to make recommendations in regard to the future policy, programmes and activities of the Institute. The Committee submitted its report in May 1978. The Report is under consideration of the Government. Pending finalisation of decision on the Report of the Review Committee, the Institute had not made any fresh commitments by way of appointment of personnel or award of Fellowship during the year 1978-79.

Scheme of Assistance to Institutions of Higher Education

Certain voluntary organisations are offering programmes of higher education outside the university system. In order to encourage such institutions and to provide them with necessary financial support the Ministry had formulated a scheme during the Third Plan period. Assistance under this scheme is available only to these institutions which are offering programmes different from the normal and established pattern of education and are innovative in character. Presently, four institutions are being assisted under this Scheme. These are :—

- (1) Sri Aurobindo International Centre for Education, Pondicherry.
- (ii) Lok Bharati, Sanosara, Gujarat.
- (iii) Tilak Maharashtra Vidyapith, Pune.
- (iv) Kanya Gurukul Mahavidyalaya, Dehra Dun.

Indian Council of Social Science Research

The Indian Council of Social Science Research which was established during 1969-70 with the primary objective of promoting and co-ordinating social science research in the country, vigorously pursued its objectives during the year under report.

1. *Research Projects*

During the year under report 77 projects have been sanctioned.

2. *Training Programmes*

The Council's programme envisaged the holding of 11 training courses in Research Methodology. Out of this 3 training programmes have already been organised and 8 more are to be organised during the year 1978-79.

3. *Fellowships*

During the year under report 110 fellowships including National fellowships, Senior fellowships, Post-doctoral fellowships, Fellowships for young Social Scientists and contingency Grants have been awarded.

4. *International Collaboration*

Grants-in-aid were sanctioned to 22 Indian Social Scientists for visiting foreign countries and 7 foreign Social Scientists for visiting India. The Council also continued to cooperate with East European Countries in Cultural Exchanges.

5. *Data Archives*

During the year under review data sects on 'The Problem of Drug Addiction among the college, university students, in Jabalpur Town,' 'Distribution and Differential Location of Public Utilities in Urban Delhi', 'Outmigrating Towns : A Study into the nature, causes and consequences of outmigrating', and, 'Slum and Social Change : A case Study of Metropolitan Slum' have been acquired.

6. *National Register of Social Scientists*

The first phase of the project on the compilation of National Register of Social Scientists in India, started in 1976, has been completed. The manuscript containing information on the academic background, research interests, important publications and institutional affiliation of approximately 7000 social scientists located in Research Institutions, University Departments and affiliated Colleges is ready and is awaiting publication.

7. *Documentation*

(a) **Study Grants** : Under this Scheme about 208 Ph.D. Students from different Indian Universities were provided with study grants to use the research materials available in various Libraries/Research institutes.

(b) **Mahatma Gandhi 'Bibliography'** : During the period, the Urdu Fascicule of this bibliography was brought out. The fascicules in other Indian Languages are at different stages of compilation/printing.

(c) **Inter-Library Resources Centre** : The Inter-Library Resources Centre, set up in 1975 is a cooperative venture of 25 local Social Science Libraries in Delhi. During the year 6845 Scholars used the collections of this Centre.

(d) **Library** : About 800 books on Social Science Research methods, research administration, and various research reports were acquired. The manuscripts of about 225 Ph.D. theses, submitted to Indian Universities, were also added to the collection of the Library.

(e) **Retrospective Indexing Project** : An index of about 60 Indian Journals in Sociology, Social anthropology and Psychology upto the year 1970 has been completed and edited. An index of 16 Indian Educational Journals of the period 1947-1977 has also been completed.

(f) **Union Catalogue of Newspapers** : A Union Catalogue of Newspapers available in 50 local libraries was prepared in this period.

8. *Publications*

During the period, ICSSR brought out 10 publications.

9. *Area Studies*

The Council continued to strengthen its programme in Area Studies. The Asian region remained the priority area. During the period four research proposals were sanctioned under the

Area Studies Programme. Under the same programme, a proposal for field-trip to Sri Lanka was also supported.

AASSREC

The Association of Asian Social Science Research Councils (AASSREC) organised its 2nd Conference in Seoul from 4—8 October, 1977. The ICSSR, as its founder member, participated in the Conference, which also elected new office bearers.

Indian Council of Historical Research

The Council, established as an autonomous organisation in 1972, aims at promoting, accelerating and coordinating research in history by taking all such measures as may be found necessary from time to time.

During the months from April to October in the financial year 1978-79 the Council sanctioned 8 research projects, 16 fellowships, 58 study/travel/contingent grants, 9 subsidies for publication and 8 grants for professional organizations of historians. The work on 5 volumes of sources was over while work on other volumes is in progress. One old book was reprinted while a number of other old books were being processed for re-printing. Under the programme 'Production of Core Books' sixteen translations of core books on Indian history and culture into seven languages were received, steps were being taken to process them for publication. Four translations prepared earlier were published. The collection of material for the work on the projects 'Towards Freedom', and 'Praja Mandal Movement' is in progress. Two seminars, all relating to problems in the study of the socio-economic history were held. The seventh issue of the Council's Journal *Indian Historical Review* was brought out.

All the above activities are continued now. The approximate number of schemes sanctioned at the end of 1978-79 is expected to reach as follows : research projects—15, fellowship—30, study grant—125, subsidies for publications—16, grants for professional organizations of historians—12. Including the number of manuscripts that are expected to be received the total number of manuscripts received at the end of 1978-79 would be as follows : Source volumes : 10, Translation of core books : 24. Including two seminars to be held, the total number of seminars held during 1978-79 would be 4.

NATIONAL STAFF COLLEGE FOR EDUCATIONAL PLANNERS AND ADMINISTRATORS, NEW DELHI

A brief review of the activities of the Staff College during the year 1978 and the proposed programmes for January—March, 1979 are given below :

A. Training Programmes

(i) *Study-cum-observation Programme for Afghan and Burmese Education Officers.*

The Staff College at the request of Unesco Regional Office for Education in Asia, organised a study-cum-observation Programme for 13 Senior Afghan (5) and Burmese (8) Education Officers from January 2—14, 1978. The main focus of the programme was to acquaint the participants with the system of educational planning and administration in India at various stages (from pre-primary to Post-graduate) at various levels national, state, district and block.

(ii) *Orientation Programme in Management of Educational Resources for Principals of Higher Secondary Schools.*

The Staff College organised an Orientation Programme in Management of Educational Resources for Principals of Higher Secondary Schools from February 20—25, 1978. The main focus of the Programme, which was designed in consultation with the Kendriya Vidyalaya Sangathan and the British Council, was to familiarise the participants with the application of modern management techniques in education and to help them in practising certain management skills.

(iii) *Orientation Programme for a Select Group of College Principals going to the U.S.A.*

At the request of the United States Educational Foundation in India the Staff College organised the second orientation Programme (March 20—22, 1978) for a select group of 6 College Principals going to the U.S.A. under the USEFI's University Administrator's Project 1978. The main focus of the programme was to acquaint the participants with the development of higher education in India with particular reference to their respective States, to enable them to exchange their experiences in different problems of educational administration and to familiarise them with the pattern of higher education in the U.S.A.

(iv) *Training Programme for State Education Planning Officers.*

During the year under report, three visiting programmes for State Education Planning Officers were organised.

The main objective of all these programmes was to improve the technical competence of State Education Planning Officers for handling the task of formulating the next Five Year Plan of Education.

(v) *Workshop on National Service Scheme.*

At the request of Youth Bureau of Union Ministry of Education the Staff College organised a 4-day workshop (April 17—20 1978) on National Service Scheme for Officers Incharge of N. S. S. Orientation Centres, University N. S. S. coordinators and officers of N. S. S. and Field Officers of Ministry of Education. The workshop was attended by 44 N. S. S. officers and the main focus of the workshop was to acquaint the participants with the highlights of the National Adult Education Programme (NAEP) and provided an opportunity to the participants to exchange notes on successful implementation of adult education programme under N. S. S. in their respective areas.

(vi) *Training Course for Statistical Assistants of State Education Departments.*

In collaboration with the Union Ministry of Education (Planning, Monitoring and Statistics Unit) the Staff College organised a one-week Training Course for Statistical Assistants of State Education Departments from May 23—29, 1978. The main objectives were to acquaint the participants with different features of the forms of collection of annual educational data from States and to impart them sufficient training so that they may fill up the various forms (ES-I, ES-II, ES-III and ES-IV) correctly and without difficulty.

(vii) *Workshop on Institutional Planning for Principals of Kendriya Vidyalayas.*

The Staff College in collaboration with the Kendriya Vidyalaya Sangathan organised a workshop on Institutional Planning for 25 principals of Kendriya Vidyalayas of the Delhi Region, from May 30—June 3, 1978. The main focus of the workshop was to familiarise the participants with the concept and pre-

paration of institutional Planning and modern trends in education having relationship with it and to enable them in preparing an institutional plan for a three-year period covering all aspects of improvement of their Vidyalayas.

(viii) *Workshop in Indian History and Culture for Supervisors and Curriculum Directors of Social Sciences from the United States of America.*

At the request of United States Educational Foundation in India and with the approval of the Union Ministry of Education, the National Staff College organised a workshop in Indian History and Culture for 18 Social Studies Supervisors and Curriculum Directors from the United States of America from June 19—July 12, 1978. The main objectives of the workshop were to familiarise the participants with the main trends in education and changing patterns of development in India and to improve understanding of the historical currents and cross-currents of modern India which would be helpful for the improvement of teaching of Indian History and Culture in the U.S. Schools and to further mutual understanding with the help of Indian scholars.

(ix) *Orientation Programmes for Education Officers of Delhi Administration.*

At the request of and in collaboration with the Directorate of Education, Delhi Administration, the Staff College organised two orientation Programmes in Educational Planning and Administration for Education Officers of Delhi Administration. The main focus of these programmes was to acquaint the participants with some of the important concepts and problems of educational planning, administration and supervision and to familiarise them with new educational trends and programmes of qualitative improvement.

(x) *Orientation Programmes for District Education Officers of Jammu and Kashmir.*

At the request of the Department of Education, Government of Jammu and Kashmir, the Staff College also organised an Orientation Programme in Educational Planning and Administration for 12 District Education Officers of the State.

(xi) *Seminar on Some Aspects of Administration of Higher Education.*

At the request of United States Educational Foundation in India, the Staff College organised a three-day seminar on some Aspects of Administration of Higher Education (August 3—5, 1978) for a select group of six principals who had earlier visited the United States of America under the USEFI's University Administrators' Project 1978. The main objectives of the seminar were to enable the participants to exchange their experiences with regard to the current trends in the development of higher education in India and to help them to identify areas of higher education in India particularly with reference to affiliated colleges for introducing meaningful changes.

(xii) *Orientation Programme for School Principals proceeding to the U.K.*

The National Staff College in consultation with the Central Board of Secondary Education, organised an Orientation programme for eight school principals proceeding to the U.K. from September 11—13, 1978. The main focus of the programme was to upgrade the knowledge of participants in regard to innovations in Indian Education and to help them in identifying management problems including those which may arise out of the implementation of the Ishwarbhai Committee and Malcolm S. Adishesiah Committee reports.

(xiii) *Management Oriented Training Programme for Administrators and Senior Faculty Members of Polytechnics (Southern Region).*

At the request of the Technical Teachers' Training Institute Adyar, Madras and in association with the faculty of Management Studies, University of Delhi, the National Staff College organised a Management Oriented Training Programme for Administrators and Senior Faculty Members of Polytechnics of the Southern Region at Madras from October 2—7, 1978. Attended by 20 participants, the main focus of the programme was to initiate a phased management oriented training for preparing a core faculty from the Technical Teachers' Training Institute, Madras and elsewhere in the Southern Region which would eventually organise management oriented programmes for administrators, Principals and senior faculty members of the polytechnics in the Southern Region.

(xiv) *Orientation Programmes in Educational Planning and Administration for College Principals.*

During the period under review the Staff College organised eight orientation programmes for college principals in educational planning and administration for different States.

The main objectives of these programmes were to acquaint the participants with current trends and problems in the field of Higher Education, to help them to appreciate their role as a Change agent in the programme of institutional planning, faculty development, student welfare and to provide an awareness of Modern Management Techniques in general and their application in the field of educational administration.

(xv) *Unesco-sponsored Seminar on Methods for Projecting School Enrolment.*

The National Staff College in collaboration with Division of Statistics, Unesco, Paris organised a National Training Seminar on Methods for Projecting School Enrolment from November 20—December 1, 1978. Attended by 20 participants, the main focus of the seminar was to acquaint the participants with methods of projection adapted to the education/population problems encountered and the statistical data available in India.

B. Collaboration with International Agencies

(i) *UNESCO-sponsored Project on "Education for International Understanding, Cooperation and Peace and Education Relating to Human Rights and Fundamental Freedoms".*

The 19th General Conference of Unesco held at Nairobi in October—November 1976 recommended that a small number of Unesco National Commissions of Member States with different educational systems may be invited to undertake studies on practical means of applying the comprehensive recommendation concerning education for international understanding, cooperation and peace and education relating to human rights and fundamental freedoms adopted at its Eighteenth Session held at Paris in November 1974. One of the Commissions invited for carrying out such a study was the Indian National Commission, which in turn assigned the study to the National Staff College.

The Study aimed at ascertaining the present position regarding promotion of international understanding, cooperation and

peace and respect of human rights and fundamental freedoms through educational programmes ; examining in depth the practical possibilities of incorporating the components of international education in different educational settings ; identifying the problems involved and suggested the form of action. The project covered the major levels and forms of education starting from pre-primary education to higher education, including teacher preparation and non-formal education. The design of the study included analysis of syllabi and text books in different school subjects developed by NCERT, collection and analysis of information from the selected institutions located in different parts of country ; conducting case studies of some of the institutions connected with the UNESCO-Associated Schools Project ; and analysis of University level text books on international understanding. The report of the study has since been submitted to Unesco which has conveyed its appreciation of the study.

(ii) *Study on Management of Local Support to Education in India—A Case Study.*

The study was requested by UNESCO, which is getting such studies made in a number of countries, both from the point of view of linkage education with the community—the pedagogic and social importance of which is being increasingly realised—and for meeting the increasing costs of education, mobilisation of community resources is a matter of great importance. The Study was divided into two parts. The first part gave the various strategies adopted in the country as a whole while the second part dealt with the detailed study of the work done in Tamil Nadu. The Study was based on replies to the questionnaire/opinionnaire issued to various officials and non-officials. Personal discussions were also held with distinguished administrators, educationists and community leaders. The Study indicated that considerable work had been done in mobilisation of local support but its potentialities were very much greater which needed right educational policies, correct approach to the community and local leadership and organisation. Full administrative and political support was also necessary.

(iii) *Correspondence Course in Educational Planning and Management.*

A Correspondence Course in Educational Planning and Management for the District and other senior officers of Education Department was started by the National Staff College on July 1, 1978 in collaboration with the Unesco's Regional Office

for Education in Asia, Bangkok. The Course consisted of 36 Units divided into six books with a duration of 6 months. The last instalment of learning material was sent to the participants in December 1978.

C. Future Programmes to be Organised during January—March 1979

- (i) Seminar on contribution of Education to New International Order. This seminar will be organised at New Delhi from January 22—27, 1979 in collaboration with International Institute of Educational Planning, Paris and Unesco Regional Office for Education, Bangkok.
- (ii) National Training Seminar on Statistics of Literacy Programmes from February 6—10, 1979.
- (iii) Seminar on Educational Supervision for Education Officers (first batch) of Haryana from February 19—16, 1979.
- (iv) Correspondence Course in Educational Planning and Administration/Contact Programme from February 27—March 3, 1979.
- (v) Orientation Programme for Education Officers of Directorate of School Education, Tamil Nadu, in the first fortnight of March 1979 at Madras.
- (vi) USEFI-sponsored Programme for College Principals proceeding to USA in two parts in March 1979.

D. Research and Studies

- (i) *All India Survey of Educational Administration.*

As a part of the Third Educational Survey, it was decided to conduct an All India Survey of Educational Administration in various States and Union Territories, which commenced in 1974. The main objective of the survey is to describe existing set up and functioning of the Government machinery for educational Administration at all levels, National, State, district and covers in its scope all stages of education (both formal & non-formal) from pre-primary to post-graduate and research. Up to the end of December 1978 reports of Andhra Pradesh, Andaman & Nicobar Islands, Arunachal Pradesh, Assam, Bihar, Chandigarh, Dadra & Nagar Haveli, Delhi, Goa, Daman & Diu,

Haryana, Himachal Pradesh, Karnataka, Kerala, Lakshadweep, Maharashtra, Madhya Pradesh, Mizoram, Nagaland, Orissa, Pondicherry, Tamil Nadu, Tripura, Uttar Pradesh, West Bengal and Government of India have been published.

(ii) *Study of Administration of Elementary Education in relation to the Programme of Universalization.*

In pursuance of the decision taken in the meeting of Education Secretaries & Directors of Public Instructions of 9 educationally backward States namely Andhra Pradesh, Assam, Bihar, Jammu & Kashmir, Madhya Pradesh, Orissa, Rajasthan, Uttar Pradesh and West Bengal held in Vigyan Bhawan on July 15, 1978, the National Staff College has launched an empirical study on administration of elementary education with a view to reforming and strengthening the existing administrative arrangements for elementary education in relation to the programme of Universalization in the nine above mentioned States. This study covers all the three aspects of administration viz. its structure, availability of personnel and procedures for decision making at village, block, district, regional/divisional and state levels. It involves a detailed study of education codes and Manuals and administration of questionnaires to the administrative functionaries supplemented with interviews and observation of their functioning.

E. Visits

(i) *Visit of Soviet Delegation.*

A Five member Soviet delegation headed by Prof. N. S. Egorov, Deputy Minister of Higher and Specialised Secondary Education USSR visited the Staff College on January 13, 1978. They met the Director and the faculty members of the Staff College and discussed problems of mutual interest relating mainly to educational planning and administration.

(ii) *Visit of Prof. Michael Debeauvais.*

Prof. Michael Debeauvais, Director International Institute for Educational Planning, Paris visited the Staff College on July 20, 1978 and addressed a seminar on "Changing Relationships between Education & Employment in a Long term Perspective".

(iii) *Visit of Dr. J. Hallak.*

Dr. J. Hallak, Senior Faculty Member of International Institute for Educational Planning, Paris visited the Staff College on

August 28, 1978 and addressed a seminar on "Education, the World of Work and Employment".

(iv) A group of Educational Supervisors from the Central Hindi Institute, Agra, visited National Staff College on 1st December, 1978 when faculty members of National Staff College addressed the group.

Administration

During the year 1978 two special and two ordinary meetings of the Council of the National Staff College were held on 15th July 1978 and 19th October 1978, to consider and approve amendments to the memorandum of association and certain other important matters such as future programmes of the Staff College and to approve the draft Annual Report of the National Staff College for 1977-78.

Four Finance Committee meetings were held to consider important financial matters of the Staff College which were required to be placed before the Council meetings of the Staff College. This apart, two meetings of the Sub-Committee appointed by the Finance Committee to consider the Sixth Plan proposals of the Staff College were also held.

Finance and Funds

The total budget provision for the Staff College during 1978-79 is Rs. 18.00 lakhs (Plan) and Rs. 3.30 lakhs (Non-Plan).

Library

The Staff College maintains a well equipped library in educational planning & administration and related areas. The library has about 19000 books, documents and other publications. It also subscribes to nearly 150 periodicals in educational planning, administration, management development and other allied fields. During the period 2000 titles were added to the library.

Publications

(i) EPA Bulletin

EPA (Educational Planning & Administration) quarterly bulletin was started in April, 1978 by the National Staff College

in fulfilment of one of its objectives for providing information and ideas on training, research and extension in the field of educational planning and administration to the planners and administrators in the field of education. During the year three issues of the EPA bulletin have already been printed and the December issue is with the press.

(ii) Annual Reports of the Staff College for the years 1976-77 and 1977-78 and their Hindi versions.

(iii) Reports of the Survey of Educational Administration in : Assam; Bihar; Kerala; Maharashtra; Nagaland and West Bengal.

E. Bilateral/Foreign Collaboration Programme

Shastri Indo-Canadian Institute, New Delhi

Thirteen fellows/language trainees came to India during 1978-79 to conduct research in humanities or to study Indian languages under the Fellowship Programme of the Institute.

Under the Summer Programme of the Institute for 1978, a group of 17 Canadian University students and High School teachers came to India during July-August 1978 for six weeks.

Indo-USSR Cultural Exchange Programme

Forty-one Russian teachers were assigned to various Indian Universities/Institutions during 1978-79 for teaching the Russian Language and literature.

United States Educational Foundation in India

Forty-seven American scholars/students came to India during 1978-79 for teaching assignments and post-doctoral and doctoral research under the Foundation's auspices. A number of Indian scholars proceeded to the USA during 1978-79 for teaching and research work in Universities and Colleges in the USA.

Short-term Group Educational Programmes of US Universities/Colleges

Under this programme, a number of groups of academics including professors, teachers, educational administrators from the USA came to India to acquaint themselves with the latest developments in the field of education and understand in depth the life and culture of India, the ultimate object being to dovetail the knowledge obtained in the Indian system of education, life and culture in the courses of study on India being taught in the US Schools and Colleges. These group programmes are organised in close collaboration and supervision of Indian universities/institutions of higher learning. During 1978-79 ten groups consisting of 20-30 members each, came to India for periods ranging 2-3 months.

Berkeley Professional Studies Programmes in India

Under this programme, the University of California at Berkeley deputs its students for study/internship in professional fields in Indian institutions. During 1978-79, 13 students from Berkeley came for study/internship in the fields of medicine, law, engineering, textiles, architecture, agriculture forestry and business management.

American Institute of Indian Studies

The American Institute of Indian Studies was established in India in 1962 to encourage research in India in humanities and Social Sciences by doctoral and pre-doctoral scholars in American Universities.

The Institute awarded Fellowships (Faculty/Junior/Adhoc/Short-term and language) to 153 scholars during the academic year 1978-79 for doing research on various Indian topics. Projects of six scholars of its member Institutes were approved for research work in India.

American Studies Research Centre, Hyderabad

The American Studies Research Centre, Hyderabad is designated to make available its facilities to scholars and students of American studies. The Centre has been permitted to allow scholars from neighbouring Asian countries also to avail themselves of these facilities at the Centre provided the US field rupee funds in

India are not utilised for the purposes. Government of India gave a grant of Rs. 1,60,680 for the construction of its building during 1978-79.

Foreign Scholars visiting India for doing Research

Foreign scholars from the following countries came to India during 1978-79 for doing Doctoral and Post-doctoral research work on their own or on grants from their Universities etc. (1) Japan, (2) USA, (3) West Germany, (4) Canada, (5) U.K., (6) France, (7) Denmark, (8) Fiji, (9) Holland, (10) Australia, (11) Austria, (12) Belgium and (13) New Zealand.

F. Other Activities

Revision of Scales of Pay of University and College Teachers

On the recommendation of the University Grants Commission, the Government of India had approved a scheme of revision of scales of pay of university and college teachers with effect from January 1, 1973. The scheme was communicated to the State Governments in November, 1974 for consideration and acceptance. The Central Government also decided to offer financial assistance to the State Governments to the extent of 80 per cent of the additional expenditure involved in giving effect to the revised scales. It was also suggested that the State Governments could, after taking local conditions into consideration, introduce scales of pay lower than those recommended by the Central Government and implement them from a date later than January, 1973. In any case, Central assistance for the scheme would be admissible only upto 31-3-1979.

The Governments of Assam, Andhra Pradesh, Bihar, Gujarat, Haryana, Himachal Pradesh, Maharashtra, Manipur, Meghalaya, Nagaland, Orissa, Punjab, Rajasthan, Tamil Nadu, Tripura, Uttar Pradesh and West Bengal have already implemented the revised scales recommended by the Central Government. The Governments of Jammu and Kashmir and Karnataka have sanctioned these scales for university teachers only. The Government of Madhya Pradesh had introduced certain modified scales from 1-1-1973 but are presently considering the possibility of introducing the UGC scales from 1-1-1978. The proposals of the Governments of Jammu and Kashmir, Karnataka, Madhya Pradesh, Rajasthan and Tamil Nadu for sanctioning Central

assistance are under consideration. The proposals of the Government of Kerala did not conform to the Central scheme and were not accepted.

During 1977-78, a sum of Rs. 900 lakhs was released to the State Governments for implementation of the scheme.

Rural Higher Education

Central grant totalling Rs. 0.47 lakh was released to the Rural Institute for meeting the Central share of expenditure during the period ending December, 1978.

144 students from Rural Institutes took their examination in various courses under the aegis of the National Council for Rural Higher Education held in April, 1978. Of these 133 were declared successful.

Special Cell for Scheduled Castes/Scheduled Tribes

In pursuance of the recommendations of the Committee on the Welfare of the Scheduled Castes/Scheduled Tribes, contained in its 42nd Report, a Special Cell was set up in January, 1977, in the University Division of the Department of Education to ensure proper implementation of Government orders on reservation for Scheduled Castes/Scheduled Tribes by the University Grants Commission/Universities in the matter of appointments and admissions.

During 1978-79, the Cell attended to a large number of representations received from individuals and others regarding discrimination against persons belonging to Scheduled Castes/Tribes in the matters of admission and recruitment in the Universities as also the UGC.

With a view to implementing the various orders issued in this behalf, the Cell devised, in consultation with the Commissioner for Scheduled Castes and Scheduled Tribes, two proformae for collection of information by the UGC relating to reservations etc., so that the causes and factors coming in the way of making adequate provisions for reservations/relaxations for Scheduled Caste/Scheduled Tribe students in universities etc. could be investigated and immediate effective remedial action taken. These forms have been sent by the UGC to the different universities for collection of the necessary information.

CHAPTER III

TECHNICAL EDUCATION

In the development of technical education each Five Year Plan was characterised by major stress on certain aspects. Up to the end of the Third Plan, the main emphasis was on expansion, infrastructure development, promotion of post-graduate education and research. During the Fourth Plan there was selective expansion in post-graduate education and an attempt to consolidate other programmes. In the Fifth Plan, the effort was mainly directed towards consolidation, diversification, faculty development, industry-institution, collaboration and curriculum development. Like 1977-78 the emphasis was laid on the following programmes specially, in the first half of the current year :

- (1) Development of Postgraduate Studies and Research ;
- (2) Establishment of Linkage between technical institutions and industry ;
- (3) Linkage of technical education with manpower requirements ;
- (4) The programme of Apprenticeship Training to train the graduate and diploma holders in the engineering and technology for gainful employment ;
- (5) Consolidation of existing engineering colleges and polytechnics ;
- (6) Faculty Development through training programmes ,
- (7) Curriculum Development ;
- (8) Diversification of Courses ; and
- (9) The Development of Management Education

As a logical step in the direction of growth, it was now necessary to re-organise some of the activities and to identify programmes that need to be supported and promoted in the context of future needs of the country.

Setting up of a Working Group

In November, 1977, the Ministry of Education and Social Welfare, Government of India, set up a Working Group for Technical Education to review the present status of the nation's needs during the coming decade and to suggest re-orientation and improvements to the existing programmes. At the first meeting of the Working Group in November, 1977 the following five subjects were identified which required in-depth study and which could form the basis for further deliberations: "Technical Manpower", "Research and Development", "Diversification and Redesigning of the existing Programme", "Quality Improvement Programme" and "Industry Institutional Collaboration". The Group finally met in January, 1978 to finalise the recommendations. Working Group recommendations as finally endorsed by the All India Council for Technical Education, at its meetings held in February, 1978 are given below :—

Manpower Need

- (1) Within the approved annual intake capacity each institution should increase the supply of technical manpower by improving the efficiency and effectiveness of educational processes. Shifts in the intake capacities between disciplines may be effected to cater to the emerging manpower needs.
- (2) All new courses should be based on well-established and well-defined manpower needs.
- (3) A reliable information system is a pre-requisite to planning, especially, in the field of technical education and training. A National Manpower Information System should be established with a lead centre in the Institute of Applied Manpower Research for the storage, updating, retrieval and analysis of manpower information to assist technical education planning. The Institute of Applied Manpower Research should be suitably strengthened for this purpose with provision of requisite facilities.

Measures for Improvements

- (4) Credit System with provision for multi-point entry in part-time and full-time programmes should be introduced.

- (5) Industrial and rural development problems be identified and a greater emphasis on research programmes, to tackle such problems, be given in keeping with the national needs. Technical education institutions having the potential and capability to undertake problem-oriented and application-oriented programmes be selected and properly supported to facilitate substantial contribution to rural and community development.
- (6) Institutions be encouraged to set up Consultancy Centres to promote Consultancy Activities.
- (7) Relevant Management Education be integrated with professional courses at degree and diploma levels.
- (8) Courses in Management Education be restructured to provide for managerial manpower for small and medium sized industry as also for sectoral needs such as transport, power, health, education and agriculture, cooperation and cooperative banks.
- (9) Selected Polytechnics act as focal points to promote transfer of technology to the rural community. Such Polytechnics should be designated as 'Community Polytechnics' and adequate support provided.
- (10) Selected Polytechnics should be given central assistance to conduct advanced technical programmes.
- (11) Support be provided to strengthen the work of Curriculum Development and Research related to problems of technical education.
- (12) In addition to minimum academic qualifications laid down by All India Council for Technical Education, one year's industrial experience for lecturers and two years for senior staff is considered desirable. All recruitment should be strictly on merit, by open competition and on all-India basis, subject to reservation because of constitutional requirements.
- (13) To ensure high quality performance, appropriate measures be taken for providing the necessary facilities. In this context the feasibility of making appointments to senior teaching posts (i.e. Professors and Heads of Institutions) on contract basis for five years, renewable after assessment be considered.

- (14) Personal Promotion Schemes should be established to enable promotion of deserving young faculty stagnating at a particular level. Such promotion be restricted to 20 per cent of the sanctioned strength.
- (15) An appropriate staff appraisal scheme based on a methodology acceptable to the faculty should be introduced. This would also enable identification of the needs of staff development.
- (16) Facilities for Masters' degree training under the Quality Improvement Programme be progressively reduced. Considering the number of teachers involved, provision for Doctoral Programme under QIP be increased to enable 250 teachers every year to enrol for Doctoral Programmes.
- (17) Provision be made to organise short-term courses for Polytechnic and collegiate teachers in educational technology.
- (18) Selected Engineering Colleges should organise under Quality Improvement Programmes three-year courses to enable Polytechnic teachers with diploma qualification to get Bachelor's degree.
- (19) Polytechnic teachers should be sponsored under the Quality Improvement Programme for industry oriented post-graduate diploma/degree courses organised for the purpose.
- (20) In order to ensure purposeful and meaningful interaction and collaboration between industry and institutions, "Fellowship" in the institution for willing and capable personnel from the industry be instituted. Similarly, 'Residency' for institutional faculty be provided in the industry on the lines of Quality Improvement Programmes. Additional budgetary provision on staff to the tune of 20 per cent should be made to finance these schemes.
- (21) Admission to both degree and diploma courses be on the basis of carefully designed entrance tests. These tests should be conducted State-wise common to all institutions.
- (22) In order to reduce drop outs and other forms of wastage, it is necessary that special efforts in the form

of remedial courses be carried out in the initial stages to help weaker students.

- (23) Flexible programmes of continuing education through part-time/full-time courses be introduced at all levels for serving personnel.
- (24) Representation be given to students in bodies concerned with framing the curricula.
- (25) Schemes for training of technical supporting staff be started under "Quality Improvement Programme."
- (26) To ensure better and more effective library services, qualified and trained library staff be provided.
- (27) Adequate support be given to institutions to organise Audio-Visual and Reprographic Services.
- (28) On an experimental basis, Learning Resource Centres be established in a few selected institutions.
- (29) The replacement of laboratory equipment which have become obsolete due to technological and curricular changes be examined. Laboratories be modernised with relevant, and versatile equipment with more instructional potential.

Management of the System

- (30) The tasks of planning and organising Technical Education from the level of craftsmen to that of technologists be brought under a single National Agency both at the Centre and States to ensure balanced development through an integrated approach.
- (31) It is essential to optimise the utilisation of available resources and provide impetus to all the Centres engaged in Post-Graduate Programmes and Research. The Planning, organisation and prescription of norms for post-graduate and research programmes conducted at universities, Indian Institutes of Technology, Indian Institutes of Management and affiliated colleges should be coordinated by the Board of Post-graduate Engineering Studies and Research of the AICTE.
- (32) The organisation of short-term courses under QIP be coordinated.

- (33) The Regional Boards of Apprenticeship Training be adequately staffed and strengthened with a view to ensuring purposeful planning and supervision of Apprenticeship Training Programmes.
- (34) The Directorates should have organs dealing with Manpower Assessment, planning, coordination, controlling, monitoring and evaluation of technical educational programmes. Reorganisation of Directorates to enable them to perform these professional functions effectively be undertaken as a matter of urgency.
- (35) Administrative autonomy and powers of financial control be given to all technical institutions including Government institutions by bringing them under suitably constituted governing councils. Academic autonomy be given to institutions on a selective basis.
- (36) The concept of 'Adoption of Polytechnics' by industry already recommended by the All India Council for Technical Education be pursued.
- (37) Short-term courses under Quality Improvement Programme in educational management be organised for training heads of institutions and Heads of Departments.
- (38) Setting up a Staff College for Technical Educators be examined by an Expert Committee.
- (39) Maintenance of uniform standards in technical institutions in the country is the constitutional responsibility of the Central Government. It is, therefore, necessary to coordinate and strengthen existing evaluation agencies.
- (40) To ensure effective implementation of policies and programmes of the Council, measures other than making it statutory, may be considered for the present.

Financing of Technical Education

- (41) The Plan allocations for Technical Education should be commensurate with the developmental outlay of the other user departments, since technical education is developmental investment.

- (42) To provide the necessary incentive to industry expenditure by industry on technical education including Management Education be deductible for purposes of Income Tax Assessment.
- (43) The System of making available the Central Government's share for approved schemes directly to the institutions should be restored.

Action on a majority of the recommendations is required to be taken by the State Governments and Engineering/Technological Institutions. They have been requested to implement the All India Council for Technical Education recommendations as early as possible. Action on some of the important recommendations is being pursued in this Ministry also. Progress of important schemes is given below :—

1. Direct Central Assistance to Engineering and Technological Institutions

Two Committees to identify Engineering Colleges and Polytechnics for Direct Central Assistance has been constituted. These Committees have selected 35 colleges and 28 Polytechnics for giving assistance for filling the gaps in existing laboratories and workshops in engineering colleges and to provide assistance for new schemes such as Production Centre, Audio Visual Aid Simulation Workshops etc. in Engineering Colleges and Polytechnics selected for this purpose. The total expenditure involved in these recommendations is of the order of Rs. 250 lakhs. Twenty five per cent of this expenditure is to be shared by the respective State Governments. A provision of Rs. 220 lakhs is being made under the Annual Plan 1979-80.

2. Community Polytechnics

As recommended by the All India Council for Technical Education, some Polytechnics which have shown initiative to inter-act with environment by organising programmes and activities to meet the needs of the Community are to be selected as focal points to promote transfer of technology to the rural sector. These Polytechnics are to be called 'Community Polytechnics'. The Expert Committee constituted to identify such institutions has already met and selected 28 Polytechnics to be developed as 'Community Polytechnics'. Proposals from some institutions are still under consideration. The total amount involved in the Polytechnics selected so far is about Rs. 13 lakhs.

3. Advanced Technician Courses

As recommended by All India Council for Technical Education on the basis of the Report of Working Group on Technical Education selected polytechnics will be given central assistance to conduct advanced level Technician Programmes. In order to work out the necessary details and to prepare a complete project report for organising these advanced level technician courses at the selected polytechnics a committee has been constituted by the Chairman, All India Council for Technical Education. Further action will be taken on receipt of the Report of this Committee, which is awaited.

4. Quality Improvement Scheme

As recommended by the All India Council for Technical Education, a Committee has been constituted to formulate supplementary Quality Improvement Programmes to enable polytechnic teachers to join industry oriented postgraduate/degree courses and to improve their academic qualifications. The Committee constituted to identify institutions which can offer facilities for continuing education programme for polytechnics teachers is working on the following schemes :—

- (i) three year degree courses for polytechnics teachers having diploma qualifications ;
- (ii) one year industry-oriented postgraduate diploma course for polytechnics teachers ;
- (iii) three months postgraduate diploma course in education technology/management for polytechnic teachers.

The Committee's final recommendations would be made available shortly. Action will be taken on the recommendations as soon as these are available.

As regards the existing Quality Improvement Programme, the progress of various schemes is as given below :—

The programme of Quality Improvement was initiated in 1970-71 with a view to improving the quality and standard of Technical Education system in India. The following programmes are being conducted including Faculty Development, Curriculum Development, Preparation of Instructional Material, Textbooks and Laboratory Development :

(1) 2 Year M. Tech. Programme. (2) 3 Year Doctoral Programme. (3) Short Courses at Quality Improvement Programme Centres. (4) Short-Term Training in Industry. (5) Summer Institute Programme through ISTE. (6) Curriculum Development.

The Programme is implemented/carried out by the Technical Education Bureau at 5 Indian Institutes of Technologies, University of Roorkee, Indian Institute of Science, Bangalore and some other Colleges and Polytechnics, Technical Teachers Training Institutes etc. The Directors of Technical Education in the States and Indian Society for Technical Education and Ministry's Regional Offices are also involved in implementation of these programmes.

In 1978-79 the target was to retain 80 fresh teachers for M. Tech. and 120 Ph. D. in addition to these continuing from previous years. Under the Summer School Programme 1200—1400 teachers were proposed to be trained. Final figures are awaited. Similarly under Curriculum Development Programme 14 Groups were to be organised. Short-term courses were to be organised within the prescribed financial limit.

5. Board of Assessment for Educational Qualifications—Recognition of Educational Qualification

The Board of Assessment for Educational Qualifications under the Chairmanship of the Chairman, Union Public Service Commission, advises Government of India, in all matters relating to the recognition of degrees/diplomas, etc. awarded under the Central Government. During the year 1978, two meetings of the Board have been held.

6. Programme of Apprenticeship Training

The Programme of Apprenticeship Training, covered by the Apprentices (Amendment) Act 1973, for providing practical training facilities to fresh Engineering Graduates and diploma holders to condition them for gainful employment is being continued through the four Boards of Apprenticeship Training located at Kanpur, Bombay, Calcutta and Madras.

As on 30th November, 1978 the total number of seats available for training to graduate apprentices is 12,622 and for diploma holders 15,431 (total 27,963). Against these seats 5,907 graduate apprentices and 9,649 diploma holders (total 15,556) trainees have been posted.

7. Indian Institutes of Technology

The 5 Indian Institutes of Technology at Kharagpur, Bombay, Madras, Kanpur and Delhi were established with the prime objective of imparting education and training of a very high standard in engineering and applied sciences, and to provide adequate facilities for post-graduate studies and research. Over the years, these objectives have been expanded to provide for quality improvement programmes, curriculum planning, faculty development, inter disciplinary research, inter-institutional collaboration, consultancy services etc.

The Institutes offer five-year under-graduate programmes leading to Bachelor's degree in Technology in various fields of engineering and technology. In Science, they conduct integrated Master's degree courses of 5-year duration in Physics, Chemistry, and Mathematics. The post-graduate programme consist of two-year courses leading to M. Tech. Degree in specialised fields and one year diploma courses in selected areas. They also offer Ph. D. in different branches of engineering, science, and humanities and social sciences. Several advanced centres of training and research have been set up in the 5 Indian Institutes of Technology.

The student strength and out-turn of the five Institutes during 1978-79 were :—

	Under-Graduate	Post-Graduate	Research	Total	Out-turn
Kharagpur	1420	779	208	2407	583
Bombay	1303	625	345	2273	470
Madras	1149	520	537	2206	547
Kanpur	1186	506	353	2045	306
Delhi	1097	573	537	2207	448
	6155	3003	1980	11138	2354

During 1978-79, the Institutes expanded their infrastructural facilities considerably and made substantial progress in acquiring new sophisticated research equipment, starting new inter-disci-

plinary academic programmes and pursuing research and consultancy services. The Institute also intensified their activities in the area of continuing education by organising a large number of short-term courses, long-term courses, symposia and workshops for the benefit of students, working engineers, technologists and scientists from all over the country.

Some of the salient points of performance and projections in respect of each of the Indian Institutes of Technology are given below.

Indian Institute of Technology, Kharagpur

During the year, the Institute either completed or initiated more than 100 sponsored research schemes and about 80 consultancy projects. In addition, the Institute financed about 350 research schemes and brought out 276 research publications. Apart from this, about 190 papers were either presented or accepted for presentation in conferences and seminars.

The Rural Development Centre of the Institute intensified its activities in the area of transfer of technology. The Cryogenic Centre started production of liquid nitrogen. Fabrication of a prototype 100 litre liquid nitrogen storage vessel is in progress. An Ocean Engineering sub-Centre is being developed under the Naval Architecture Department. The new facilities provided include ceramics laboratory, aircrafts fuel testing laboratory, solar energy laboratory and a radion isotope laboratory. New Post-graduate diploma courses in Computational Mathematics and Computer Programming and in Mineral Beneficiation were introduced.

Indian Institute of Technology, Bombay

The Institute made considerable progress in its research and development programmes. The earnings through sponsored research projects went up to Rs. 23,70,426/- as against Rs. 14,12,598/- last year. There was further progress in the establishment of the Regional Sophisticated Instruments Centre (RSIC). The Centre for Studies in Resources Engineering (CSRE) undertook many useful research project.

The Institute started two more inter-disciplinary courses at the M. Tech. level environmental science and engineering and system and control engineering. A new two-year course in mathematics with specialisation in computer science and a new

DIIT course in foundry technology were also started during this year.

Indian Institute of Technology, Madras

During 1977-78, the Industrial Consultancy Centre undertook over 1,000 assignments at a total cost of about Rs. 18.00 lakhs which was an increase of about 50% over that of last year. The Institute had as many as 119 projects sponsored by various organisations. In addition 16 Indo-German projects and 12 projects under Ocean Engineering Centre were also on. The number of patents take applied for by the Institute was 57.

The Centre for Policy Studies has planned to undertake research activities to identify appropriate technologies capable of up-lifting the masses in rural areas. An Energy Complex combining bio-gas, solar energy and wind power is being set up in a nearby village. A cyclone disaster simulator is being developed as a major time-bound project.

A new M. Tech. programme in building technology and a new B. Tech. programme in Naval Architecture were introduced. A number of existing courses were up-graded and revised. Equipment worth about Rs. 47 lakhs were added on to the various laboratories. Construction of buildings for Ocean Engineering Centre, Water Works System etc. made good progress.

Indian Institute of Technology, Kanpur

The research development and consultancy activities of the Institute registered significant growth during 1977-78. Nearly 100 sponsored projects and about 80 consultancy projects were in operation. The total receipts from sponsored projects amounted to Rs. 27 lakhs, while the total value of consultancy projects came to nearly Rs. 20 lakhs. More than 1000 original research papers were published and/or presented in international and national scientific and engineering journals and conferences. About half a dozen textbooks were published by the Institute faculty bringing the total number of text books published so far to about 30.

It was this Institute which ushered the computer era in the Indian educational scene when it procured IBM 1620 computer way back in 1964. The leadership position of the Institute in this field has been recognised by the Government in allowing the Institute to have a fourth generation computer in 1979.

Indian Institute of Technology, Delhi

A total of 733 projects were either completed or in progress in areas such as solar energy, water resources, utilisation or bio-gas etc. The number of papers published by the faculty/research scholars during the year comes to 420. In addition, they presented 88 papers at various seminars/symposia. The faculty of the Institute also published 24 books. About 92 consultancy jobs were undertaken by the Institute during the year.

Several new courses were introduced during the year. They include **under-graduate and post-graduate** courses in measurements, **non-numeric computation**, **mini-computers** and micro-processors, naval construction, atmospheric services (environmental chemistry) material management, noise engineering etc.

In conclusion, it can be said that in shaping their academic and research **programmes and in breaking new grounds** in development programmes and technology transfer, the Indian Institutes of Technology have ably responded to the new perspectives of national growth and planning.

8. Indian Institute of Science, Bangalore

The Institute continued to be the venue of a number of national and international seminars, meetings etc. Over 200 sponsored research and development schemes and projects were current during the year, which resulted in the publication of 550 papers. The industrial consultancy activities achieved reasonable stability and continued to provide fruitful interactions with industry and outside organisations. During the year under review, the student population, including research scholars in various programmes, varied from 990 to 1040. About 350 students obtained **their degrees/diplomas**. Of these 75 were Ph.Ds.

9. Indian School of Mines, Dhanbad

The School made further progress in becoming an active centre of **dialogue and inter-action** between the various agencies and industries involved and engaged in the extraction and processing of mineral resources. During the year, the school fulfilled many of its ambitious programmes. As many as four new programmes—all specially tailored to the needs of industry were started. In addition, the ground was prepared for starting several more new courses. The continuing education activity got stabilised and the consultancy activity continued its

upward trend. The total student population was 490, of which 91 were under postgraduate programmes. In addition, 34 full-time research fellows registered for grant of M. Tech. and Ph.D. degrees. As many as 115 people registered as external candidates for **grant of M. Tech. and Ph. D. degrees by research.**

10. Asian Institute of Technology, Bangkok

The Asian Institute of Technology, Bangkok set up in 1967, is an autonomous international post-graduate engineering institute governed by an International board of Trustees whose members come from different Asian countries including India. On a proposal received from the Institute for India's association with its academic development, it has been decided to extend assistance from India by donating equipment of indigenous origin worth Rs. one lakh every year and deputing Indian Experts to the faculty of the Institute. During 1978-79, a budget provision of Rs. 6.00 lakhs was made.

11. Regional Engineering Colleges

The fourteen Regional Engineering Colleges set up in various States are making satisfactory progress with regard to consolidation and development. The fifteenth college at Silchar (Assam) has admitted students in November, 1977. While all offer **first degree courses in Civil, Mechanical and Electrical Engineering**, some offer Architecture, Metallurgy Electronics and Chemical Engineering. Ten of these colleges have since introduced post-graduate courses. Of these, nine are conducting **industry-oriented post-graduate courses in specialised fields like design and production of high pressure boilers and accessories, heavy machines for steel plants, transportation engineering, industrial and marine structure, electronic instrumentation, integrated power systems, etc.**

The programme of development of the Regional Engineering Colleges for the Sixth Plan period has been prepared in consultation with the Principals of these Colleges. The emphasis in the development plan is on consolidation of existing facilities, modernisation of laboratories including replacement of obsolete equipment, extension of library facilities and development of student activity centre at each college. The plan of development will be placed before the Advisory Committee for these Colleges at its next meeting for its consideration and approval; the current year plan provision for the development of these colleges is Rs. 3 crores and the non-Plan provision is Rs. 4.36 crores.

12. Grants to Non-Government Scientific and Technical Institutions for Development and Improvement

Under this scheme, grants-in-aid are sanctioned to non-government engineering and technical institutions for their establishment and development of first degree/diploma level education and for various other Schemes of Technical Education such as technical institutions for Girls, Junior Technical Schools etc. Over 100 Institutions have been established/developed since the commencement of the scheme during the first plan period in accordance with the pattern of Central assistance laid down for the purpose. Grants paid to the institutions since the inception of the scheme total over Rs. 10.00 crores. The current year plan provision for the scheme is Rs. 32.00 lakhs. It has been decided to transfer the scheme under the State Sector from the year 1979-80.

13. Loans for Construction of Student's Hostels in Technical Institutions

For provision of hostel facilities for students in technical institutions loans are sanctioned both for Government and non-Government technical institutions to the extent of the cost on 50 per cent of the students population. Loans amounting to Rs. 19.395 crores have so far been sanctioned under the scheme. The non-government institutions represented that the income from hostel fee was too inadequate to repay the loan instalment and the loanees had no other resources to pay off the loan instalments. To ease the difficulties experienced by them, it was decided in 1973 that 50 per cent of the loan already given should be written off and the balance 50 per cent recovered in the remaining number of instalments.

Till 1977-78, 63,224 hostel seats had been provided through these loans. The provision of Rs. 30 lakhs for the year 1978-79 includes Rs. 4.00 lakhs as loan for Government institutions and Rs. 21.00 lakhs as loan and Rs. 5.00 lakhs as grant for non-Government institutions. It has been decided to transfer the scheme under the State Sector from the year 1979-80.

14. Technical Teachers' Training Institutes

The Institutes at Madras, Calcutta, Bhopal and Chandigarh were set up in 1966-67 to (i) provide professional training for teaching Engineering and Technology subjects ; (ii) to provide for

instruction and research in branches of Engineering and Technology and for the advancement of learning and dissemination of knowledge in such branches, (iii) arrange for practical training industry on a co-operative Education Plan. These institutions run a 12 months course for degree holders and 18 months course for diploma holders besides organising short-term-in-service training courses and Curriculum programme under the Quality Improvement Programme.

During 1978-79, till December, 1978, 161 teachers were admitted to the various regular courses. A number of seminars and workshops were also organised. The working of these institutes were reviewed by a committee whose recommendations are in the process of implementation. The Central Government has appointed a Co-ordination Committee under the Chairmanship of the Minister of State to co-ordinate the development of the four Institutes.

15. School of Planning and Architecture, New Delhi

The School was established in 1959 to provide facilities for training and research in rural, urban, regional planning, architecture and allied subjects. It conducts a 5 year full time degree course in Architecture 7-1/2 years part-time diploma course in Architecture and 2 year full time Post-Graduate courses in (i) Architecture (Urban Design), (ii) Town and Country Planning with specialisation in (a) Urban and Regional Planning, (b) Housing and Community Planning and (c) Traffic and Transportation Planning and (iii) Landscape Architecture.

During 1978-79, the School admitted 276 students for the graduate courses and 89 students for the Post-Graduate courses.

16. National Institute for Training in Industrial Engineering, Bombay

This Institute was set up in 1963 with the assistance of UNDP to provide facilities for training in industrial Engineering and allied fields. The Institute conducts a number of short-term courses for industrial executives and a two year Post-Graduate diploma course in Industrial Engineering. It also undertakes consultancy projects relevant to its field of specialisation. The Short-term include Executive Development Programmes and Unit-Based Programmes.

During 1978-79, the Institute admitted 55 candidates to the Post-Graduate Programmes in Industrial Engineering. A number of short-term courses are also scheduled for the year.

17. Indian Institute of Management, Ahmedabad

This Institute was set up in 1962 in collaboration with industry, Ford Foundation and the Government of Gujarat. The objective of the Institute is to provide facilities for training young men and women for management careers, conduct research in management techniques, and to provide for the development of teachers engaged in the field of management practice.

The Institute admitted during 1978-79, 162 students to the two years Post-Graduate programme and 39 students to the Fellowship programme. It plans to conduct 30 Management Development Programmes and 15 Conferences, seminars etc.

18. Indian Institute of Management, Bangalore

This Institute was set up in 1972 in co-operation with the Government of Karnataka with the objective of Training a cadre of high level managerial personnel for the public and private sectors and to conduct research in matters concerning the use of management and allied techniques.

During 1978-79, the Institute admitted 95 students to the Post-Graduate Programme and 12 students to the Fellowship Programme.

19. Indian Institute of Management, Calcutta

The Institute set up in 1962 with the object of training a cadre of High level managerial personnel and to conduct research in the field, continued to run its post-graduate programme with an intake of about 124 students. In the fellowship programme at doctoral level, the Institute continued to admit about 15 students during the current year.

20. National Institute of Foundry and Forge Technology, Ranchi

The Institute was set up in 1966 with the assistance of UNDP/UNESCO to provide facilities for (i) Forge Education and Research in the form of full time courses, vacation courses and the like; (ii) the training of senior executive personnel for Foundry

Institute ; (ii) the training of suitable qualified personnel for industry in the latest production techniques and methods design and development; (iv) conducting Applied Research in the field of Foundry and Forge Technology.

During the year the institute continued to conduct refresher courses benefiting participants from industry.

CHAPTER IV

SCHOLARSHIPS

By way of equalising educational opportunities and providing facilities for higher and specialised education and training to Indian nationals in this country and abroad a number of scholarships programmes are handled by the Ministry of Education, including those offered by other countries. The Ministry also handles quite a few programmes offering scholarships to nationals of other countries on a bilateral basis or otherwise. The programmes can be grouped in three broad categories, namely :

- (a) Scholarships for Indian Students for Study in India.
- (b) Scholarships for Indian Students for Study Abroad.
- (c) Scholarships for Foreign Students for Study in India.

A brief account of these programmes is given below.

A. SCHOLARSHIPS FOR INDIAN STUDENTS FOR STUDY IN INDIA

National Scholarships Scheme

This scheme was started in 1961 and has been continuing from year to year since then with the objective that no brilliant student should be prevented on grounds of poverty from pursuing an academic career. The rates of scholarships under this scheme vary from Rs. 50 to Rs. 125 p.m. depending upon the stage of education and course of study followed by the scholar. The Sixth Finance Commission in its recommendations took into account the financial requirements of the States for scholarships under educational scheme (including this scheme) and provided requisite funds to them at the same level as reached at the end of 1973-74 as part of the committed expenditure of the State Governments. In 1978-79, 21,000 fresh scholarships were awarded under this scheme.

National Loan Scholarships Scheme

Started in 1963-64 with the object of providing financial assistance to needy and deserving students to complete their education, the scheme continued to make steady progress. In 1977-78, 20,000 fresh scholarships were awarded on an all-india basis. Under the rules of the scheme scholars who join the teaching profession or as combatants in the armed forces after completion of their studies are not required to repay the loan while they continue in these professions. In their case, the loan is reduced by one tenth of the original loan for every year of service put in as a teacher or as a combatant until the entire loan is written off. This rule also applies to scholars who die or become incapacitated between or after completion of their studies. On the recommendations of the Sixth Finance Commission the recovery of loan given to scholars up to 31-3-74 is being shared equally between the Central Government and the State Governments.

National Scholarships for the Children of Primary and Secondary School Teachers

This scheme was started in 1961 as a token of the recognition of the services rendered by the school teachers to enable their meritorious children to pursue higher education. In pursuance of the recommendations of the Sixth Finance Commission, the State Governments were provided with funds for its implementation at the level reached at the end of 1973-74. In the first two years following 1973-74, only 500 scholarships (the level reached in 1973-74) were awarded by the State Governments from the funds made available to them. In 1978-79, 250 fresh scholarships were awarded over and above the 500 fresh scholarships awarded from the resources made available to the State Governments.

National Scholarships at the Secondary Stage for Talented Children from Rural Areas

Started in 1971-72 the scheme aims to achieve greater equalisation of educational opportunities and provide a fillip to the development of rural talent. The scheme has continued to make satisfactory progress from year to year. As in the schemes indicated earlier, the Sixth Finance Commission took this scheme also into account while working out the financial requirements of the States for Scholarships and provided them with funds for implementation at the same level as reached at the end of 1973-74 as

part of the committed expenditure of the State Governments. Under it about 15,000 fresh scholarships (@ 3 scholarships per Community Development Block) were awarded in 1977-78. In 1978-79, 20,400 fresh scholarships (@ 4 scholarships per Community Development Block & 2 additional scholarships per Tribal Community Development Block) were awarded under this scheme.

Scheme of Scholarships for Students from Non-Hindi Speaking States for Post-Matric Studies in Hindi

The main object of the scheme is to encourage the study of Hindi in Non-Hindi Speaking States and to make available to the Governments of these States suitable personnel to man teaching and other posts where knowledge of Hindi is essential. Under this scheme scholarships were awarded to students from Non-Hindi-Speaking States for pursuing Post-Matric studies provided Hindi is studied as one of the subjects in that course. Started in 1955-56 the coverage of the scheme continued to increase from year to year. During 1978-79, 2500 fresh scholarships were awarded under this Scheme.

Scholarships in Approved Residential Secondary Schools

The scheme is intended to provide educational facilities to meritorious children of lower income groups who are otherwise unable to avail themselves of the opportunities of studying in good residential schools. 500 candidates of 11-12 years age-group whose parent's/guardian's income does not exceed Rs. 500 p.m. or Rs. 6,000 p.a. are selected for the award of scholarships every year under the scheme. During the current year, approximately 1800 scholars would be studying in 69 approved schools under the scheme. During 1978-79, 500 students are to be selected for the award of scholarships. The selections under the scheme are made on the basis of two Tests—Preliminary Test held by the State Governments/Union Territory Administrations and All-India Final Test conducted by the Ministry of Education.

The scholarship of the selected students are tenable up to secondary education including +2 stage of education under the new pattern of education. The scholarships include the school fees (including board and lodging expenses), books and stationery allowance, uniform and clothing allowance, pocket money, T.A. and other compulsory charges which are paid to/through the school authorities.

B. SCHOLARSHIPS FOR INDIAN STUDENTS FOR STUDIES ABROAD

National Scholarships for Study Abroad

The scheme is intended to provide financial assistance to such students of merit as do not have the means to go abroad for further studies. 50 scholarships are earmarked every year under the scheme, which are normally available for postgraduate studies leading to Ph.D. degree and post doctoral research/specialised training.

Only those candidates whose parental income from all sources is less than Rs. 1000 per month are eligible for these scholarships. 50 students were selected for award of scholarships, during 1978-79. At present about 180 scholars under the scheme are studying abroad. Each scholar is entitled to maintenance allowance at \$ 4,000 per annum in the USA and Canada and US \$ 3,000, per annum in the UK and other countries. Besides, the Government of India also defray tuition fees and other compulsory charges and cost of books and equipment.

Partial Financial Assistance Scheme

The scheme provides for the grant of loan towards international passage costs to such academically distinguished scholars as have obtained admission in foreign universities, institutions, etc. for study in subject-field which are of national importance to India or for which adequate facilities do not exist in India. Emergency loans to *bona fide* Indian students are also given sparingly by our Missions in the USA, the U.K. and West Germany. During 1978-79, such loans were granted to three students.

Scholarships Under Commonwealth Scholarships/Fellowships Plan

Under the 1978 scheme, Canada has accepted 14 candidates and the UK have accepted 30 candidates. Under the 1979 scheme, 2 candidates have been accepted by New Zealand and 4 candidates have been nominated for study in Australia. For the UK, Canada, Jamaica, Malaysia and Trinidad & Tobago, the selections are in progress.

Scholarships/Fellowships offered by Foreign Governments/Organisations/Institutions

For the year 1978-79, Austria has accepted six candidates, Belgium 7, Czechoslovakia 6, Comeron 1, Denmark 8, FRG 7, France 13, Italy 3, Japan 8, Netherlands 15, Norway 3, Sweden 3 and the USA 5. Three candidates have been nominated for Bulgaria, 21 for GDR, 6 for Greece, 16 for Poland, 7 for Turkey and 7 for Yugoslavia. Their final acceptance is still awaited. For 1979, 14 candidates have been nominated for study in the FRG.

For the UK the position is as follows :

Under the British Technical Cooperation Technical Training Programme, 8 short term awards have been utilised. 21 candidates have also been nominated for awards under 'Educational Links'. Under the British Council Scholarships, 6 awards have been utilised. Under the Confederation of British Industry Scholarships, 5 awards have been utilised. Under the Miss Agatha Harrison Memorial Fellowships, 3 scholars have been nominated. Under the Nehru Memorial Trust Scholarships, 2 nominations have been made. Under the Science Research Scholarships of the Royal Commission for the Exhibition of 1851 and Rutherford Scholarships of the Royal Society, one scholar was nominated, but was not finally accepted by the Royal Commission.

For the USSR, the position for 1978-79 is as follows :

Under the scheme for Post-graduate studies/research/higher specialisation, 68 scholarships were offered by the Soviet Government. 10 scholarships were allocated for the children of Indian residents in the USSR. Out of 31 candidates recommended, 15 candidates have been accepted. Against an offer of 15 scholarships by the Patrice Lumumba Friendship University, Moscow, 12 candidates have been accepted.

C. SCHOLARSHIPS FOR FOREIGN STUDENTS FOR STUDY IN INDIA

General Cultural Scholarships Scheme

Under the scheme, 180 scholarships are awarded every year to nationals of Africa, Asia and other foreign countries. The scheme is designed to promote friendly relations between India and other countries and to provide for the nationals of selected

countries all such facilities for higher education as are available in India. During 1978-79, 180 scholars were selected out of whom 135 scholars joined educational institutions in India. Scholarships were awarded in the fields of Agriculture, Engineering and Technology, Medicine, Pharmacy, Arts and Humanities. At present, 755 scholars from various countries are studying in India under the scheme.

Scholarships and Fellowships for Nationals of Bangladesh

Under the scheme of assistance to Bangladesh in operation since 1972-73, the Government of India provide facilities to Bangladesh nationals for study in certain specialised subjects in India. Against the offer of 100 scholarships for 1978-79, 54 scholars have joined educational institutions in India. Presently there are 156 scholars from Bangladesh studying in various educational institutions in India in the fields of Medicine, Engineering and Technology, Agriculture, Fine Arts and Sports.

Special English Course for Foreign Students

The Ministry of Education and Social Welfare organises a special English course annually for such foreign students as are not sufficiently proficient in English. The last such course was conducted at the Regional Institute of English, Chandigarh, from March to June, 1978. 29 scholars selected under the General Cultural Scholarships Scheme, 1978-79 took advantage of this course besides a large number of foreign self-supporting students who also attended this course.

Scholarships for Foreign Students for Study/training in India

(a) *Indo-A.R.E. Cultural Exchange Programme, 1978-79* : Six scholars came to India. One of them has returned.

(b) *Indo-Iraqi Cultural Exchange Programme, 1978-79* : Three scholars came to India. Two have returned.

(c) *Indo-Soviet Cultural Exchange Programme, 1978-79* : Ten Scholars are pursuing studies in India.

(d) *Commonwealth Education Cooperation Plan (Training of Craft Instructors, 1978-79)* : Nine scholars are undergoing training under this scheme.

(e) *Commonwealth Scholarship/Fellowships Plan, 1978-79* : 19 Scholars from different Commonwealth countries have joined their institutions.

(f) *Indo-FRG Cultural Exchange Programme, 1978-79* : Three scholars are studying in India.

(g) *Indo-French Cultural Exchange Programme, 1978-79* : 8 scholars are studying in India.

(h) *Indo-Senegalese Cultural Exchange Programme, 1978-79* : Three scholars are studying in India.

(i) *Reciprocal Scholarships Scheme, 1978-79* : One scholar is pursuing studies in India.

(j) *Indo-Afghan Cultural Exchange Programme, 1978-79* : Ten scholars came to India. Two of them have gone back.

(k) *Indo-Polish Cultural Exchange Programme, 1978-79* : Three scholars are studying in India.

(l) *Indo-Yugoslav Cultural Exchange Programme, 1978-79* : Two scholars are studying in India.

(m) *T.C.S. Colombo Plan, 1978-79* : 45 trainees have joined institutions to pursue their studies in India.

(n) *Special Commonwealth African Assistance Plan* : 2 Scholars are studying in India.

(o) *Commonwealth Fund for Technical Cooperation* : Under this scheme, this Ministry helped in arranging admissions of Zimbabwean and Namibian candidates on behalf of the Ministry of Finance. Out of six candidates who desired to have pre-qualification courses, two were admitted.

CHAPTER V

BOOK PROMOTION AND COPYRIGHT

With the expansion of educational facilities in the country, the demand for books has intensified both in terms of quality and quantity. Books in greater number as also books on various topics, have to be produced and made available to the public at moderate prices. With this in view, this Ministry has taken several measures towards the production and promotion of books. Some of the more important programmes undertaken in this regard are briefly described below :

NATIONAL BOOK TRUST

In furtherance of its objectives, the Trust has been bringing out books in Indian languages as well as in English, covering a wide variety of topics in the fields of education, science, literature, art, philosophy, history and culture. The Trust has also been organising annual Book Fairs on a national basis and regional book exhibitions. Further, the Trust has been organising seminars, symposia, workshops and training courses on problems connected with the writing, translation, publication, distribution and promotion of books, with the objective, inter alia, of encouraging publishing of language books in the country. Besides, the Trust has served the needs of the student population by subsidising the publication of a large number of books useful as text books or supplementary reading at the University level.

The bulk of the Trust's publishing programme is in the following series : India—the Land and the People, National Biography, Popular Science, World of Today, Folklore of India and Young India Library, besides a number of books of general nature outside such series. The Trust has made a beginning by publishing, in collaboration with the Adult Education Directorate, some books meant for neo-literates in a few Indian languages. During 1978-79 the Trust has so far, i.e. till December, 1978 brought out 42 titles bringing the total number of publications so far brought out to 862, a large

majority of them in Hindi and Indian languages. The Trust is now more determined than ever before to make a serious effort to locate new authors who could write in their respective languages, original books on several specific areas of human knowledge and endeavour with special reference to the Indian context. During the remaining period of the year, the Trust proposes to bring out 50 more titles.

The Trust has so far organised 9 National Book Fairs in important metropolitan centres of India. The Ninth National Book Fair held at Bangalore from 29th December, 1978 to 7th January, 1979, was the largest ever National Book Fair. Over 200 publishers and booksellers from the public and private sectors participated in the Fair. The Fair, for the first time, exhibited books of interest to neo-literates. Another special feature of the Fair was a colourful exhibition of select books for children, which was organised in the context of the International Year of the Child. The Trust has also organised 80 regional book exhibitions so far and proposes to organise 5 regional exhibitions and regional book fairs during the year.

As part of its programme of holding seminars on the theme of 'Publishing in the Next Decade' the Trust during the year organised four seminars on publishing in Telugu, Marathi, Assamese and Oriya languages. The Trust proposes to organise one more seminar during the remaining period.

In addition the Trust has been implementing the special projects, namely, the Aadan-Pradan Programme and the Nehru Bal Pustakalaya, related to national integration and providing communication channels on an inter-regional and inter-linguistic basis by the translation of outstanding books in one language into other Indian languages.

(a) *Aadan Pradan*

Under this project, ten outstanding books from 12 major Indian languages, are translated and published in all the other 11 languages, so that the readers of one linguistic region understand and appreciate the way of life and creative works of other regions and thus promote inter-regional understanding.

During 1978-79, till the end of December 1978, 20 titles have been brought out, bringing the total number of titles brought out under the Scheme to 406. During the remaining period of the year, 25 more titles are expected to be brought out.

(b) Nehru Bal Pustakalaya

Under this Scheme, the Trust brings out attractively designed and illustrated supplementary reading material for children, with national integration as the underlying idea. During the year so far, till December, 1978, 13 titles have been published bringing the total number to 520 titles, 13 more titles are expected to be completed by March 1979.

The Trust has taken several steps to improve its sales performance. Some of the corrective measures taken by the Trust in the recent past are diversification of their sales outlets all over the country and appointment of field representatives to work in specific areas. The Trust also opened a Book Shop in New Delhi and a Book Centre each at Hyderabad and Calcutta. The opening of more Book Centres is under active consideration. Besides the Trust is intensifying its publicity campaign. As a result of various measures taken it is expected that the sales performance during the current year will be better than that of 1977-78. Even during 1977-78 the value of the sales of Trust's publications was nearly Rs. 26 lakhs which was almost double that of the sales figures of 1973-74.

Scheme of Subsidised Publication of University Level Books in English

During 1978-79, till the end of December, 1978, the publication of 24 books has been subsidised, bringing the total number of books subsidised under the Scheme, to 259. About 40 more books are expected to be brought out under the Scheme during the remaining period of the current year.

The Scheme is being implemented in such a manner as to ensure that only such books which primarily meet the educational needs of the students are subsidised. The Scheme is also being so modified in, that priority is given to books in subject areas where there are gaps. It is also proposed to frame panels of experts to identify the subject areas where either there is an acute shortage of standard books or where books available are highly priced and are therefore beyond the reach of the average student.

Publication of Low-Priced Editions of University Level Books of Foreign Origin

With the objective of making available to our university students, low priced editions of standard university books and

reference material of foreign origin, three programmes are being operated in collaboration with Governments of the UK (English Language Book Society Series, since 1960), the USA (Joint Indo-American Standard Works Programme, since 1961) and the USSR (Indo-Soviet Text-book Programme, since 1965). The books brought out under all the three programmes are approved by the Government of India in consultation with expert agencies such as UGC, the ICAR, the DGHS etc. Apart from their suitability, the books selected have to meet the test that comparable books by Indian authors are not available. Only the latest editions of the selected titles are taken up for publication under these programmes.

While under the UK and the USSR Programmes, the selected books are published in the respective countries and imported into and marketed in India through the normal trade channels, under the Indo-American Standard Works Programme, the selected books are published in India in low-priced editions by Indian publishers with a suitable subsidy from the USIS and marketed through the normal trade channels. The prices of the books reprinted under these programmes are 1/3rd to 1/5th of the original standard editions.

So far about 680 British, 1600 American and 320 Soviet titles have been brought out under these programmes.

Moves are also afoot to have consultations with the Governments of the GDR, FRG, Poland and Hungary for developing similar translation and publication programmes.

As part of the Indo-Soviet Text-book Programme, a scheme of award of scholarships is being implemented since 1970-71, in order to augment the facilities for translation of Russian university level books in various subject fields into English/Indian languages for use of Indian students. Under this scheme, scholarships are annually awarded to about 5 Indian scholars in different disciplines to enable them to receive training in the USSR in translation techniques. So far, 27 Indian scholars have received the training. With the help of two of these scholars, 2 Soviet Technical books have been got translated into English which the Soviet authorities have agreed to suitably edit and publish in the USSR under the Indo-Soviet Programme. They are expected to be published shortly. Preliminary selection of Indian scholars have been made for the award of scholarships for 1978-79.

The Indo-Soviet Text-book Board was set up in 1965, with the Union Education Secretary as Chairman and five members each from the Soviet and Indian sides, to lay down the broad policy for the implementation of Indo-Soviet Programme and to monitor its progress. The Board held its tenth meeting at New Delhi in January, 1978.

Procurement of Translation Rights

As part of their programmes to produce University-level books in Indian languages, the State Governments have been bringing out translations into Indian languages of suitable foreign books. To facilitate the work of obtaining translation rights from foreign copyright owners in regard to books selected by the State Governments and to provide co-ordination, the Copyright licences are negotiated centrally on behalf of the State Governments. During 1978-79, 17 contracts for translation rights were executed, bringing the total 1446 contracts with the American, British and other foreign publishers.

National Book Development Board

The National Book Development Board was set up in 1967, and reconstituted in 1970, as an advisory body to lay down the guidelines for the development of the Indian book industry and trade in the context of the overall requirements of the country.

The Board has not yet been reconstituted.

However, the implementation of the various recommendations made by the Board earlier, is being pursued.

IMPORT AND EXPORT OF BOOKS

Import policy for Books

The Import Policy for all items is announced by the Department of Commerce every year. As far as the Import Policy for books, journals, magazines, children's literature and other teaching materials is concerned, the Policy is formulated in consultation with this Ministry.

During the year 1978-79, the Import Policy for books etc. was substantially rationalised and liberalised, and consi-

derable simplification of the procedures was also effected. In keeping with the spirit of free flow of information and knowledge, import of Educational, Scientific and Technical books and journals, News-magazines and Newspapers was placed on the Open General Licence and all persons were allowed to import these items without the necessity of an import licence. This facility was subject to the condition that for importing more than 2000 copies of a single title, permission of this Ministry was required. Import of foreign editions of books for which the latest editions of Indian reprints are available were not allowed. These restrictions were imposed in the interest of the development of the indigenous book industry. Books, magazines and journals containing pornographic material or depicting sex, violence etc. were also not allowed for import.

Recognised educational, scientific, technical and research institutions etc., were allowed to import specified categories of teaching-aids under the Open General Licence.

In the previous year import licences were divided into several categories like basic quota, supplementary licence and additional supplementary licence and so were the importers e.g. established importers, newcomers and actual users. These distinctions were done away with and dealers in books whose purchase turn-over during 1977-78 was Rs. 3 lakhs or more were made eligible to apply for the grant of import licences on the basis of 10 per cent of their purchase turn-over. Import of books other than those covered by the Open General Licence, fiction, non-technical magazines, Children books and teaching aids were allowed for import under the import licences. The importers were free to import any of these categories of books without any percentage restriction as applicable previously. Recognised schools, colleges and libraries were also allowed to apply for the grant of import licence for the import of books not covered under the Open General Licence up to a value of Rs. 10,000 per year per institution. Such licences were valid for the import of the same type of books and other items as that set down for dealers under the licences.

The concession for the release of post parcels containing books, magazines and periodicals without the importers having to produce the import licence continued to be available during 1978-79.

The State Trading Corporation continued to assist the universities and other institutions of higher learning for

arranging the import of scientific and technical journals required for their use.

Book Export Promotional Activities

India as one of the leading publishing countries in the world, has a growing potential for exporting books not only to the established markets like the UK and the USA but to new markets in South East, West Asia and Africa.

During 1978-79, India participated in the Festival of Book and Book Fair, Singapore from 26th August—4th September, 1978, International Book Fair, Frankfurt from 18—23 October, 1978, and the International Book Fair held in Cairo in January/February 1979.

Books were sent for display in the Second Book Fair, Amman in April, 1978; Best Designed Books, Leipzig from 3—24 September, 1978; Commonwealth Book Fair, London from September to December, 1978; International Book Fair, Belgrade from 3—8 November, 1978; International Children's Book Exhibition, Ankara from 3—10 November, 1978; National Book Exhibition, Accra from 13—19 November, 1978.

Special Exhibitions of Indian books were organised with the assistance of Indian Missions abroad in Sri Lanka from 2—9 May, 1978; Thailand from 28—30 July, 1978; Kuala Lumpur from September 11—16, 1978; London from 25—30 October, 1978; Ankara 20—29 December, 1978. It is also proposed to organise special exhibitions in Kenya, Tanzania, Mauritius, Iraq and special exhibitions in Bangladesh during January—March, 1979.

With a view to promoting export of books and publications, the Ministry continued to obtain market survey reports through Indian Missions abroad which were circulated among the various publishers and book-sellers through their Federations. With a view to apprising foreign importers about the latest books published in India, the Federation of Publishers and Book-sellers' Association were assisted for bringing out a journal "Recent Indian Books".

RAJA RAMMOHUN ROY NATIONAL EDUCATIONAL RESOURCES CENTRE

The Centre continued to organise, exhibitions of university level books at different university centres, in order to bring to the notice of the university community the availability of university level books published in the country. During 1978-79, till December, 1978, the Centre organised one such exhibition, at the Madurai University. It proposes to organise another exhibition at Sambalpur University. The Centre also brings out periodically, annotated catalogue of Low-priced publications and Core Books. During 1978-79, the Centre brought out one combined issue (consisting of 4 numbers) of the Annotated Catalogue and proposes to bring out another issue during the remaining period.

The Centre arranges panel meetings of subject experts for evaluation on Indian authored university level books. The books considered suitable by the experts are brought to the notice of the universities, etc. so that they could increasingly use the indigenous books instead of imported books. The assessments of the books by subject experts are also brought to the notice of the publishers concerned so that they may improve the quality of their books on the basis of the reports of the subject experts. During 1978-79, till December 1978, the Centre has convened 5 panel meetings of subject experts which considered 58 books in English, Hindi and Tamil in different disciplines like Economics, History, Agriculture and Chemistry. Particulars of about 44 of these books, which were found to be standard, have been circulated to the universities, etc.

The Federation of Publishers and Book-sellers Associations in India compiled a National Catalogue of University-level Books covering the books published indigenously during 1965-70, with financial assistance from the Ministry of Education. The Centre is entrusted with the responsibility of keeping this Catalogue up-to-date by bringing out quarterly supplements. From 1971, so far, till December 1978, the Centre has brought out 31 supplements, and is engaged in bringing out a cumulative volume of all the supplements. One more supplement is expected to be compiled before the end of the year.

The Centre undertakes on or in anticipation of demand, compilation of bibliographies on topics of interest to authors and publishers of university level books. During the year 1978-79, the Centre brought out one issue, the fifth, of Annotated Guide to Periodical Literature on Book Industries.

With the object of finding out the subject fields and titles of books which are being imported into the country in large quantities, so that measures could be taken to encourage Indian authorship and indigenous publishing for local production in those fields or alternatively explore possibilities of getting those books reprinted in India, the Centre has, in the first instance, undertaken analysis of titles of which 200 or more copies were imported by 8 leading book importers. An interim report on the survey of such imports during 1975-76 was brought out in June 1977, which was taken up with UGC, NCERT, the publishers federations, etc. to explore possibilities of indigenous preparation of books on those subjects or alternatively negotiate for reprinting such books in India. The Centre has now completed the analysis of titles of which 200 or more copies were imported during 1976-77 by those same 8 large scale book importers and the report on the analysis is ready for similar follow up action.

The Centre has also undertaken analysis of the indents/invoices of book imports during 1975-76 by all the leading importers (about 35) who imported books worth Rs. 10 lakhs or more. After the analysis of the documents from about 16 importers, the Centre has prepared about 45,000 master cards giving coded bibliographical details for each of the titles imported, and sent the cards for computerization. About 20,000 more master cards covering a few more importers are expected to be prepared and sent for computerization during the remaining period of the current financial year.

Further, the Centre has been designated as the National agency to operate the International Standard Book Numbering System in India. The Centre is taking preliminary action to address the publishers in India to collect relevant data for operating the ISBN System.

COPYRIGHT

Copyright Office

The Copyright Board, reconstituted with effect from 24th September, 1976, in pursuance of Section 11 of the Copyright Act, 1957 (14 of 1957), with Justice Hardayal Hardy, retired Chief Justice, Delhi High Court, as its Chairman, held four meetings during the year 1978, heard 38 cases and decided 15 cases.

During the year 1978, 3,622 works were registered in the Copyright Office for Copyright, out of which 3,147 were artistic

and 475 literary works. In addition, changes in the Register of Copyrights were registered for 49 works.

India participated in the meetings of the (a) WIPO Budget Committee, (b) Committee of Governmental Experts on the Double Taxation of Copyright Royalties remitted from one country to another, (c) WIPO Sub-Committee to consider the problems relating to Cable Transmission of T. V. Programmes, and (d) Governing Bodies of WIPO and the Unions administered by WIPO. India also proposes to participate in the meetings of the (a) Executive Committee of the Berne Union, and (b) WIPO Permanent Committee for Development Co-operation related to Copyright and Neighbouring Rights, to be held during the remaining period of the year.

Regional Seminar on Copyright and Neighbouring Rights for Asian and Pacific States and Territories

At the invitation of Government of India, UNESCO and WIPO jointly organised a Regional Seminar on Copyright and Neighbouring Rights for Asian and Pacific States and Territories at New Delhi from December, 18-22, 1978. The Seminar was attended by 15 countries from the region. In addition a number of international non-governmental organisations like the International Federation of Producers of Phonograms and Videograms (IFPI), International Publishers Association (IPA), Confederation of Societies of Authors and Composers (CISAC), etc. also attended the Seminar through observers. Kenya, Libya and Nigeria also deputed observers to attend the Seminar. India was elected unanimously as the Chairman of the Seminar.

The Seminar was inaugurated by the Minister for Education, Social Welfare and Culture. Smt. Renuka Devi Barkataki, Minister of State in the Ministry of Education, Social Welfare and Culture, gave the concluding address at the Seminar.

One of the main recommendations made at the Seminar was that the Copyright holders in the developed countries should offer translation and reproduction rights of their works to developing countries on easy terms. The Seminar also recommended appropriate amendments in national legislations for the protection of Copyright and Neighbouring Rights through suitable penal and civil provisions. The Seminar further recommended the setting up of 'Good offices Committee' of authors and publishers to promote mutual understanding between them.

National Convention of Authors

With a view to encouraging Indian authorship, this Ministry sanctioned a suitable grant to the Authors Guild of India to enable them to organise the Fifth National Convention of India Authors. at Trivandrum in December 1978.

Workshop for Afro-Asian Writers

This Ministry sanctioned a suitable grant to the India International Centre in order to enable them to organise a workshop for Afro-Asian Writers at the Centre in February 1979.

CHAPTER VI

YOUTH SERVICES

The Youth Services Bureau of the Ministry of Education and Social Welfare have been implementing systematically programmes catering to the need and development of the student and non-student youth. The National Youth Board was reconstituted during the year. The Board which has undertaken a critical review of the programmes for the welfare of student and non-student youth will advise the government on the formulation of a National Youth Policy.

National Service Scheme

During the year 1978-79, the National Service Scheme was continued in colleges and universities with the same objective with emphasis on bringing the students closer to the community and to enable them to contribute towards national development. The response to NSS programme continues to be encouraging and it is now in operation in all the States and universities. The coverage is likely to reach the figure of 4 lakh students at the end of current year. A Review Group was set up to review the Scheme. The Review Group was of the view that the performance under the Scheme was good and it was desirable to strengthen the programme and expand it further. The Review Group while reiterating the objectives of the NSS viz inculcating a sense of social consciousness and dignity of labour amongst the students and developing their personality, also emphasised that this Scheme should provide them an opportunity to discharge their social obligation towards the community.

The NSS students did commendable work in the wake of floods in different parts of the country. Their contribution to flood relief in Delhi, Bihar, Orissa, West Bengal and Uttar Pradesh was acclaimed by the press and public alike. During the year under report, NSS personnel-teachers, students as well as the supervisory staff-gave high priority to the involvement of students in National Adult Education Programme. In this effort the NSS personnel are working closely with those

responsible for organisation of various activities under National Adult Education Programme.

National Service Volunteer Scheme

The National Service Volunteer Scheme which was started in 1977-78 continued in its second year with about 450 volunteers who have been deployed with 130 Nehru Yuvak Kendras and over 30 volunteer agencies. The volunteers are working mainly in the field of adult education with these agencies. While the voluntary agencies have the discretion in deploying them in any activity of adult education, a uniform pattern of work has been evolved for the volunteers deployed with the Nehru Yuvak Kendras. Each volunteer is expected to set up 15 to 20 Chetna Sanghs. A Chetna Sangh is a method of organising youth between the age-group of 15 to 35 for activities like adult education, sports and recreation, cultural activities, adventure programmes etc. It is intended to be an instrument for organised action for development. Each Chetna Sangh has an organiser who is given an honorarium of Rs. 50 per month. The work of the organisers is supervised by the National Service Volunteer who is paid a stipend of Rs. 175 per month. The volunteers, before taking the work in the field, are given one month's intensive training.

Planning Forums

Initiated by the Planning Commission in 1955 and transferred to the Ministry of Education in 1968, the Scheme of Planning Forums aims at developing the consciousness regarding planned development of the country among the educated youth and through them among the general public. The Planning Forums numbering about 1000, organise various programmes like seminars, debates, discussions, plan information centres about planning process and development. It has been decided that from 1979-80, the implementation of the Scheme be taken over by the University Grants Commission.

National Integration Samitis

The object of the Scheme is to familiarise the students and teachers with the diverse perspectives of our composite culture and civilisation and to undertake activities which would eradicate communalism in all its forms and to take such other steps as would directly promote the cause of National Integration. About 130 Samitis had been functioning in universities and affiliated

colleges. The implementation of this Scheme has been taken over by the University Grants Commission from 1978-79.

Nehru Yuvak Kendras

The scheme of Nehru Yuvak Kendra was continued in 1978-79 with the same objective of organising Non-student Youth in constructive activities. Out of 255 sanctioned Kendras, over 185 Kendras have become operational and are functioning in all the states. The scheme continues to be fully financed by the Central Government.

In the current year, a one-week seminar in the context of National Adult Education Programme for the Youth Coordinators for the Southern States at Hyderabad; and a one-week refresher Training Course at Udaipur were organised. A one-month Orientation Training Programme is proposed to be organised in March 1979 at Udaipur.

The Scheme of Nehru Yuvak Kendras was reviewed by a Review Group which had representatives from State Governments, Voluntary Organisations, Planning Commission and Youth Coordinators. The Group was of the view, that on the basis of 5 years' experience of the implementation of the scheme, there has been ample evidence to show that Nehru Yuvak Kendras are characterised by vitality and inventiveness and the autonomy of the Kendras should be continued to be maintained. The Group however felt that there is need for greater conceptual clarity or evolving a system. It also felt that more emphasis for the involvement of women and youth belonging to the weaker sections of the society in the activities of the Nehru Yuvak Kendras should be given. All the activities of the Nehru Yuvak Kendras—Adult education, vocational training, social service, sports and physical activities, cultural programmes etc. should be taken up in an integrated manner to create awareness amongst the youth and to develop leadership amongst this section of the youth. The Government has accepted the recommendations of the Review Group. It has been decided that during the current plan period the scheme would continue to be a Central Scheme. However, after the expiry of this plan period, the scheme may be transferred to the State Governments.

Financial Assistance to Voluntary Organisations working in the field of Youth

This scheme has been evolved to provide a frame-work for Voluntary Organisations to involve youth for development

activities specially in the rural areas. It is designed to promote involvement of youth on a full time basis for undertaking programmes of rural development, educational developmental activities in urban slums, promotion of plastic, graphic and folk arts, and mass media. This scheme aims at larger involvement of voluntary agencies in the implementation of youth programmes viz. to impart training in skills to non-student youth with a view to improving their functional capacities for full time employment, self-employment or subsidiary employment. It is also designed for training of young persons who can act as catalysts to bring out social change. Registered Societies, public trusts and non-profit companies are eligible for assistance under the scheme. This scheme was revised in 1978 incorporating essential features of the scheme of establishment of work centres which has been discontinued from 1978-79. The scheme of Youth Leadership Training Programmes has also been merged with this scheme. About 30 organisations have been extended assistance totalling about Rs. 11 lakhs up to the end of December 1978, under the scheme.

Commonwealth Youth Programme

India continued to participate in this programme and made the annual contribution to the Commonwealth Youth Programme of Rs. 5.00 lakhs—50% in foreign exchange and 50 per cent in Indian currency. The Youth Development Centre, with an Indian Director, continued to organise basic training for the youth of Asia—South Pacific region.

Scouting and Guiding

Central Government is encouraging Scouting and Guiding in the shape of organisational and administrative grants and grant-in-aid for training camps, rallies, jumborees etc. conducted by the Bharat Scouts and Guides and All India Boy Scouts Association. Scouting and Guiding, which is an international movement, is aimed at developing the character of boys and girls to make them good citizens by inculcating in them a spirit of loyalty, patriotism and thoughtfulness for others. Scouting and Guiding also promotes balanced physical and mental development of boys and girls. Social service and community welfare work is an important aspect of this movement.

Programmes for Promotion of National Integration

A Review Group was appointed to study the various aspects for promotion of National Integration. On the basis of the deliberations of this Group the Scheme for Programmes for Promotion of National Integration has been formulated.

The Scheme of Programmes for Promotion of National Integration has two basic aims : (i) to facilitate visit of youth living and working in the border states to states with marked cultural difference and an exchange visit by youth of those states to the border states in order to promote greater understanding of historical and cultural heritage of the country, of the problems being faced by the people of different regions and of the environment, social customs etc. in different parts of the country, (ii) the scheme also provides for financial assistance to voluntary agencies which are engaged in creation of public opinion against forces promoting disintegration, and organisation of social groups for action to serve the objective of national integration through camps, seminars, research and publication, cultural activities, exchange programmes etc. Under this scheme, teachers, students and non-student youth who are members of voluntary agencies, members of peasants and workers organisations, recognised educational institutions, registered voluntary organisations, Nehru Yuvak Kendras and State Governments/Union Territory Administrations are eligible for provision of financial assistance. Up to the end of December 1978, assistance totalling about Rs. 1 lakh was sanctioned to 10 organisations under this programme.

Scheme for Promotion of Adventure

The scheme of Promotion of Adventure aims at encouraging the spirit of adventure, risk-taking, cooperative team work, capacity of ready and vital response to challenging situations and endurance amongst the youth of the country. In this process it is expected that youth would become familiar with the rich heritage of flora and fauna of the country and develop well-balanced personality and character. This Scheme was reviewed by a Review Group appointed by the Ministry and has been revised in the current year. Under this Scheme financial assistance is given for undertaking programmes such as mountaineering, trekking hiking, exploration for collection of data, study of flora and fauna in the mountain, forest, desert and sea with emphasis on conservation, canoeing, coastal sailing, raft expeditions, swimming, skiing, cycling, motorcycling, ice skating etc. Assistance is provided for training in the above activities as well

as for establishment and development of institutions, camp sites and base camps to facilitate adventure activities. Under this scheme individuals, mountaineering institutes, educational institutions, registered voluntary organisations, Nehru Yuvak Kendras and State Governments/Union Territory Administrations are eligible to get assistance. In addition, financial assistance is given regularly to the Himalayan Mountaineering Institute, Darjeeling. Up to the end of December 1978, assistance totalling Rs. 9.00 lakhs was sanctioned to about 75 institutions/groups under this scheme.

CHAPTER VII

PHYSICAL EDUCATION AND SPORTS

Sports Policy and Programme

The National Policy on Education as adopted by Parliament in 1968 lays down the following in respect of games and sports :

“Games and Sports

Games and Sports should be developed on a large scale with the object of improving the physical fitness and sportsmanship of the average student as well as those who excel in this department. Where playing fields and other facilities for developing a nation-wide programme of Physical Education do not exist they should be provided on a priority basis”.

Within the broad frame-work of the existing National Policy on Education enunciated above, the Government of India have been taking various steps to promote and develop physical education and sports in the country, both among the educational institutions and amongst the non-student youth. The Government's policy in this behalf keeps in view the complementary nature of broad-based mass physical and sports activity on the one hand and the competitive sports aimed at excellence and high achievement on the other.

In the existing programme undertaken by the Central Government the thrust has been on broad-basing of sports and physical fitness activities particularly in rural and tribal areas. Similarly, special attention is paid to the promotion of these activities among girls and women. Simultaneously, sports talent is spotted among boys and girls at a very young age and adequate encouragement and facilities provided to them to nurture their talent; achieve excellence in different sports and bring glory to the country in the international sports competitions. The other salient features of the sports policy are making physical education, sports and games compulsory at school stage, providing physical facilities like play-

fields, stadia, swimming pools etc., where such facilities do not exist, establishing rural sports centres, preserving open spaces, particularly in urban areas, giving incentives to promising sportsmen and sportswomen, giving preference to such games and sports as are popular in a particular area and are inexpensive. The National Policy on Sports is being given a fresh look in consultation with the All India Council of Sports who have set up a Sub-Committee specially for this purpose.

During the year the Central programme of Physical Education and Sports, in the context of the above enunciated policy, continued to be pursued. Further, the Central Schemes were reviewed by a Working Group which was constituted by the Government for formulation of Central Schemes of Physical Education and Sports for inclusion in the Sixth Five Year Plan. All the existing schemes have been recommended by the Working Group for continuation during the Sixth Plan period with some suitable modifications to make their scope more broad-based and their implementation more effective. In view of limitation of funds available for the Sixth Plan programmes in the field of Physical Education and Sports it has not been possible to take up any of the new important schemes recommended by the Working Group.

All India Council of Sports

The All India Council of Sports, which has been set up by the Government of India to advise it on matters relating to promotion of sports and games, was reconstituted to make it more functional and effective. The 21 member reconstituted Council, with a three year term, now headed by Field Marshal S.H.F.J. Manekshaw, consists of 6 sports promoters, 2 sports writers/commentators, 2 educationists, 3 Members of Parliament and 5 representatives of States Sports Councils from different regions. After its reconstitution in July, 1978 the Council has been meeting quite frequently and has so far held 3 meetings and its Executive Committee six meetings.

Society for the National Institutes of Physical Education and Sports (SNIPES)

The Society for the National Institutes of Physical Education and Sports (SNIPES) was set up by the Government of India in 1965, as an autonomous body, to carry on the management and administration of the two national institutes of physical education and sports, namely, the Lakshmi Bai National College of Physical

Education, Gwalior and the Netaji Subhas National Institute of Sports, Patiala and to take steps for raising standard of games and sports in the country by improving facilities and standards of training and coaching in sports and games. The SNIPES has also been entrusted with advisory functions at national level in matters relating to promotion of physical education and Yoga. The Society was last reconstituted in 1976 for a period of 3 years. Dr. Amrik Singh, Vice Chancellor Punjabi University, took over as Chairman of the Society in June, 1978 *vice* Shri Sikander Bakht, Union Minister of Works and Housing, Supply and Rehabilitation. During the year the Society held 3 meetings.

A. PHYSICAL EDUCATION AND YOGA

Lakshmbai National College of Physical Education, Gwalior

The primary function of the College, which is one of the two national institutes established by the Government of India in the field of Physical Education and Sports, is to produce high calibre leadership in the field of physical education. For the academic session 1978-79, with the admission of 105 students (including 24 women) to the Bachelor of Physical Education Course and 34 (including 4 women) to the 2-year Master Degree Course, the total student-strength in the Regular and Residential Courses at the College was 418 (including 91 women). Besides this, the College admitted 30 students to the first year of its 3-year Master Degree Summer Course in Physical Education for the inservice personnel. The College continues to attract students from all parts of the country including a few from abroad. From the 1979-80 academic year, the College is also planning to introduce M. Phil. Course in physical education. Besides its teacher-training programme, the College also offers extension services and refresher courses for the inservice personnel. Beside these, it continued to implement on agency basis the Central Scheme of National Physical Efficiency Drive and National Prize Competition for published Literature on Physical Education and Sports on behalf of the Ministry of Education and Social Welfare.

Since its establishment in 1957 till the Academic Year 1977-78, the College has produced 1393 graduates and 319 post-graduates in physical education.

National Physical Efficiency Drive

The scheme, which was introduced by the Central Government in 1959 to popularise among the people the concept of

physical fitness and also to arouse their enthusiasm for higher standards of physical efficiency and achievement, continued to be implemented during the year in collaboration with the State Governments/Union Territory Administrations and certain selected Central agencies. The Lakshmbai National College of Physical Education continued to function as the central agency for the implementation of the scheme.

The 1977-78 National Physical Efficiency Drive for which results have since become available, had a total participation of about 20 lakhs out of which about 6.80 lakhs participants were declared winners. The XVIII All India Competition for National Awards in Physical Efficiency was held at Kolhapur (Maharashtra) from the 28th February to 2nd March, 1978.

On the basis of the data collected by the Lakshmbai National College of Physical Education the revised national norms of physical efficiency for the scheme have since been finalised and the same are proposed to be adopted from the 1979-80 Drive.

Promotion of Yoga

The Scheme of promotion of Yoga, as a part of the overall programme of the Ministry of Education and Social Welfare for development of physical education and sports, continued to be implemented during the year. The Kaivalyadham Shreeman Madhav Yoga Mandir Samiti, Lonavala (Poona) continued to get financial assistance for its maintenance and development expenditure as per the approved pattern of the Scheme for its teacher training and research programmes.

B. SPORTS AND GAMES

Netaji Subhas National Institute of Sports, Patiala

The Netaji Subhas National Institute of Sports, Patiala established by the Government of India in 1961, along with its South Centre located at Bangalore (established in 1975), has been entrusted with the responsibility of providing high calibre coaches in various sports disciplines and also to implement the National Coaching Scheme through the country-wide net work of Regional Sports Coaching Centres.

The Institute offers following training courses :

- (i) 10 month Regular Diploma Course ;
- (ii) 6 month Condensed Diploma Course ;
- (iii) 6 week Certificate in Sports Course ; and
- (iv) Refresher Course for inservice coaches.

For the Academic Session 1978-79, 464 trainees, including 15 foreign trainees, were admitted to the Regular and Condensed courses at Patiala and Bangalore in 17 sports disciplines. Since its inception in 1961 the Institute has so far produced 4021 qualified coaches, including 82 belonging to foreign countries, in various sports disciplines. Besides its regular coaching programme the Institute also organised a Certificate Course in Sports simultaneously at Patiala, Bangalore, Gwalior and Delhi for about 670 teachers and others.

Under the National Coaching Scheme the Institute has now an authorised cadre-strength of 500 coaches out of which 460 are already in positions spread all over the country. The remaining 40 vacant posts are also expected to be filled-up shortly and 50 more coaches are expected to be added to the cadre during 1979-80.

The Institute organised 44 National Coaching Camps during the year mainly to prepare the national teams for participation in the Commonwealth Games as well as the VIII Asian Games held during 1978. The International Olympic Solidarity Courses in Swimming, Weightlifting, Handball and Archery are expected to be organised by the end of the year 1978-79.

In collaboration with the State Sports Councils and Nehru Yuvak Kendras, the Regional Sports Coaching Centres of the Institute continued to function at Gauhati, Patna, Madras, Hyderabad, Trivandrum, Jullunder, Delhi, Bangalore, Jaipur, Meerut, Bhopal, Gandhi Nagar, Nagpur, Jammu and Srinagar, Imphal, Panaji, Port-Blair, Agartala, Chandigarh, Gangtok, Mandi, Nahan, Calcutta and Lakshwadeep.

During the year 5 coaches of the Institute were sent on foreign assignments to Nigeria, Mauritius and Afghanistan under the Bilateral Cultural Exchange Programmes. Besides these, 4 coaches have been sent abroad for training.

Grants to State Sports Councils for Promotion of Sports and Physical Education

Grants amounting to about Rs. 30 lakhs were released to the State Sports Councils in States and Union Territories during the year 1978-79 in consultation with and on the recommendation of the All India Council of Sports. These grants were given for following purposes :—

- (i) 8 Coaching Camps at State level ;
- (ii) establishment/maintenance of 388 Rural Sports Centres ;
- (iii) purchase of sports equipment of non-expendable nature worth Rs. 91,000/— ;
- (iv) development of 13 Play fields ;
- (v) (a) Construction/improvement of 28 Stadia ;
- (b) construction of 2 Swimming Pools.

It has since been decided to enhance the Central assistance in the case of States located in hilly areas to 75 per cent of the approved expenditure on construction of Stadia/Swimming Pools but not exceeding Rs. 2.5 lakhs in each case. In case of other States Central assistance continues to be 50 per cent of the approved expenditure limited to Rs. 1.00 lakh in each case.

Grants to National Sports Federations

During 1978-79 grants amounting to Rs. 20.50 lakhs were sanctioned to National Sports Federation for the following purposes :—

- (i) Grant of passage cost to 14 National Sports Federations for sending teams abroad for participation in International events.
- (ii) Holding of coaching-camps at NSNIS, Patiala/Bangalore for preparing teams for participation in international sports events abroad like World Cup (Hockey), Commonwealth Games and the Asian Games.
- (iii) Holding of 58 Annual Championships.

- (iv) Receiving of sports teams from abroad and sending of Indian Sports teams abroad.
- (v) Assistance to 16 National Sports Federations for payment of Salary of Paid Assistant Secretaries.

In order to provide better and more nourishing diet to sportsmen/women who undergo coaching at NSNIS, Patiala or under its aegis elsewhere, Government have decided, on the recommendations of All India Council of Sports, to increase the rate of diet money per head per day from Rs. 12/- to Rs. 16/-.

All India Rural Sports Tournament

The countrywide programme of Rural Sports tournament has been launched by the Central Government since 1970-71 with the twin object of involving a major segment of our youth in rural areas into the main stream of country's sports activities and also to spot and nurture sports talent. The programme now involves a total annual participation of about 12 lakh rural youth right from the Block level up to the national level.

The 9th All India Rural Sports Tournament was organised during 1978-79 in the following groups :

- i. Swimming New Delhi, May, 1978.
- ii. Athletics, Hockey Gumla (District Ranchi, Bihar)
and Football October, 1978.
- iii. Kabaddi, Kho-Kho Vijawada (Andhra Pradesh),
Wrestling and January, 1979.
Archery
- iv. Football, Volleyball, Cuttack (Orissa), February,
and Gymnastics 1979.

WOMEN SPORTS FESTIVAL

IV National Sports Festival for Women, 1979

The National Sports Festival for Women, first organised in 1975 as a part of the celebrations connected with the Inter-

national Women Year, is now a significant annual feature of the country's sports calendar. It involves at present a participation of about 2,000 young women from all over the country. The Festival is organised by the Netaji Subhas National Institute of Sports on behalf of the Government of India.

The IV National Sports Festival for Women was held at Calcutta from 23rd to 27th January, 1979, in collaboration with the West Bengal State Sports Council. About 1600 Sports-women hailing from 27 States & Union Territories took part in the Festival in the following sports disciplines :—

Athletics, Basketball, Badminton, Gymnastics, Hockey Kabaddi, Kho-Kho, Lawn Tennis, Volleyball and Swimming.

Sports Talent Search Scholarships

The Scheme provides for award of scholarships through the Netaji Subhas National Institute of Sports, Patiala, to young boys and girls at school stage talented in sports and showing promise and aptitude for sports selected on the basis of sports competitions at State/National Levels. During the year about 400 national-level and 800 state-level fresh scholarships each of the value of Rs. 900/- and Rs. 600/- per annum respectively were awarded to young boys and girls. In addition, about 150 national-level and 300 state-level scholarships awarded in the previous year were also renewed.

National Sports Organisation

The Scheme aims at improving the sports standards in colleges and universities and helping the talented sportsmen/sports-women to achieve excellence. Under the scheme assistance is given through the University Grants Commission, for construction of gymnasia, development of play-grounds etc. in universities and colleges and through the Association of Indian Universities, for award of scholarships annually of the value of Rs. 1,000/- per annum per student to outstanding sportsmen/women in college and universities and also for holding coaching camps and sports competitions among universities. During 1978-79, a grant of Rs. 2.95 lakhs has been given to the Association of Indian Universities for sports scholarships, conducting Camps and

Sports Competitions and of Rs. 15 lakhs to the University Grants Commission for construction and development of playfields and gymnasia etc. in Universities and Colleges under the Scheme.

With a view to reviewing the functioning of this scheme and also to suggest improvements therein, the All India Council of Sports had set up a committee which has since submitted its report to the Council. The Council has generally approved the recommendations made by the committee and has recommended that the Scheme of National Sports Organisation should be implemented through the Association of Indian Universities except the part of the Scheme relating to award of sports scholarships which should be handled by the Netaji Subhas National Institute of Sports, Patiala who are already implementing the Scheme of Sports Talent Search Scholarships at the school level. The Council has directed the Committee to work out the estimates of expenditure that would be required in providing each of the 3,000 colleges and each of the 110 or so universities in the country, certain minimum facilities for physical education and sports. After these estimates have been received the same will be examined by Government along with the other recommendations of the Council on the suggestions contained in the Committee's Report.

Arjuna Awards

The Arjuna Award winners till recently were given a scroll as well as a bronze statuette. However, on the basis of the recommendations of the All India Council of Sports, the rules for the Arjuna Awards have been revised. According to the revised rules the Awards will be admissible for all the recognised sports disciplines and each awardee, in addition to a scroll and a statuette, will also be entitled to a scholarship at the rate of Rs. 200/- per month for a period of 2 years and free entry to witness any National/International match played in India. In the conditions for eligibility of these Awards emphasis has also been placed on high sense of discipline in addition to excellence in sports. The Awards will, starting from 1977-78, be given financial year wise.

On the recommendation of the All India Council of Sports Government have selected 7 outstanding sportsmen and 3 sports-women for grant of Arjuna Award in various sports disciplines for the year 1977-78.

India's Participation in International Sports Events

Exchange of Sports teams between India and foreign countries during 1978-79 :

- (a) The Indian teams that participated in Sports events are following :—
 - (i) Mohan Bagan Football Team to Malaysia, Singapore, Indonesia, Thailand for playing exhibition matches (May, 1978).
 - (ii) Indian Chess Team to Indonesia, Malaysia and Iran to participate in the Asian Grand Masters Circuit Tournament, (June-September, 1978).
 - (iii) Indian Golf Team (Ladies) to Nairobi to participate in Kenya Ladies' Amateur Golf Championship (1978) (June 1978).
 - (iv) Amateur Athletics Federation of India's Team to Czechoslovakia to participate in the XVIII Golden Spiko of Europe and in the 19th Pravada Televize Slovanft in Barlislava (Czechoslovakia) (June, 1978).
 - (v) Aero Club of India team to participate in FAI World Air Relay Championships in U.K. (August, 1978).
 - (vi) All India Chess Federation Team to participate in the Men's Zonal Tournament of Zone IX at Tehran (Iran) (August, 1978).
 - (vii) Wrestling Federation of India's Team to participate in the World School Boys Festival at Albuquerque New Mexico, USA (August, 1978).
 - (viii) Amateur Athletics Federation of India's Team to participate in the 40th Singapore Amateur Athletics Association Track and Field Invitational Awards, 1978 at Karachi (September, 1978).
 - (ix) The All India Football Federation Team to Bangladesh to participate in the XX Youth Football Tournament, 1978 (October, 1978).
 - (x) The Yatching Association of India's Team to participate in the Southern Asian Yatching Regatta VII at Karachi (September, 1978).

- (xi) Shri Ravi Kumar, Junior player of India Chess Federation of India to participate in the XVII World Junior Chess Championship at Graz, Austria (September, 1978).
- (xii) The School Games Federation of India's team to participate in the Asian Schools Football Championship at Sri Lanka, (August-September, 1978).
- (xiii) Indian Women Hockey team to Holland and France on way to Spain for participation in the III World Womens' Hockey Cup tournament at Madrid. (September, 1978).
- (xiv) Motor Sports Club of India's 13-member team to participate in the Sri Lanka Grand Prix (September, 1978).
- (xv) Shri R. K. Manchanda of Squash Racket Federation of India to Singapore, Kuala Lumpur and Manila to participate in the South East Asian Circuit (August-September, 1978).
- (xvi) The Board of Control for Cricket in India team to Pakistan for playing test-matches (September—November, 1978).
- (xvii) The Badminton Association of India's team to participate in the 1st National Inter-club Championship at Dacca, (Bangladesh) (October, 1978).
- (xviii) Shri Prakash Padukone of the Badminton Association of India to London to participate in the Even of Champions Badminton Event (October 11, 1978).
- (xix) The Yatching Association of India's team to Colombo to participate in the Inter-Trophy Regatta Annual Sailing Event between the ports of Madras and Colombo (September-October, 1978).
- (xx) The Indian Airlines Sports Control Board's Team to Washington to participate in the John F. Kennedy Memorial Internanional Field Hockey Championship, Washington (October, 1978).
- (xxi) The Indian Golf Union's 5-member team to Taiwan to participate in the 1978 International

Amateur Golf Team Invitational Championships
(October, 1978).

b. Foreign Teams that participated in Sports events held in India during the year included the following :—

- (i) Sri Lanka Services Hockey Team to participate in the C. K. Naidu Memorial All India Hockey Tournament at Kovilpatti (May-June, 1978);
- (ii) Amateur Athletic Teams from Nepal, Bangladesh, Malaysia, Iran, Iraq, Pakistan and Kuwait to participate in the All India Open Athletics Tournament at Jullundur (Punjab) (May, 1978);
- (iii) Federal Republic of Germany, Basketball Team (Juniors) for friendly matches under the Indo-FRG Cultural Exchange Programme (May, 1978);
- (iv) Volleyball team of the Racing Club-de-France for playing matches at Calicut, Hyderabad and Delhi on the invitation of the Volleyball Federation (July-August, 1978);
- (v) The Australian and New Zealand Railways Golf teams to participate in the Golden Jubilee Year of Railway Sports Control Board Celebrations (November, 1978);
- (vi) Football teams from the USSR, Iran, North Korea, Brazil, Republic of China and Kuwait to participate in the Indian Football Association Shield tournament (August, 1978);
- (vii) Football teams from USSR, Bangladesh, Pakistan, Federal Republic of Germany and Burma to participate in the DCM Football Tournament (October-November, 1978);
- (viii) Billiards and Snookers teams from U.K., Canada and Sri Lanka to participate in the International Open Invitational Billiards and Snookers (1979) Tournament at Bombay (February, 1979);
- (ix) Pakistan Badminton team of 6 players to participate in the Thomas Cup contest 1978-79 (November, 1978).

XI Commonwealth Games (Edmonton)

The Government cleared an Indian Contingent of 42 players and 13 officials and one doctor at Government expenditure to participate in the XI Commonwealth Games held at Edmonton (Canada) from the 3rd to 12th August, 1978. The Indian Contingent comprised sportsmen and women in the following disciplines :

Athletics, Gymnastics, Swimming, Wrestling, Weightlifting, Shooting, Cycling, Badminton and Boxing.

The Indian contingent won 15 medals at these Games as detailed below :

Gold 5 (3 in Wrestling and 1 in each in Badminton and Weightlifting).

Silver 4 (3 in Wrestling and 1 in Weightlifting).

Bronze 6 (3 in Wrestling and 1 each in Athletics, Badminton and Boxing).

VIII Asian Games (Bangkok)

The Government in consultation with the All India Council of Sports cleared the proposal of the Indian Olympic Association to send an Indian Contingent of 167 members consisting of 140 competitors, 24 coaches and managers, 1 Chef-de-Mission, 1 Secretary-cum-Treasurer and 1 doctor for participation in the VIII Asian Games held at Bangkok from 8th to 20th December, 1978. The sports disciplines for which competitors were cleared were Athletics, Hockey, Boxing, Volleyball, Wrestling, Yachting, Football, Cycling, Shooting, Lawn Tennis, Badminton, Weightlifting and Archery.

The Indian contingent has done creditably well by bagging 11 Gold, 11 Silver and 6 Bronze Medals which is an improvement on India's performance at the VII Asian Games held at Tehran in 1974 where India got 4 Golds, 12 Silver and 12 Bronze Medals.

The Medal-tally of the Indian contingent at the VIII Asian Games was as under :

Gold 11 (Athletics 8, Wrestling 2 and Shooting 1).

Silver 11 (Athletics 7, Wrestling 1, Hockey 1, Boxing 1, Yachting 1).

Bronze 6 (Athletics 3, Boxing 2, Tennis 1).

A 4-member Indian delegation led by Shri D. S. Gulshan, Minister of State in the Ministry of Education and Social Welfare was deputed to attend the VIII Asian Games and to submit to Government report on the performance of the Indian contingent. The other Members of the delegation were :—

- (i) Shri M. R. Krishana, M.P., Member, All India Council of Sports.
- (ii) Shri A. S. Talwar, Deputy Secretary (Sports) Ministry of Education & S. W.

The leader of the delegation, Shri Gulshan was also accompanied by his Private Secretary, Shri Bharpur Singh.

IX Asian Games, 1982

The Government have approved the proposal of the Indian Olympic Association of hosting the IX Asian Games at New Delhi in 1982. The Asian Games Federation at its meeting held on the 18th December, 1978 at Bangkok unanimously reconfirmed its decision to award the 1982 Asian Games to New Delhi.

As per the estimates, organisation of the Asian Games is likely to involve a total expenditure of Rs. 21 crores excluding Rs. 6.80 crores to be spent by the Delhi Administration, New Delhi Municipal Committee, Delhi Municipal Corporation, Delhi Development Authority and other bodies put together, on the development of sports facilities to be made available for use in Asian Games 1982. These estimates are based on the expectation that 17 sports disciplines, including Kabaddi as a demonstration game, will be included in the 1982 Asian Games.

Establishment of Equestrian Federation

At the initiative of the Equestrian Federation of India, Asian Games Federation at its meeting held at Bangkok in December, 1978 has approved formation of the Asian Equestrian Federation with its Headquarters at New Delhi and with General O. P. Malhotra, Chief of the Army Staff, Indian Army, as its President.

Insurance for Sports Competitors

The Government, on the recommendation of the All India Council of Sports, have decided that all sportsmen and women who undergo coaching/training at the Netaji Subhas National

Institute of Sports, Patiala or under its supervision for participation in important International sports events abroad like the Asian Games, Commonwealth Games and the Olympics, shall be insured at Government expenses for a sum of Rs. 1 lakh each for a period up to six months against temporary, partial or total disablement or death. The period of insurance will cover the period of coaching camps at Netaji Subhas National Institute of Sports, Patiala and the period of international sports events.

CHAPTER VIII

LANGUAGES

The work on the promotion and development of Hindi and other Indian Languages and Sanskrit as well as English and other foreign languages, was continued during 1978-79, on the lines followed in the previous year. The activities and programmes undertaken in the field of languages can be broadly grouped as :

- (i) Spread and development of Hindi ;
- (ii) Promotion of Indian Languages ;
- (iii) Promotion of English and other foreign languages ;
and
- (iv) Promotion of Sanskrit and other classical languages
such as Arabic and Persian.

Apart from the schemes directly executed by the Ministry, the following offices/organisations set up by the Ministry pursued the implementation of the programmes in the field of languages :—

- (i) Central Hindi Directorate.
- (ii) Commission for Scientific and Technical Terminology.
- (iii) Kendriya Hindi Sansthan, Agra.
- (iv) Central Institute of Indian Languages, Mysore.
- (v) Central Institute of English and Foreign Languages, Hyderabad.
- (vi) Rashtriya Sanskrit Sansthan, New Delhi.
- (vii) Bureau for Promotion of Urdu.

A. SPREAD AND DEVELOPMENT OF HINDI

The Ministry continued to provide facilities for the teaching of Hindi in non-Hindi speaking States by : (i) providing financial

assistance to the non-Hindi speaking States for appointing Hindi teachers in their schools ; (ii) providing assistance for the training of their Hindi teachers ; (iii) awarding scholarships to students belonging to non-Hindi speaking States for the study of Hindi beyond the stage of matriculation; (iv) assisting voluntary Hindi organisations financially to enable them to hold Hindi teaching classes and maintain libraries and reading rooms ; (v) continuing and expanding the programme of Hindi correspondence courses conducted by the Central Hindi Directorate ; (vi) providing books in Hindi to various organisations ; and (vii) organising research on the methodology of teaching Hindi to different mother-tongue groups and allied matters through the Kendriya Hindi Sansthan, Agra.

Appointment of Hindi Teachers in Non-Hindi Speaking States

During the year, grants were given to Non-Hindi Speaking States/Union Territories towards expenditure on 1250 Hindi Teachers appointed in 1978-79 and on 6350 teachers appointed during 1974-75 to 1977-78.

Establishment of Hindi Teacher Training Colleges in Non-Hindi Speaking States

A total of 19 Hindi Teacher Training Colleges have been opened in Non-Hindi speaking States during the IV & V Five Year Plans. The Scheme will continue in the VI Five Year Plan also.

Prizes to encourage Hindi Writers of Non-Hindi Speaking Areas

Writers of Non-Hindi Speaking areas whose mother-tongue is not Hindi are awarded a Cash Prize of Rs. 1500/-. A total of 16 such awards have been instituted for writers of different Non-Hindi languages.

Award of Scholarships for the Study of Hindi

2500 scholarships were awarded during the year for the study of Hindi at the Post-Matric stage for students belonging to the Non-Hindi Speaking States.

Financial assistance to voluntary Hindi Organisations

During the year 1978-79 about 140 voluntary Hindi Organisations are expected to avail themselves of financial assistance to

the extent of Rs. 29 lakhs for the spread and development of Hindi. These organisations have been running free Hindi classes, Hindi typing classes and holding conferences and seminars apart from bringing out publications and running Hindi libraries.

Opening of Hindi Medium Sections in the Colleges of Non-Hindi Speaking States

Grants to meet deficit of expenditure on account of the opening of Hindi Medium Sections in existing colleges in Non-Hindi Speaking States was given to two colleges in Andhra Pradesh and one in Karnataka during 1977-78 on the recommendations of the respective State Governments.

Other Schemes

To help in the change over of the medium of instruction to Hindi for higher scientific and Technical Education and the promotion and development of Hindi as a link language, the Central Hindi Directorate, which was set up as a subordinate office of the Ministry of Education and Social Welfare in 1960, has been implementing a number of schemes. The Progress on these schemes during 1978-79 is as under :—

Hindi Through Correspondence Courses

The scheme of teaching Hindi to non-Hindi knowing people including foreigners was introduced in 1968. The courses are conducted through the medium of English, Tamil and Malayalam. More than 17000 Indian students were enrolled during the year under report. Help material such as bilingual conversational guides and 16 discs covering 32 lessons have been prepared. Special courses for Central Government Employees to prepare them for Probodh, Praveen and Pragya Examinations are also being conducted.

As part of correspondence course, the Central Hindi Directorate conducts Personal Contact Programmes to help learners to improve their spoken Hindi. This year, these programmes were organised at Trivandrum, Madurai, Madras, Trichurapally, Durgapur, Calcutta, Bangalore, Delhi, Bombay, Coimbatore and Salem.

Encouragement and guidance to Non-Hindi Speaking Students and writers of Hindi

To encourage Hindi writers of Non-Hindi Speaking areas, 3 Neo Writers' Workshops were held at Vidya Nagar, Aurangabad and Annamalai.

Travel grant to 20 Research students of Non-Hindi speaking areas @ Rs. 360/- per student was given. 5 Prizes of Rs. 1500/ each were also announced for Hindi Writers of the Non-Hindi speaking areas.

Publications of Popular Books in Hindi

This scheme, which aims at the dissemination of scientific knowledge, is implemented with the cooperation of private publishers. So far 296 books have been published under this scheme.

Publications

The Central Hindi Directorate is bringing out, regularly, the following publications :

- (1) UNESCO Doot
(Hindi Edition of UNESCO Courier) Monthly
- (2) Bhasha—Quarterly
- (3) Varshiki—Annually
(in four parts)

Book Exhibitions

The exhibitions of Hindi books are held at the time of National Book Fairs, Conferences/Seminars with a view to apprising the general public about the development of Hindi and to popularise scientific and Technical literature in Hindi. The Central Hindi Directorate organised 14 Book Exhibitions during the year under report.

Free Gifts of Books in Hindi

To encourage reading of Hindi Books in Non-Hindi speaking areas and foreign countries, books are purchased

and distributed free of cost by the Central Hindi Directorate. During the year, 1080 titles worth Rs. 6.00 lakhs were distributed. Books in foreign countries are distributed through Indian Missions abroad.

Evolution of Scientific and Technical Terminology

Comprehensive glossaries of Technical terms relating to Agriculture and Engineering are under print. During the year under report, Hindi equivalents of about 19,000 terms for use in different departments/offices were finalised.

Definitional Dictionaries/Digests and Monographs

10 Definitional Dictionaries in various subjects have been prepared. 5 more such Dictionaries relating to Chemistry, Physics, Home Science, Economics and Anthropology are under print.

An Encyclopaedia of Social Sciences of Hindi on the basis of international Encyclopaedia, in four parts, is being prepared.

Social Sciences Digest has been published and Physics Digest is under print. These digests are produced to acquaint the Industrial Workers with latest researches in different subjects of their interest.

Propagation of Hindi Abroad

The Scheme to promote Hindi abroad mainly in Caribbean countries of South-East and West Asia and in the advanced countries like the UK, the USA, the USSR, France, West Germany and Japan was formulated and approved in the Fourth Plan.

During the year under report, 33 foreign nationals from 13 countries which include France, USA, UK, West Germany, Poland, China and Japan etc. etc. have been admitted and granted scholarship for study of Hindi. The foreign nationals are also paid air-passage both ways from their country and back. Three Hindi lecturers working in the three Caribbean countries i.e. Trinidad, Surinam and Guyana are being maintained and the entire expenditure on their salaries etc. including air-fare is borne by this Ministry under the Scheme. Two part-time teachers are also being paid honorarium for teaching Hindi in Sri Lanka.

A Hindi scholar from Saugar University, was sent to Russia to deliver lectures on different aspects of Hindi language and literature at the Asian and African Language Institute, Moscow.

Kendriya Hindi Shikshan Mandal (Kendriya Hindi Sansthan Agra, Delhi, Hyderabad and Shillong)

During the period under report, the Sansthan continued to devote its attention mainly to train a large number of Hindi teachers of north-eastern states, namely, Nagaland, Mizoram, Meghalaya and Arunachal Pradesh where the paucity of Hindi teachers is felt. The Sansthan has also been preparing Hindi textbooks and other teaching materials for these States.

The Sansthan has started a B.Ed. level correspondence course in Hindi teaching for untrained in-service Hindi teachers of non-Hindi speaking States. During the year under report, the Sansthan has admitted 844 persons, in different courses of the Sansthan at its four centres. The Sansthan has also published seven books as reading material for the Department of the Official Language. Another set of seven books is under preparation. The Sansthan has also published 10 books on various subjects whereas three more are in press. The research journal 'Gaveshna' is also being published by the Sansthan apart from 'Sansthan Bulletin'.

A seminar on 'Hindi-Urdu Lexicography' was organised by the Sansthan with the cooperation of Jamia Millia, Delhi. The Sansthan has also organised two All India Hindi Elocution Competitions for trainees of Hindi Teacher's Training Colleges situated in non-Hindi speaking States. 42 students and teachers of 12 universities participated in these competitions. About 900 books on the various subjects such as Linguistics, language-teaching and Hindi Literature etc. were purchased for the Sansthan library. The Language Laboratory of the Sansthan has prepared teaching material and 20 lessons for Assam.

B. PROMOTION OF MODERN INDIAN LANGUAGES

Production of University Level Books in Hindi and Regional Languages

A programme for the Production of books of University level was launched in 1968-69 with a view to facilitating early adoption of Indian languages as media of instruction in as many disciplines as possible. Under this programme about 4700 books have been published out of which 950 are translations and about

3000 books are in the pipeline. The current year's budget provision for this scheme is Rs. 150.00 lakhs. Grants totalling Rs. 1038.07 lakhs have been given till the end of December, 1978.

Book Production through CSTT

The Commission for Scientific and Technical Terminology selected 827 titles, out of which 101 titles have been published, 69 are press ready and 646 are under process.

Core-Book Production Programme

Core-books in history and medicine are being brought out by the ICHR and NBT respectively. In medicine, two books have been published, one book has been assigned to publisher for printing, nine books are under preparation with authors/editors and four titles are under consideration. In Hindi ICHR have selected 557 titles/manuscripts for publication in various Indian languages.

National Award for writers of standard books

The Scheme was launched to encourage Indian authors writing original standard works of university level in Indian languages. It envisages Award of Prizes to authors for original books of university level published within a specified period of time. The Scheme was originally with the U.G.C. and has since been taken over by the Ministry.

Production of Books in Urdu

In pursuance of the above decision, the Government set up in June 1969 Taraqqi Urdu Board to advise the Government on the production of academic literature in Urdu. This Board was reconstituted on November 10, 1978 with the Minister of State in the Ministry as its Chairman. The Bureau for Promotion of Urdu which functions as the office of the Board was declared a subordinate office with effect from 5 November 1977. Under the guidance of the Board, about 550 titles have been selected for translation/original writing. Out of these nearly 140 titles have been published. These comprise university level books, school textbooks, popular science books, children's literature, supplementary readers, general books and reference works. Several manuscripts are in press and in various stages of editing.

As calligraphy is an integral part of Urdu Book Production, three calligraphy centres have been set up at Delhi, Bombay and Hyderabad for the training of calligraphists, while assistance is provided to the extent of 50 per cent of expenditure to the Academy of Arts and Languages (Srinagar) and Bihar Urdu Akademy for their calligraphy centres.

The Bureau has formulated a proposal for teaching Urdu to non-Urdu speaking people through correspondence courses. A certificate course and diploma course have been worked out. This scheme will be implemented in the next year.

Production of Books in Sindhi

This scheme was taken up in the latter part of 1975 under the guidance of an Advisory Committee of Sindhi scholars. The objective of this scheme is to bring out educative books in Sindhi for the benefit of Sindhi students. The implementation of the scheme has been entrusted to the Commission for Scientific and Technical Terminology. Under this scheme two reference works, namely, Sindhi-English Dictionary and Sindhi Grammar have been printed. A number of manuscripts for higher secondary students in various disciplines are under preparation and 5 manuscripts are in press. To encourage Sindhi writers, a scheme of award of 5 prizes has been taken up. Forty-five entries under this scheme have been received.

CENTRAL INSTITUTE OF INDIAN LANGUAGE, MYSORE

The Central Institute of Indian Languages, Mysore was set up in 1969 with the objective of promoting the study of modern Indian Languages and through such activities creating an emotional empathy between the people of the different regions of the country. The programmes of the Institute are geared to encourage the study of Indian languages by those who do not have that language as their mother-tongue. This will also facilitate the implementation of the three-language formula. The main activities of the Institute are centered around language teaching, linguistic research, preparation of teaching materials studying of tribal languages and dialects, socio-linguistic research and studies on folklore.

(i) Tribal and Border Languages Unit

An Adult Literacy Workshop was organised and literacy materials were prepared in Manipuri, Miri, Bhuti, Sema, Konyak and Kuvi.

The first draft of grammars of Mishmi, Konyak and Apatani was prepared and the work on the dictionary of these languages progressed. Ahgami, Hindi Dictionary, Ladakhi grammar and Adult reader were completed.

(ii) *Cartography Unit*

The literacy Atlas of India based on 1961 and 1971 Census data was released in the month of October, 1978. The Atlas contains 23 maps on Literacy in terms of male, female, rural, urban, district and state showing decennial variation over the decade.

The district-wise and tribe-wise data on the Atlas of Tribal Languages of India is being collected.

(iii) *Reading Unit*

As part of the Technology transfer project, orientation programmes were conducted for school teachers and teacher educators on 'Language-Teaching-Method Material and Medium' and for students on Demonstration of Audio-Visual aids and testing of the ability in reading, speaking in English, Hindi and Kannada. A comprehensive report of the reading speed of ten students in three languages has been prepared.

(iv) *Material Production Unit*

Need based Courses were organised for special groups of learners. A Correspondence Course in Tamil has been started for non-Tamil speakers. 170 students have registered for the certificate course this year.

(v) *Publications* : The following books have been published:—

1. Language load.
2. Sociolinguistic Survey of Indian Sindhi.
3. Adult Literacy Reader—Copy Book in Manipuri.
4. Classified Bibliography of linguistic Dessertation on Indian Languages.
5. Classified Bibliography of Articles published in Indian Languages.
6. Studies in Munda Numerals.

The following books are in press :

1. Malte—An Ethno—Semantic Study
2. Tamil Basic Course.
3. Kannada State level Primer.
4. Language Use in Himachal Pradesh.
5. Linguistics, Language and Literacy Education.

(vi) *Regional Language Centres*

The Southern Regional Language Centre organised 3 refresher courses of 3 weeks duration in Tamil, Telugu and Kannada at Nagercoil, Hyderabad and Mysore respectively. An Integration Camp for Kannada was held in May for 10 days at Mysore in which 9 teachers and 89 students participated.

The Academic Session 1978-79 in Regional Language Centres started in July 1978. 314 teacher trainees have been admitted in all the Centres for intensive training programme in major Indian Languages.

C. PROMOTION OF ENGLISH & OTHER FOREIGN
LANGUAGES

Central Institute of English and Foreign Languages, Hyderabad

An autonomous Body set up by this Ministry and fully financed through the University Grants Commission, this Institute is deemed to be a university under the UGC Act. It has a regional Centre at Shillong to look after the needs of the North-eastern region. Another Centre for the Northern region is being set up at Lucknow this year. During the year under report the department of Arabic has been started at the Institute.

During the year the Institute carried on with its teacher training programmes in English, French, German and Russian, research on the methodology of teaching, production of teaching materials and extension services. The training programme has been diversified to meet the needs of key personnel in definite areas of English and foreign languages teaching in the country. Areas of meaningful research have been indentified and efforts are being made to publish the findings. The scope of extension services has

been broadened to give effective assistance both at the college and secondary levels for the improvement of standards of English teaching. The M.A. (Correspondence-cum-contact course) in French and German was introduced during the year. About 1479 participants are on the rolls for the courses for various diplomas and degrees in English, French, German and Russian. Ten M. Litt. dissertations have been completed in different subjects regarding Lexicography, English learning/teaching in different groups, translation evaluation etc.

Radio lessons in English were produced for various classes at school level. Three textbooks for various classes at the school level were also completed during the year and another five are under preparation.

Four five-weeks summer Institute contact programmes in English were held during the year in collaboration with the UGC and the British Council. A new Post-graduate Diploma in the teaching of English by correspondence started in October this year with 95 participants. Workshops and seminars for the producers of Radio programmes on syllabus and examinations in English for universities in Tamil Nadu, Gujarat and Union Territories were held. Extension programmes for the improvement of English teaching and proficiency in English were held for various universities, schools and colleges and diagnostic tests were administered for probationers and students at various institutions. Short need based courses were also conducted to meet the demands of various organisations. These were in such areas as courses in Phonetics & Spoken English, Orientation course for Post-graduate teachers of English, Capsule Course in Report-writing etc.

D. PROMOTION OF SANSKRIT AND OTHER CLASSICAL LANGUAGES SUCH AS ARABIC AND PERSIAN

Rashtriya Sanskrit Sansthan

More than 825 students were admitted into the Kendriya Sanskrit Vidyapeethas which are constituent Units of the Sansthan for various courses. 68 new publications from the Sansthan as well as from the Vidyapeethas are likely to be published during the year (10 publications have already been published so far). 473 scholarships were awarded to the students of Vidyapeethas under the Sansthan. Free hostel facilities have been provided to more than 300 students. Teacher Training facilities have been provided to about 121 students. Over 2524 students are expected to appear in the various examinations of the Sansthan.

Scholarships

Research scholarships to 173 students of traditional Sanskrit Pathshalas have been awarded during the year. Besides 150 scholarships were awarded to students pursuing Shastri and Acharaya courses and more than 800 scholarships for Post-graduate studies in Sanskrit, amounting to about Rs. 9 lakhs.

Financial Assistance to voluntary Sanskrit Organisations

Grants amounting to about 30 lakhs are likely to be released to about 750 Voluntary Sanskrit Organisations and 15 Gurukulas by the end of the year. A sum of Rs. 18.00 lakhs has already been sanctioned to about 300 institutions.

Publication of Dictionary based on Historical Principles

The project is being implemented in the Deccan College Post-Graduate and Research Institute, Poona. The work on the preparation of the Critical Sanskrit Dictionary on historical principles has been making steady progress and the College brought out the third fascicule of 300 pages and completed the first Volume in three parts.

Adarsh Sanskrit Pathshalas

Grants amounting to about Rs. 6.00 lakhs are likely to be released to six Adarsh Sanskrit Pathshalas. Out of this Rs. 4 lakhs has already been released. One more pathshala is also likely to be given grants during the year.

Financial assistance to voluntary Arabic and Persian organisations

Grants amounting to about Rs. 5 lakhs are likely to be released to more than 100 Voluntary Arabic and Persian Organisations by the end of the year. A sum of Rs. 3.50 lakhs has already been released to about 80 institutions.

Centrally Sponsored Scheme for the promotion of Sanskrit

- i) Rendering financial assistance @ Rs. 1,800.00 per annum to eminent Sanskrit Pandits. At the moment about 1000 Sanskrit Scholars are receiving assistance under this scheme.

- (ii) Award of Scholarship @ Rs. 10.00 per month to the students of High|Higher Secondary School studying Sanskrit. About 2500 students are getting this Scholarship.
- (iii) Providing facilities for teaching of Sanskrit in Secondary Schools. At present 9 States are taking advantage of this scheme.
- (iv) Modernisation of Sanskrit Pathshalas. Nine States and Union Territories are taking advantage of this Scheme.
- (v) Grant to State Governments for promotion of Sanskrit. Assistance at the rate of 100 per cent is now being provided to 13 States under this scheme.

A sum of about Rs. 19.30 lakhs is expected to be incurred on this during 1978-79.

Production of Sanskrit Literature

To encourage the production of new Sanskrit Literature and preserve ancient literature, financial assistance is given to individuals, organisations, research institutions and universities for the publication of works relating to Sanskrit language and literature, printing of out-of-print Sanskrit works, printing critical editions of rare Sanskrit manuscripts and bringing out Sanskrit journals. Copies of books relating to Sanskrit are also purchased. Work on the following works for which assistance has been sanctioned, was in progress :

- (i) Preparation & publication of critical edition of Mahapuranas by the All India Kashiraj Trust, Varanasi.
- (ii) Dharam Kosha, by Dharam Kosha Bandal, Wai, Satara.
- (iii) International project of preparation of critical Pali Dictionary at Government Sanskrit College, Calcutta.
- (iv) Preparation & Publication of editions of Taitiriya Samhita, Shrauta Kosha & Avestan by Vedic Samshodhan Mandal, Poona. First Volume of the Descriptive catalogue of 65000 Sanskrit Manuscripts was brought out by Oriental Research Institute, Mysore.

All India Elocution Contest for the Students of Sanskrit Pathshalas

The seventeenth All India Elocution Contest for the students of Sanskrit Pathshalas was held at Gauhati in the month of January, 1979. Students from different States and Union Territory participated in the contest. Simultaneously a Vedic Convention was also held at Gauhati in which about 65 Vedic Scholars took part and recited different Shakhas of four Vedic Samhitas.

From last year, a scheme 'Preservation of the tradition of Vedic Recitation' was introduced under which Vedic Scholars have been selected to train two students each under them in the art of recitation of Vedic Samhitas. Every Vedic Scholar gets Rs. 500.00 per month and a student Rs. 100.00 per month. Scholarships to 3 Scholars and 6 students were sanctioned this year.

Sanskrit Day

To popularise Sanskrit among general public, the Shrivant Purnima is being celebrated as Sanskrit Day, since 1969, by States, Union Territories and the Centre. This year's Sanskrit Day was observed on the 18th August, 1978 (Raksha Bandhan).

Award of Certificate of Honour to Sanskrit, Persian and Arabic Scholars with Monetary Grant of Rs. 3,000.00 per Annum

Transferred from Ministry of Home Affairs, this Scheme envisages, giving of President's Award to 6 Sanskrit, one each of Persian and Arabic Scholars on the 15th August, which includes, grant of Rs. 3,000.00 per year, for life and Robe of Honour at the Investiture ceremony. The total number of Scholars now getting the Award is 97.

CHAPTER IX

INDIAN NATIONAL COMMISSION FOR COOPERATION WITH UNESCO

India has been a member of the United Nations Educational, Scientific and Cultural Organization since its inception in 1946. Article VII of the Constitution of Unesco requires that "Each Member State shall make arrangements as suit its particular conditions for purposes of associating its principal bodies interested in educational, scientific and cultural matters with the work of the organization preferably by the formation of a National Commission broadly representative of the Government and such bodies" and further provides that "National Commissions or national Cooperating bodies, where they exist, shall act in an advisory capacity to their respective delegations to the General Conference and to their Governments in matters relating to the organization and shall function as agencies of liaison in all matters of interest to it". Accordingly a permanent Commission was established in 1951. The Commission discharges its functions through the four sub-commissions on Education, Natural Sciences, Social Sciences, Humanities & Culture and Communication. Having consideration to the fact that the Indian National Commission for Cooperation with Unesco was too unwieldy with its membership at 102, to function effectively, the Commission was reconstituted in February 1978 and its membership was brought down to 56 to make it more compact and workable. The four Sub-Commissions of the Indian National Commission for Co-operation with Unesco met in New Delhi on July 5 and 6, 1978 to discuss the Draft Programme and Budget of Unesco for 1979-1980. The recommendations made by these Sub-Commissions were discussed at the 14th Session of the Indian National Commission held on 21st July, 1978. Through this meeting, the Commission was informed of the details of the problems envisaged by them in the next biennium. The advice was also obtained on the stand that our delegates may take on important issues.

Unesco Clubs

As a part of its efforts to disseminate and promote information among people about United Nations and its

specialised agencies, the Indian National Commission for Cooperation with Unesco has been promoting Unesco Club Movement in the country. It is also a function of these clubs to develop activities in the field of education, science and culture and to promote international understanding, co-operation in World peace, e.g. observance of UN. Day, Human Rights Day, Unesco Week etc., organization or participation in exhibitions of Unesco publications, symposia, seminars, lecture programmes, UN/UNESCO Work-Shops etc. There are 133 Unesco Clubs functioning throughout the country. Majority of these Clubs are located in Universities and public libraries.

Unesco Coupons

The Commission continued to operate the Unesco International Coupon Scheme designed to help educational and research institutions and also individuals working in the fields of education, science and culture to import their bonafide requirements of educational publications, scientific equipments and educational films from abroad without undergoing the foreign exchange and import control formalities.

Coupons worth rupees sixteen lakhs approximately are likely to be sold during 1978-79.

Unesco Courier

The Indian National Commission for Cooperation with Unesco continues to get the Hindi and Tamil editions of 'The Unesco Courier' published through the Central Hindi Directorate and the Southern Languages Book Trust, Madras, respectively. The present number of each language issue is 3000 copies.

News Letter

The Commission brings out a quarterly 'Newsletter' to publicise information about the activities of the Commission and Unesco in India. In all 3000 copies are printed which are distributed among National Commissions abroad, Education Departments of States, Universities and other Educational institutions including Unesco associated Schools in the country and abroad.

Contribution to Unesco

India's contribution to Unesco for the biennium 1978-79 amounted to Rs. 1.36.18,000 representing 0.65 per cent of

UNESCO's Budget. Out of this, an amount of Rs. 78 lakhs representing dues for 1978 has already been paid. The balance amount due for 1979 will be paid before the close of the financial year 1978-79.

Visit of Director-General of Unesco

H. E. Mr. Amadou-Mahatar M'Bow, Director-General of Unesco, accompanied by the four officials made a brief stop over at New Delhi on the 15th June, 1978 on his way to Kathmandu.

On his return journey from Kathmandu, he stayed at New Delhi for the night on the 18th June, 1978. On this occasion, the Director-General met the Education Minister and the Secretary General, Indian National Commission for Unesco, and discussed matters of mutual interest.

20th Session of the General Conference of Unesco

An Indian delegation of Official and Non-official Delegates participated in the 20th Session of the General Conference of Unesco held at Paris from 24th October to 28th November, 1978. The delegation was led by the Education Minister.

4th Regional Conference of Ministers of Education

Unesco convened the 4th Regional Conference of Ministers of Education and those responsible for Economic Planning in Asia and Oceania at Colombo from 24th July to 1st August 1978. The Indian Delegation which participated in this Conference was led by Minister of State for Education, Social Welfare and Culture.

Deputations/Delegations Abroad

As in previous years, delegations were sent for participation in the various International Conferences, Regional Seminars, Meetings etc.

CHAPTER X

ADULT EDUCATION

In accordance with the highest priority being given in educational planning to adult education in parallel along with that of elementary education, the tempo in the preparatory action and implementation of the National Adult Education Programme was maintained during the current year. Although in the Outline of the National Adult Education Programme the period until the end of March 1979 for all practical purposes is to be treated as a period of intensive preparation, considerable spade work has been done for consolidating and reinforcing on-going programmes and strengthening the administrative structures for implementation of the NAEP in different States and Union Territory Administrations. The Directorate of Adult Education which is the national resource agency in the field of adult education, and the concerned Division in the Ministry, both were strengthened to cope up with the increasing responsibilities for implementation of the Programme.

Launching of the National Adult Education Programme

The National Adult Education Programme was launched in New Delhi by the Vice-President of India on October 2, 1978. The Prime Minister was the Chief Guest at the function, which was presided over by the Education Minister. Cabinet Ministers, Members of Planning Commission, Parliament, the Metropolitan Council, Delhi, Heads of various Central organisations and Foreign Missions, Professors and Principals of colleges/schools, as also the field participants in adult education programmes attended the function. The State Governments and Union Territory Administrations were advised to organise similar functions in their areas. The Universities, various Colleges and the Education Secretaries of State Governments/Union Territory Administrations were advised to organise Conferences/Seminars on important topics of Adult Education. All this had salutary effect for creating the appropriate atmosphere for implementation of the National Adult Education Programme.

National Board of Adult Education and its Committees

The National Board of Adult Education was set up in 1977 for advising the Government in regard to the formulation of policies and programmes of adult education, their coordination, implementation and evaluation. The Chairman of the Board is the Union Minister of Education, Social Welfare and Culture and its members are Union Ministers of Information & Broadcasting, Agriculture & Irrigation, Labour & Parliamentary Affairs and Health & Family Welfare. The Deputy Chairman of the Planning Commission is also its member. The other members of the Board include two Members of Lok Sabha, one Member of Rajya Sabha, five Ministers of Education from States, one Chief Commissioner of Union Territory, five Ex-Officio Heads of Organisations having bearing on adult education programme and nine distinguished Educationists. The Joint Secretary in charge of Adult Education in the Ministry is its Member-Secretary. The Board held its second meeting on 5th July, 1978 and its third meeting on 30th January, 1979. At its second meeting the Board emphasised the need for setting up of State Boards of Adult Education in every State/Union Territory for facilitating implementation of the programme. As adult education is now visualised as an integral part of the developmental strategy, the Board desired that steps should be taken to have proper coordination with other concerned development Departments/Ministries. Accordingly, the Conference on Development and National Adult Education Programme was convened in New Delhi on 1-2 August, 1978 in which representatives dealing with development programmes in the Central Ministries/Departments of the Government of India, of selected voluntary organisations, District Collectors, Heads of Development Departments in the States, etc. participated. The guidelines emerging out of the deliberations of the Conference were circulated to all concerned.

The Committee of National Board of Adult Education on Preparatory Action for National Adult Education Programme was convened on July 20, 1978 under the Chairmanship of Dr. V.K.R.V. Rao. Necessary action has been taken on its recommendations regarding supply of basic materials to all Members of Parliament interested in NAEP, circulation of guidelines for organising seminars in colleges and universities, and emphasis for setting up of State Boards of Adult Education etc.

The National Board of Adult Education decided to set up a Special Committee under the Chairmanship of Dr. Ram Lal

Parika to go into the motivational aspects of the National Adult Education Programme. This Committee had a number of meetings during the period under report, and submitted an interim report in September 1978. A comprehensive document on the subject is proposed to be brought out by the Committee very soon. As motivation of the illiterate learners and the various functionaries is of great importance in the implementation of the programme, the guidelines of this Committee would be very useful.

The following three other Committees of the Board have also been set up :

- (i) Committee on Evaluation;
- (ii) Committee on Voluntary Agencies ; and
- (iii) Committee on Post literacy and Follow-up Activities.

Rural Functional Literacy Projects

As part of its responsibility for social and economic planning, the Central Government continued to provide leadership in NAEP. Among the efforts of the Central Government in this direction, mention may be made of the model pace-setter projects under the scheme of "Rural Functional Literacy Projects (RFLP)" which is the new nomenclature of the two on-going schemes of Farmers Functional Literacy Programme and Non-formal Education for 15—35 age group. The Central Government has undertaken to finance, on cent percent cost basis, at least one Rural Functional Literacy Project in each district in every State during the mid-term plan 1978—83. The implementation of the projects would be the responsibility of the State Governments.

The size of each such project is up to 300 adult education centres with an enrolment of 30 adults in each centre. In a year, each Project of the size of 300 centres is expected to provide adult education including literacy to about 9,000 adults. During 1978-79, the Central Government have taken up 206 such Central Projects (including 146 on-going projects under the Schemes of Farmers' Functional Literacy Project and 60 projects under Non-formal Education for the age group 15—35). The benefits of adult education, through these central pace setter projects, is expected to reach to about 7 lakh adults during 1978-79. The financial provision for this scheme for the current year is Rs. 4.12 crores and for the next year 1979-80, Rs. 13.5 crores.

Strengthening of Administrative Structures in the States/Union Territories and establishment of State Boards of Adult Education

In planning and implementation of the National Adult Education Programme, the States have the pivotal role to play. In order to enable them to play this role, grants have been released under this scheme to practically all the States and Union Territories. A budget provision of Rs. 50 lakhs for this scheme has been made during the current financial year and of Rs. 90 lakhs for the next financial year.

The Government of India also advised the State Governments to set up State Boards of Adult Education for advising in the formulation, implementation and evaluation of adult education programmes. Almost all the States and Union Territories have set up State Boards of Adult Education.

Assistance to Voluntary Agencies working in the field of Adult Education

NAEP visualises that voluntary agencies would play a special and partnership role in the implementation. This is to be done by securing greater involvement of the voluntary agencies already working in the field of adult education or having potentiality to do so and by creating circumstances for emergence of new agencies particularly in areas where they are few.

Efforts have been made to secure greater participation of the voluntary agencies in the NAEP after the Government's decision to launch it from October 2, 1978, was taken. Consultations at different forums were held with key representatives of voluntary agencies working in different fields to involve them in the NAEP. This matter was discussed at length at the Conference of Education Ministers held in New Delhi. Consultations were also held at various other forums. Based on all these deliberations, the scheme of Assistance to Voluntary Agencies was reviewed and revised. The revised scheme visualises the participation of voluntary agencies mainly in planning and implementation of field programmes including post literacy and follow-up activities; and in resource development, particularly production of teaching/learning material, training, research and evaluation, etc. The pattern of assistance has been liberalised. Financial assistance is now provided to voluntary agencies on 100 per cent basis of the programme cost and 75 per cent of

the administrative cost. In addition to the existing eligibility conditions, the following criteria have been made :--

- (i) not discriminate against any person or group of persons on the ground of sex, religion, caste or creed;
- (ii) not directly function for the furtherance of the interests of any political party;
- (iii) not in any manner incite communal disharmony;
- (iv) not proselytise; and
- (v) eschew violence.

The National Adult Education Programme, in order to become a mass movement, requires the involvement and support of political parties and the organisations of women, youth and peasants, all-India cultural, religious and youth organisations, and federations/associations of teachers, students, trade, industry, etc. These organisations, though not eligible for financial assistance, can contribute in a substantial manner in the creation of a favourable environment for implementation of the programme. They can also help by motivating learners, teachers and other field workers.

The State Governments have a special responsibility in the mobilisation of the voluntary effort. They have also to coordinate the programmes organised by the various agencies and to monitor them. For this reason, the applications of all voluntary agencies for field programmes have to come through the State Governments, and financial assistance is provided to them only on specific recommendations of the State Governments. Where the State Governments have so desired funds are also disbursed through the officers nominated by them.

As a result of the special efforts made during the current year to mobilise voluntary agencies for taking up adult education programmes, it is expected that by the end of the current financial year the number of voluntary agencies approved for assistance would reach about 500 involving over 20,000 Centres with an enrolment in these centres of approximately 5 lakhs. The quantum of financial assistance to be provided to voluntary agencies during the current financial year would be about Rs. 2 crores.

Besides, the field programmes of running adult education centres, voluntary agencies have also been assisted for the development of resource support. Out of the 14 State Resource Centres established so far, 10 have been set up under the auspices of voluntary agencies. The State Resource Centres have made very useful contributions in the areas of training of field workers, and preparation of teaching/learning materials.

For the evaluation of the programme to be taken up by voluntary agencies, institutions of social science research are being identified in each State. Sardar Patel Institute of Economic and Social Science Research, Ahmedabad has already completed the evaluation for Gujarat State. Similar institutions are being identified in other States and it is intended that a critical evaluation of all the adult education programmes taken up by voluntary agencies would be undertaken through these Institutions for which they will be financially assisted.

Adult Education through Colleges/Universities in India

An important component of NAEP is the involvement of educated youth. The guidelines of Adult Education and Extension Programme, formulated by the University Grants Commission, have been circulated to all the colleges/universities and other institutions eligible for assistance from the Commission. In the guidelines, it has been laid down that the universities must assume Adult Education and Extension Programme as an important responsibility and give it a distinct status.

Over 20 universities are participating in the Programme of Adult/Continuing Education. With a view to creating an awareness in the academic community and to enabling the students in the universities and colleges to participate in the Programme, workshops have been organised at various universities/colleges. With the assistance provided by the University Grants Commission, workshops/group discussions were held at a number of universities including those of Bhopal, Kerala, Nagpur, Udaipur, Jabalpur, Agra and at a very large number of colleges. These meetings and discussions have to a great extent mobilised the opinion of the academic community for their active participation in the programme. Sri Venkateswara University and the Kashmir University have established State Resource Centres and a Regional Resource Centre has also been established at the Punjab University, Chandigarh, for the States of Punjab, Haryana and Himachal Pradesh.

Over 600 proposals of the colleges have been considered so far of which over 200 have been accepted for assistance from the UGC to organise Adult Education Centres at the rate of at least 10 centres (in many cases 30 centres) per college. Over 150 colleges were sanctioned a grant of Rs. 500/- each as "seed money" for the formulation of the proposals. In the case of colleges where the number of centres proposed is less than 10, such colleges have been advised to organise Adult Education Centres from the NSS funds. Forty universities (including institutions deemed to be university) have been sanctioned "seed money" for the formulation of the proposals to participate in the NAEP.

Exchange Programme

The exchange of experiences with other countries in the field of Adult Education has assumed special significance in view of the launching of the National Adult Education Programme in the country from 2nd October 1978. Such exchange programmes have been included under the bilateral cultural agreements with a number of countries. A Seven-Member team visited Tanzania for studying Adult Education Programme in that country for a period of 10 days. Another delegation consisting of ten Members visited Thailand and Vietnam to study National Literacy Training Programmes in those countries. Similar exchanges were established with some other countries including Yugoslavia, Brazil and the U.K. Such exchanges have been useful in acquainting to the adult education functionaries to get insight into the Adult Education Programmes of the countries and to make use of their experiences. These exchanges are proposed to be continued during the year 1979-80.

Directorate of Adult Education

The Directorate of Adult Education established in 1971 as a subordinate office of the Ministry, is its academic and technical wing in respect of matters relating to adult education programmes at the all India level. As National Resource Centre for adult education, the Directorate's activities during the year remained largely oriented towards preparations for the launching of National Adult Education Programme. It was considered necessary to strengthen the professional base of the Directorate. A full-time Director in the Directorate took over from 1st March 1978. In addition to some additional posts of senior

level professional staff, provision has been made in the Directorate to have services of six short-term Consultants for providing specialist support in matters of planning and implementation of National Adult Education Programme. Consultants have been appointed in the field of Material, Research & Evaluation, and Development. The salient activities of the Directorate during the current year were the following :—

Promotional Activities

These included :

- (i) Insignia on National Adult Education Programme designed to popularise the Programme and to visually communicate the message of literacy combined with social awareness and functionality;
- (ii) Tableau for highlighting the focus of National Adult Education Programme, presented in the Republic Day Parade, 1978;
- (iii) Slides on National Adult Education Programme having 120 colour slides with commentary depicting the real life situations of the poor and illiterate people and the change through National Adult Education Programme;
- (iv) A 10-minute documentary on National Adult Education Programme produced through the Films Division, Government of India entitled 'To Hold a Head High' released all over the country on the 29th September 1978;
- (v) A Poster on National Adult Education Programme and a Cartoon Brochure entitled 'The Other Side of the Fence' each brought out in 13 Indian languages and 10 lakh copies;
- (vi) Exhibition on Nation's preparedness on the occasion of launching National Adult Education Programme on 2nd October, 1978;
- (vii) National Adult Education Programme Newsletter brought out for wider circulation from October 1978;
- (viii) Participation in the Third World Book Fair at New Delhi in February 1978 and Ninth National Book Fair in December 1978 at Bangalore;
- (ix) Publications on National Adult Education Programme included : 13 titles on Illustrative Teaching-Learning

Materials for the Learners on Primers, Readers, Work Books and other Supplementary Readers; 4 titles on Materials on Curriculum Development; 3 titles on Training Materials; 5 titles on Materials on Monitoring, Evaluation, Research & Statistics ; 2 titles on Motivation; and 4 titles on Materials for Reference and General Information.

Preparation of Materials

(1) A seminar was organised on Methodology of Preparation of Material at Mysore in collaboration with the Central Institute of Indian Languages; and

(ii) The Directorate collaborated with NCERT in organising Writers' Workshops in Kharoli of Haryana State for developing basic adult education materials for rural learners and in Madhya Pradesh for production of teaching-learning materials for non-formal education for the age-group 9 to 12. Another workshop was organised by Directorate for developing model supplementary literature for adult learners.

Training

(i) A National Seminar on Training Strategy was organised in June 1978 at New Delhi in which representatives of the development departments of Central Ministries and State Governments participated to evolve a coordinated strategy for training of personnel under National Adult Education Programme;

(ii) A Regional Training Programme was organised in collaboration with the State Government of Meghalaya for North-Eastern Region at Shillong from November 13-18, 1978. The seminar aimed at orienting Project Officers and enabling the States to plan their detailed training strategies; and

(iii) Specialist support in the form of resource persons was provided to the States/Union Territories of Chandigarh, Delhi, Haryana, Gujarat and Jammu and Kashmir in planning and organising training programmes for National Adult Education Programme personnel.

Monitoring, Evaluation and Research

(i) A four-day All India Seminar on Monitoring the National Adult Education Programme for evolving guidelines

was organised in August 1978 in collaboration with Council for Social Development, New Delhi. 44 participants drawn from universities, voluntary agencies, Planning Commission, State Resource Centres and other development departments attended;

(ii) Specialist assistance was provided to the Monitoring Group of Adult Education constituted by the Planning Commission to study education programmes including adult education by the Directorate; and

(iii) On the recommendations of the Committee on Preparatory Action for National Adult Education Programme, the Directorate prepared an illustrative anthology of case studies of past and on-going experiments in adult education under the title 'Fifty Years of Adult Education in India—Some Experiences'.

Sharing of International Experiences

(a) Organisation of International Conferences and Meetings:

On behalf of the Government of India, Directorate collaborated with Unesco Regional Office for Education in Asia and Oceania in organising the Meeting of Regional Panel of Experts for Research and Training in Literacy which held at New Delhi from 19-25 September 1978. In all 26 participants representing 11 countries participated in the meeting and made recommendations regarding research and training in literacy especially in the developing countries having low level of literacy in the region.

(b) Deputation of Officers for the study visits abroad :

(i) As a member of the Indian Delegation led by the Union Education Secretary, Dr. A. K. Jalaluddin, Director attended the Annual Conference of APEID Member States organised from March 21-30, 1978 at the Unesco Regional Office, Bangkok. He also visited Geneva to attend the International Seminar on Research and Literacy organised by the International Development Research Centre, Ottawa from November 18-27, 1978.

(ii) A ten-member Indian Delegation led by Dr. (Smt.) Chitra Naik, Director, State Resource Centre, Maharashtra, visited Thailand and Vietnam under a three-week Unesco Programme. Shri D. V. Sharma, Deputy Director and Shri S. P. Jain, Assistant Director represented the Directorate.

(iii) Under the Colombo Plan, Shri R. S. Mathur, Deputy Director was deputed to a six-month training programme in adult education at the University of Manchester in the U. K. Shri Mathur was also deputed to participate in a three-week workshop on Evaluation organised by Unesco Regional Office for Education in Asia and Oceania, Bangkok and the International Institute of Educational Planning, Paris; and (iv) Shri B. C. Rokadiya, Director (PVC) participated in the 7-Member team of Adult Education Experts from India to study the Adult Education Programme in Tanzania in November 1978.

During the period under report, there were several field visits from foreign visitors and delegations. The Directorate arranged consultation meetings and study programmes for them.

Technical support to On-going field programmes

The Farmer's Functional Literacy Project and Non-formal Education for 15 to 25 continued to receive technical support from the Directorate during the year. The Directorate has initiated steps to strengthen the professional base and resource development for the effective implementation of these programmes.

Urban Adult Education Unit

An area of innovative and explorative effort in adult education is related to education and occupational growth of workers employed in various sectors in urban and industrial area. Under the scheme of Government of India, Shramik Vidyapeeths which represent an institutional framework for planning and organising educational programmes for workers in urban and industrial settings have already been set up in 8 different places in the country. In all 50 such centres are envisaged to be in operation by the end of Sixth Plan period. In order to provide technical guidance in matters relating to planning and implementation of the programme of education of workers in urban and industrial areas in the country, an Urban Adult Education Unit has been set up. The Unit continued to provide specialist support to Shramik Vidyapeeths in existence at Bombay, Ahmedabad and Delhi. Operational guidelines have also been provided for developing the programmes of the newly approved centres at Bangalore, Calcutta and Jamshedpur. Efforts were also initiated to convert all workers Social Education Institutes set up earlier at Indore and Nagpur on the lines of Shramik Vidyapeeth.

Shramik Vidyapeeth, Delhi continued to function as a sub-unit of the Directorate. Besides organising programmes for

education of workers in Delhi and New Delhi areas, this Shramik Vidyapeeth is also intended to serve as a laboratory for developing model of programmes and illustrative teaching-learning materials and extend specialist support to programme of education of workers implemented in urban areas. Through Shramik Vidyapeeth several programmes tailored to the needs of different categories of workers were organised during the year.

CHAPTER XI

EDUCATION IN THE UNION TERRITORIES

Education in the Union Territories constitutes a special responsibility of the Central Government. The Territories of Goa, Daman and Diu, Pondicherry, Arunachal Pradesh and Mizoram have their own legislatures and exercise powers specified in the Government of Union Territories Act, 1963. Delhi has a Metropolitan Council and an Executive Council which functions according to the provisions of Delhi Administration Act, 1966. The other Territories, namely, Andaman and Nicobar Islands, Chandigarh, Dadra and Nagar Haveli and Lakshdweep have no legislatures. An account of the Educational facilities and activities during the year in respect of each of the Union Territories is given in this chapter.

A. ANDAMAN AND NICOBAR ISLANDS

The Directorate of Education, Andaman and Nicobar Islands continued to function under the administrative control of the Director of Education assisted by Education Officer (Principal, HQ), Assistant Director of Education, 6 Deputy Education Officers, 6 Assistant Inspectors of schools and heads of educational institutions.

There are 235 educational institutions comprising 15 Pre-Primary, 163 Junior Basic, 35 Senior Basic, 10 High schools and 10 Higher Secondary schools. There is a Teachers' Training Institute for pre-Service training. For the University Education, there is a Post-Graduate College providing facilities in Arts, Science and Commerce streams at degree levels and in Political Science and English subjects at the Post-Graduate level.

All the High/Higher Secondary schools are affiliated to the Central Board of Secondary Education, New Delhi. The Government College is affiliated to Punjab University, Chandigarh.

The total number of pupils at all levels was 35,994 whose levelwise breakup is given below :—

State of Education	Boys	Girls	Total
1. Pre-Primary stage	628	524	1,152
2. Primary stage	13,125	10,790	23,915
3. Middle stage	4,415	2,986	7,401
4. High/Higher Secondary stage	1,761	1,269	3,030
5. TTI	24	26	50
6. College	275	171	446
Total	20,228	15,766	35,994

The total number of teachers was 1844 of which 1629 were trained.

Stage of Education	Male	Female	Total	No. trained
1. Pre-Primary	4	35	39	12
2. Primary	623	436	1059	984
3. Middle	320	138	458	400
4. High/Higher Secondary	179	55	234	218
5. TTI	11	4	15	15
6. College	31	8	39	..
Total	1168	676	1844	1629

Medium of instruction

At the Primary stage instruction is imparted through Hindi, Urdu, Bengali, Tamil, Telugu, Malayalam, Nicobaree and English; at the middle stage through Hindi, Urdu, Bengali, Tamil, Telugu and English; at the High school stage through Hindi, Urdu, Bengali, Tamil and English and at the collegiate level through Hindi and English.

The annual Plan allocation for 1978-79 was 100.00 lakhs of which schemewise allocation is as under :—

Scheme	Allocation
	(Rs. in lakhs)
1. Elementary Education	53.000
2. Secondary Education	25.000
3. Teachers' Training	2.700
4. University Education	7.000
5. Adult Education	0.700
6. Physical Education & Games	0.550
7. Youth Services (Scouts & Guides)	0.150
8. NSS	0.100
9. Direction and Administration	4.450
10. Art & Culture	1.350
11. S.I.E.	1.000
12. Other programmes	2.000
13. Development of Hindi	2.000
Total	100.000

Financial concessions

Tuition free education up to the Higher Secondary stage, free midday-meals up to class VIII @20 paise per pupil per day, free Travel concession to students attending schools from beyond 4 kms and studying in secondary stage, free books to poor pupils whose parents income is less than Rs. 4000 per annum, up to Higher Secondary stage, free Text books and stationery to all tribal pupils up to Higher Secondary stage, hostel stipend to boarders @ Rs. 60 at school stages and Rs. 75 at collegiate level, free set of uniform to poor pupils whose parents income is less than Rs. 2500/- per annum, post higher secondary scholarships to local students for such courses for which facilities are not available in the existing Government college for higher education on the mainland are some of the concessions offered to students.

During the year 1978-79, 10 new Primary schools were opened, 2 existing Primary schools were upgraded to Senior Basic Schools, 2 existing Senior Basic Schools were raised to High schools and existing high schools were raised to +2 stage under the new pattern of education. In addition to above additional sections in different media were introduced according to require- guidance to physical Education Teachers of schools.

Teachers' Training

Towards training of teachers a sum of Rs. 50 per month is paid as stipend to each teacher trainee. In service courses for refreshing elementary teachers in Science and humanities were organised. The II year Summer-cum-Correspondence course for B. Ed. was conducted with the help of the Regional College of Education for 224 inservice teachers.

University Education

During the year, Post Graduate classes in English and Political Science subjects were added in the existing Government college. 6 Lecturers, Driver, Library Assistant/Attendant and 2 class IV were appointed.

Adult Education

A State Level Committee for Adult Education was constituted. On 15th August, Adult Education Programme was launched. 24 adult education centres were started. The total number of adults enrolled in these centres was 862. A separate unit of Adult Education was constituted. An Assistant Education Officer, one Stenographer, one Lower Grade Clerk were appointed for organisation of Adult Education Programme.

Textbooks Bureau

During the year 1978-79, a Text-books Bureau was established in the Directorate with skeleton staff in the initial stage. The Board will arrange translation of NCERT books in Tamil, Telugu, Bengali and Malayalam for elementary classes.

State Institute of Education

From the current academic session, the State Institute of Education has been started. The State Institute of Education will provide facilities of inservice education to all categories of

teachers in different subjects by organising seminars and workshops.

Physical Education & Sports

A post of Supervisor Physical Education has been created to promote Physical Education activities in schools and arrange guidance to Physical Education Teachers of schools.

State and Zonal Libraries

With a view to strengthening the State as well as Zonal Libraries, new posts have been created at different levels.

Art and Culture

It is proposed to appoint part-time teachers in Music, Dance and Drama in order to cater for the people of this multilingual territory.

Remedial Teaching

For the benefit of weak students, remedial teaching was arranged at 6 centres to help weaker students to bring them at par with other students in different subjects. A provision for remedial teaching has been made for 8 months in 6 centres.

Supervised Study Centres

20 Supervised Study Centres are being opened at various places to provide coaching facilities to weaker students of middle classes in different subjects with the help of part-time Supervisors and teachers on a fixed monthly remuneration.

Compartmental classes

Compartmental classes were arranged for such students as were placed under compartment in the Secondary School Examination, 1978 to assist them to go through the compartmental examination.

Other Programmes

B.Ed. Course—With the resource persons of the Regional College of Education Bhubaneswar, the second year course i.e. Summer-cum-Correspondence Course leading to the B. Ed. degree was organised for 224 inservice untrained teachers at Port Blair during the vacation. 203 appeared of which 21 were placed in the first division, and 118 in second division.

National Award for Nicobaree teacher

Shri Fred Davidson a tribal Primary School Teacher was honoured with the National award for Teachers during 1978 from this territory by the Government of India, Ministry of Education.

Senior Division NCC

For the first time, Senior Division NCC has been introduced in schools in this territory. 51 cadets have been enrolled in three troops.

Symposium on Library Development

A symposium on the Growth and Development of Libraries in Andamans was organised on April 23, 1978 under the chairmanship of the Chief Commissioner.

Educational Broadcast for Classes XI-XII

A consultative panel under the chairmanship of Director, All India Radio, Head, Radio & Television of the Central Institute of English and Foreign Languages, Hyderabad, Chief Producer, Director-General of All India Radio and Principals of Higher Secondary schools was appointed to advise on the material for and presentation of educational programmes.

Rock climbing

14 cadets, 8 from Army and 6 from Navy were deputed to Kerala for the rock climbing course.

Symposium on Improvement of Educational Standard

Symposia and workshops were conducted during the year on education and educational technology.

A team consisting of three officials namely Dr. R. P. Singhal, Chairman, Central Board of Secondary Education, Shri Baldev Mahajan, Commissioner, Kendriya Vidyalaya Sangathan and Shri Girdharilal, Deputy Secretary, Ministry of Education and Social Welfare visited these Islands from 12th to 19th September, 1978 to study the educational problems and suggest solutions.

Income slab raised to Rs. 4,000 for free books

The Government of India has raised the income limit to Rs. 4000 as against Rs. 2500 per annum for the supply of free text books to poor students from the current academic session.

Continuing Education

A meeting of the State Board of Continuing Education was held on 19-8-1978 to review the progress of Adult Education in which representatives of Central Board of Secondary Education, NCERT and Regional College of Education, Bhubaneswar participated. It was suggested that the programme of the territory should be adjusted to the needs of the territory and to develop its own material.

Commendation certificates to teachers

On Independence Day, 5 persons (one Principal, 1 Physical Education Teacher and 3 Primary school teachers) received commendation certificates for their meritorious services in the field of Education.

Inservice Training for Hindi Teachers

An inservice training programme was organised in the Teachers' Training Institute for Hindi teachers teaching Hindi to non-Hindi students from 1-11-1978 in which 20 Primary School Teachers participated.

Inservice Training for Primary School Teacher in Science Education

Another inservice training course was organised at Car Nicobar for primary school teachers teaching Science in Primary classes.

Refresher course for Scout masters

A refresher course for scout masters and guide teachers was conducted at Diglipur from 7-11-1978 to 12-11-1978 in which 15 scout masters of North Andaman participated.

B. ARUNACHAL PRADESH

Allocation of Fund

The funds allotted for Education Department during 1978-79 are shown below :—

(Rupees in Thousands)

Sl. No.	Major Head	1978-79		
		Non-plan	Plan	Total
1.	277 Education	19727	15200	34927
2.	288 Social Securities & Welfare	5060	650	5710

Position and Number of Educational Institutions

Category wise

Sl. No.	Type of Schools/Institutions	1978-79	Remarks
1.	Pre-School Education Centres	35	According to the Government of India's programme for the introduction of Pre-Schooling.
2.	Primary School	834	} According to the Central School Organisation Syllabus these Schools are run.
3.	Middle School	107	
4.	Secondary School	22	} As per the Central Board of Secondary Education rules and regulations.
5.	Higher Secondary School (10+2) pattern.	7	
6.	College	1	With both Humanities and Science streams up to the Degree level—affiliated to Gauhati University.
7.	Teacher Training Institute	1	—
8.	Central School	2	—

Besides these, Voluntary Organisations like Ramakrishna Mission organised 3 (three) schools (two Secondary and one Middle) and Vivekananda Kendra Organisation organised 7 Primary Schools with the Government grant-in-aid in this Union Territory.

Vocationalisation of Education Programme is introduced in a few selected Schools of Arunachal Pradesh.

Enrolment Position Stage-wise

(Provisional)

Sl. No.	Type of Institutions	Enrolment (1978-79)		
		Boys	Girls	Total
1.	Pre Primary	925	480	1405
2.	Primary	23181	9679	32860
3.	Middle	9269	4263	13532
4.	Secondary	5111	2307	7418
5.	Higher Secondary	2377	1154	3531
6.	College	311	20	331

Other Educational Institutions

Sl. No.	Item	Number of Institutions/ Centres
1.	<i>National Cadet Corps</i>	
	(i) Senior Division Army Wings	1
	(ii) Junior Division Army Wings	32
	(iii) Junior Division Air Wings	1
	(iv) Senior Division Girls Army Wings	1
	(v) Junior Division Girls Army Wings	2
2.	<i>Rural Sports Centres</i>	10
3.	National Physical Efficiency Drive Test Centres (N.P.E.D.)	34
4.	<i>Adult Education Centres</i> (including functional literacy)	
	Adult Education	217
	Farmers' Functional Literacy Programme	120
	Non-formal Education	71
5.	Boy's Scouts Troops	55
6.	Girls' Guide Companies	20
7.	Club Packs	15
8.	Bulbul flocks	10
9.	Girls' Hostel	47

Deputation/Scholarships/Stipends in Public/Sainik Schools

Sl. No.	Item	No. of Students	Rate of Stipends
1	2	3	4
A. FOR SCHOOL EDUCATION			
(i)	R.I.M.C. (Dehradun)	1	Rs. 2,660/-
(ii)	Banasthali Vidyapith	45 (school student) 5 (College student)	} Rs. 2,200/- P.A.
(iii)	Vivekananda Vidyalaya Digboi, Assam.	1		Rs. 1,700/- P.A.
(iv)	Sainik School, Goalpara, Assam.	13 (Old)	Rs. 3,750/- P.A. each
(v)	Sainik School, Imphal	31 (Old)	Rs. 3,750/- P.A. each.
(vi)	Sainik School, Rewa	2 (Old)	Rs. 3,750/- P.A. each.
(vii)	Sainik School, Imphal	8 (New)	Rs. 4,000/- P.A. each.
(viii)	Post Graduate Students	27 (Old)	Rs. 175/- P.M. each. Rs. 150/- Book Grant per Annum (Subsequent).
		5 (New)	Rs. 175/- Per Month each. Rs. 300/- Book Grant Per Annum.
(ix)	A.P. Stipend	204	Rs. 150/- Per Month each. Rs. 150/- Per Annum (Book Grant).
(x)	Post Matric Scholarship	43	As per Government of India's rate.
B. FOR GENERAL HIGHER EDUCATION			
	I.A.S. Coaching in North Eastern Hill University.	1	Rs. 75/- Per month as assisted by Government of India.

Examination Results—1978

Sl. No.	Name of Examination	No. appeared	No. passed
1.	All India Higher Secondary Examination	16	9
2.	All India Secondary Examination	553	252

In service Training in 1978-79

Sl. No.	Course	No. of Teachers	Name of the Training Institute
1.	Short term English Training Course.	96	Buniyadi Siksha Bhavan, Changlang.

Procurement/Supply of School Text Books

During the year under report an amount of Rs. 9,04,095.00 was sanctioned and communicated to the District authorities to purchase Text books from authorised Publishers and Book-Sellers as per books prescribed by the N.C.E.R.T. and the Central Board of Secondary Education for the students of Arunachal Pradesh. The Schools are affiliated to this Board.

Supply of Newspapers/Magazines/Periodicals

Two sanctions—one amounting to Rs. 68,070.50 for Primary and Middle Schools and the other Rs. 12,272.00 for Secondary and Higher Secondary Schools for procurement of Newspapers and Periodicals have been accorded.

An amount of Rs. 40,774.00 was also sanctioned to the 19 (nineteen) different Secondary/Higher Secondary Schools as a subsidy for printing of school magazine during the year under report.

Developmental and Expansion Programmes

Sl. No.	Items	Target (1978-79)		Remarks
		Physical	Financial	
1	2	3	4	5
(Rupees in lakhs)				
<i>Elementary Education</i>				
1.	Opening of Pre-School Education Centre.	14	5.31	14 Schools sanctioned.
2.	Establishment of Primary Schools.	75	100.83	75 Schools sanctioned.
3.	Upgradation of Primary School to Middle School.	10	43.03	10 Schools upgraded.
4.	Strengthening of Primary and Middle Schools.	300 G/T	13.30	300 Graduate Teachers sanctioned.

1	2	3	4	5
5. Administration and Supervision of Elementary Education.		20 A.D.E.O.S. 4 L.D.C. 4 U.D.C. 2 D.E.O.	4.24	—
6. Grant-in-aid		6	30.00	—
Total			196.71	
<i>Secondary Education</i>				
7. Opening of Girls' Hostels	10		9.55	10 Girls' School sanctioned.
8. Upgradation of Middle School to High Schools.			40.82	—
9. Strengthening of Secondary Education.			6.57	—
10. Opening of Sports Schools	1		1.51	—
11. Opening of New Higher School at Itanagar.	1		3.12	Sanctioned
12. Vocationalisation of Education.		6 Senior Teachers		—
Total			64.83	
<i>Direction and Administration</i>				
13. Establishment of State Institute of Education.	1		2.04	—
14. Organisational Set up			1.27	—
15. Establishment of Board of School Education.	1		0.46	—
Total			3.77	
<i>Other Educational Schemes</i>				
16. Opening of Adult Education Centres.	42		2.00	Sanctioned.
17. Scouts & Guides	(1) Scout 4 (2) Guide 7 (3) Cub 15 (4) Bulbul 10		0.95	Sanctioned.
18. N.C.C. Activities			0.42	
19. Sports, Games & Physical Education.			3.32	Sanctioned.
Total			6.69	

1	2	3	4	5
<i>University Education</i>				
20.	Strengthening of J. N. College.		15.00	—
21.	Establishment of New College.		5.00	--
Total			20.00	

Recruitment of Teaching Staff

Sl. No.	Categories of teachers	Existing No. of Sanctioned Posts	New Recruitment
1.	Senior Teacher	122	4
2.	Assistant Head Master	4	Nil
3.	Junior Teacher (Graduate Teacher)	1262	303
4.	Assistant Teachers Grades 'A' & 'B'	960	45
5.	Assistant Teachers Grade 'C'	96	Nil
6.	P.T.I.	18	Nil
7.	Librarians	18	Nil
8.	Teachers for Agriculture	4	1
9.	Teachers for Wood Work	10	Nil

Gazetted Posts

1.	D.P.I.	1	—
2.	Jt. D.P.I.	1	—
3.	D.D.P.I.	3	—
4.	A.D.P.I.	4	1 Post newly created but yet to be filled in.
5.	Principal, J. N. College	1	—
6.	Principal, B.S.B.	1	—
7.	Principal, Higher Secondary Schools	7	1 for New Itanagar School.
8.	D.E.O.s	8	2 newly created but yet to be filled in.
9.	Lecturers, J. N. College	39	—
10.	Headmasters, Secondary Schools	22	—
11.	Vice Principals, Higher Secondary Schools	7	—

C. CHANDIGARH

The Union Territory of Chandigarh continued to make rapid progress in the field of Education during the period under report.

Following the heavy increase in the work load of the Department, the Administration placed the Department under two Directors of Public Instruction, one for Colleges and General Administration and the other for Schools.

Budget

The Budget of the Department increased as under :—

	(In lakhs)	
	1977-78	1978-79
Non-Plan	128.75	259.84
Plan	52.74	66.00

Enrolment

The enrolment at various stages increased as under :—

	1974-75	1978-79
Class I—V	34,700	39,100
VI—VIII	14,700	19,950
IX—XI	8,000	10,100

New School

Chandigarh being the Head-quarters of the neighbouring two States of Punjab and Haryana and of the Regional Offices of the Central Government and established Business concerns, it is expanding rapidly in all spheres. New Sectors are developing fast. This development has led to the opening and upgrading of new schools in Chandigarh during the last 23 years. In the year 1978-79 in Rural Areas, seven primary schools were upgraded to the middle standard and one middle school was upgraded to the high standard. In the urban areas are a Model Primary school in Sector-31 exclusively for the Children of Army personnel and 3 primary schools in Sector 34, 47, and 37.

Building

A sum of Rs. 10.00 lakh has been provided for extension of school buildings in the rural/urban areas.

In the year 1978-79 construction of school buildings in Sectors 32, 34 and 26 Transit Site has been undertaken. Apart from this, funds have been provided for the construction of school buildings in sector-40 and for additional wings in the Government Middle School Sector-32 and Government Primary School Sector-35. It is expected that by the end of 1978-79, all these buildings shall be handed over to the Education Department.

Incentive for Children of weaker sections of Society

(i) Attendance Scholarships

During the year 1978-79, attendance scholarships to girl students have been increased from 500 to 1000 and a sum of Rs. 4800 has been earmarked.

(ii) Mid-day meals

Under the Mid-day Meals programme, children upto class V have been covered from all rural and labour colonies and class I to IV in Urban Government School and from Nursery to Class II in recognised schools. The number of beneficiaries has increased from 14500 to 20500 approximately.

(iii) Free stationery and books is being given to 1000 children from the weaker sections of Society.

Curriculum Improvement

(i) An Uniform pattern of education which was introduced in class IX during 1976-77 was extended to class X during 1977-78. Since the neighbouring States of Punjab and Haryana had not switched over to the new pattern of education, the starting of class XI under 10+2 pattern in Union Territory Schools was deferred during 1978-79. To solve this problem, class XI (Pre-University) has been opened in all the existing Higher Secondary Schools. The Punjab University, Chandigarh shall be conducting the examinations of the XIth class students alongwith Pre-University classes attached to colleges.

Reading Rooms

During 1978-79 two Reading rooms have been sanctioned and are functioning effectively in village Kajheri and Sector-26.

Adult Education

Adult Education is being given more impetus during 1978-79. It is proposed to start 150 Adult Education Centres in Chandigarh. Presently the 77 Adult Education Centres are functioning which are run in collaboration with PWD/Health Departments and Nehru Yuvak Kendra. Besides 77 Centres, Voluntary organisations are also running 31 Adult Education Centres. The number of these centres is likely to increase upto 150 during 1978-79.

For effective supervision and control over these agencies/centres an Adult Education cell is being set up which will be placed under a Deputy Director.

University Education

Besides the normal expansion, additional funds have been sanctioned for strengthening libraries/laboratories of Government Colleges.

Sports and Youth Welfare

(i) Rs. 1.00 lakh has been sanctioned for the purchase of boats for the Lake Club, Chandigarh.

(ii) Rs. 2.09 lakhs have been sanctioned for the Badminton Hall and Tennis Stadium.

Art and Culture

A National Portrait Gallery has been opened in the heart of the City in order to make it accessible to the residents of this territory. Library facilities are being strengthened. It is proposed to start mini-libraries. Additional funds have been provided for strengthening the Central State Library and Mobile Library.

Middle School Examination

The Middle School Examination has also been introduced for students of Model schools in the Union Territory, Chandigarh.

D. DELHI

Educational Facilities

To cope with the ever increasing growth of student population in Delhi, the Administration opens schools every year. Wherever necessary, new sections are also added in existing schools. This year the Administration has opened 5 middle schools and 23 Secondary schools. The tables given below reflect total number of schools in Delhi.

Agency	Middle			Secondary			Senior Secondary		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Government	159	91	250	78	56	134	115	145	290
Aided	16	12	28	27	12	39	65	54	19
Unaided	33	8	41	23	7	30	18	15	33
N.D.M.C.	8	2	10	..	..	..	2	2	4
Centre	..	..	..	..	..	..	13	..	13
TOTAL	216	113	329	128	75	203	243	216	459

Enrolment in thousands
1977-78

Agency	Boys	Girls	Total
Primary	270	223	493
Middle	160	118	278
Secondary	81	56	137
Senior Secondary	27	19	46

Education through Correspondence Courses is being provided to such students who cannot attend regular schools. 12 adult schools have also been set up for such students. At present about 1400 students are getting education through correspondence course and about 6500 students are in evening schools. This year 3 of the 12 adults schools have been upgraded to class XII to give more facilities to those students who are not able to take advantage of regular schooling but want to continue their studies. Also +2 stage has been introduced in Correspondence Course.

Since it is not economically expedient to open secondary schools in every village, free transport facilities have been provided to girl students in rural areas to enable them to travel to

the nearest school. At present 2700 girls from 112 villages are getting benefit from this facility. Maintenance grant is provided to all Colleges sponsored by the Administration. Building grant to the extent of 50 per cent of the total expenditure is provided.

Improvement in the quality of Education

The S.I.E. and Science Branch attempt to improve the quality of education by improving the quality of teaching by orienting teachers by organising suitable inservice education programmes, Seminars workshops, and demonstration teaching. Conferences are organised in different subjects with a view to bringing about qualitative improvement in the teaching of non-Science and Science based subjects. The workshops are conducted to re-orient teachers in new contents of courses and methodology in the teaching of new subjects under the new pattern of education and on the basis of revised curriculum. As during the previous years the Science Branch conducted JSTS Examination in which 100 candidates were declared successful. Science fairs were arranged to develop the talents of young scientists.

Educational Administration and Planning

Recognising the crucial importance of the role of the District Education Officer as an administrative planning, professional leader, bridge builder between the school and community and also observing that there are inherent weaknesses in the present set up of administration, the Delhi Administration organised two six days training courses for 40 education and deputy education officers with the assistance of National Staff College for Educational Administration and Planning.

4th All India Educational Surveys

Viewing with concern the High rate of dropouts even before completing first step of education despite continuing rise in the percentage of enrolment at different levels of education during the last 2 decades, the Administration is conducting 4th All India Educational Survey at the request of Ministry of Education. The preparatory work has been completed under the expert guidance of one Survey Officer and the task is likely to be completed within 6 months.

Adult Literacy Programme

Acknowledging the fact that even after 25 years of independence, half of the illiterates of the world live in India and the percentage of literacy is very low i.e. as per 1971 census, the total literacy is 56.6 per cent (63.71 male and 47.75 female) particularly the percentage of rural literacy is 23.74, the administration has launched a big adult literacy programme and propose to spend 50 lacs during the current year. A separate unit has been established for the purpose. The main aim of this programme is to increase the number of literates in the Union Territory of Delhi. The illiterates in the age group 15-35 will be helped to acquire literacy skills which may enable them to read and write and thus becomes useful citizens. This programme hopes to increase the social awareness of the people and help them to improve their living conditions and to lend maximum possible hand in the huge task before the country.

Students' Welfare

Monetary incentives are given to students belonging to poor and backward classes for their meritorious performance, scholarship worth Rs. 92 lacs have been given benefiting 72000 students. Stipend to all students belonging to SC/ST is being given which amounts to Rs. 20 lacs in total.

Book Bank

Book Banks already established in Government and Government aided schools have further been strengthened by adding books worth Rs. 5 lacs during the year. Students whose parents' income does not exceed Rs. 500/- get benefit of these book-banks.

Educational Tours

The Administration provided funds to the tune of Rs. 5000/- for conducting educational tours to the various parts of the country so as to strengthen the feeling of openness among students of different parts of the country.

Study Centres & Camps

Those students who do not have suitable accommodation and light arrangements at their homes are provided facilities at 30 study centres in city area. 4 camps in rural areas also provided opportunity for study. They are given suitable guidance by the teachers.

Funds to the tune of Rs. 10 lacs have been earmarked for the purchase of uniforms for its free distributions among the poor students of weaker sections of society.

To improve the physical fitness of students and encourage healthy growth, 3 schemes are being implemented on which the administration has spent Rs. 6.00 lacs. The unit established for the purpose organised competitions at Zonal/District level in different games and sports. It also encouraged out-of-school players by giving them annual grants and certificates.

Teachers' Welfare

State Awards are given to 10 teachers who have rendered meritorious service in the field of Education. For the benefit of students desiring admission in Class XI after passing the Boards' Examination of Class X, a special admission cell under the Assistant Director of Education was set up to give guidance to students and lend every possible help in getting admission in Delhi Schools.

Provision of School Building

13 new Higher Secondary School buildings have been completed and 18 buildings are under construction. Construction of 8 new buildings will be started during the year. Extension to 6 school buildings have been completed and extension to 7 buildings are being carried out. The construction of 515 temporary class rooms will be started this year. These will replace tents.

Important Committee

Examination Committees

The Directorate of Education in consultation with the Central Board of Secondary Education decided to hold examination for class XI which was previously to be held by the Central Board of Secondary Education. Thus an examination Committee has been set up under the Chairmanship of Joint Director of Education, and members which looked after the conduct of examination for class XI.

Autonomous bodies

There are 3 autonomous bodies under the Directorate of Education viz. Sahitya Kala Parishad, Delhi Council of Sports and Textbook Bureau. Sahitya Kala Parishad organises Dance and Music programme and other cultural programmes in the Capital. It also give grants to the recognised/noted poets/writers for their services in the field of art and culture and celebrates days of national importance by organising various cultural programme. Delhi Sports Councils perform the same functions in the field of games or sports.

The Textbook Bureau takes up the responsibilities for the publication of textbooks prescribed for primary and middle classes in Government schools. It also undertakes the work of distribution of paper received from the Government of India at concessional rate among the publishers for the publications of textbooks and exercise books at cheaper rates.

(Rupees in lakhs)

	Plan	Non-Plan
Budget 1978-79	989.77	3399.20
Expenditure up to December	558.21	2321.67

This year (1978-79) being the last year of 5th Plan and also first year of the 6th Plan all committed liability shall be transferred to Non-Plan from next year. However, to extend further the schooling facilities and for this, a provision of 1 crore has been made under Plan during 1979-80.

E. DADRA & NAGAR HAVELI

The Union Territory of Dadra and Nagar Haveli is very small territory having 72 villages with a total population of about 80,000 out of which 88 per cent population is of adivasis. There are only 157 Primary Schools teaching from Standard I to VII and 4 High Schools teaching from Standard VII to X and one Higher Secondary School started from June, 1976 with three wings viz. Arts, Science and Commerce. There are 11 Pre-Primary Schools run by the Administration.

Enrolment		Boys	Girls	Total
Pre-Primary Schools . . .	11	287	264	551
Primary Schools (Government)	144	8367	5081	13448
Private Recognised Mission Primary Schools . . .	13	802	461	1263
High Schools . . .	4	557	302	859
Higher Secondary School .	1	141	51	192

The territory is following the prescribed syllabus of our neighbouring State of Gujarat. New Syllabus has been introduced in all the Primary Schools. A seminar was organised in the summer vacation during the year to give orientation to the teachers.

In order to prepare the students for technical and vocational subjects this Administration has introduced the following subjects in all the secondary schools of the territory :

1. Workshop Technology,
2. Element of Electrical and Mechanical Engineering.
3. Engineering Drawing.

Vocational Subjects

1. Agriculture
2. Typewriting
3. Tailoring
4. Drawing.

In short all the Secondary Schools have been vocationalised as per the instruction of the Government of India.

One Higher Secondary School is running at Silvassa the capital of this territory, on the pattern 10+2+3 adopted in Gujarat State. In order to prepare teachers in the teaching of the new syllabus, three teachers were deputed for the training of Higher Secondary Subjects in Gujarat State.

There is no facility for Higher Education in this small territory. However, Scheduled Castes, Scheduled Tribes as well as Lower Income Group Students are being awarded post-matric

scholarships. In addition to this, those students who leave study before the SSC class and desire to pursue professional courses are being granted Pre-Matric Scholarship. The number of such students is on the increase. Besides, the Government of India is allocating seats for various courses like Medical, Engineering, Agriculture, Petro-chemical, Pharmacy and Veterinary Science. The applications for the said reserved seats are invited and eligible students are being sent every year.

In the field of Elementary Education, this Administration provides facility of hostels to all Scheduled Castes and Scheduled Tribes and Economically Backward Class students. 655 inmates were benefited during the year. There are 9 such Social Welfare Hostels including 2 girls hostels and one Ashram Type School being run by the Administration, in which free lodging and boarding are provided to the inmates.

So far as Physical Education is concerned, the department has introduced Physical Education in all Primary, Secondary and Higher Secondary Schools and this subject is made compulsory. Adequately qualified teachers have been provided. There are two troops of NCC cadets established in two Secondary Schools, each troop having 125 cadet strength including girl cadets. In short due importance has been given by the Administration to Physical Education in all the schools for which adequate budget provision is also made.

Enrolment of Scheduled Castes and Scheduled Tribes

	Scheduled Castes	Scheduled Tribes
At Primary level	457	11,855
At Secondary level	40	310
At Higher Secondary level	7	49

Promotion of Games & Sports

A multipurpose Olympic Stadium ground is provided by the Administration at Silvassa, the capital of Dadra and Nagar Haveli. Different games and sports are being organised by the school students and youths. The Annual Sports Competition of school students is being organised on the same ground. Moreover, as proposed in the Annual Plan the Open sports competition will

also be held from this year. The activities of sports and games are carried out in all the schools of the territory.

UNICEF Science Education Programme

UNICEF Science Education Programme has been launched in 60 Primary Schools and 90 Primary Teachers have been trained. One trained Science Teacher of High School has been appointed as Science Supervisor under the programme. 50 Kit-boxes are received and distributed to the 50 Primary Schools. Necessary guidance for the use Kit-boxes has been given to the concerned teachers. One Training Camp was also organised at Rakholi Ashramshala from 16-10-78 to 27-10-78 for imparting training to more teachers. 125 Primary School Teachers have been trained in this training camp. The classes were conducted by two experts from Science Education Unit of Gujarat State. 4 High School Science Teachers have given the lectures and practical work. 45 more Kit-boxes have been received shortly. One Supervisory vehicle is also allotted to this territory for better implementation of the programme and supervision.

Non-Formal/Adult Education Programme

The Adult Education Programme has been implemented in the territory from 2nd October, 1978 by opening a Centre at Randha. Under the programme, in all 30 centres have been started with the enrolment of 992 adults in the age group of 15—35. These classes are being run at night time by the school teachers or village youths. The formal & Non-formal education centres have been merged into Adult Education Centres. Learning materials are being supplied to the adults free of cost. One Supervisor for supervision of adult education classes has been appointed from the Primary Teacher and one more Supervisor will be appointed shortly.

School Buildings

This Administration has taken keen interest to provide adequate facilities of Government buildings for schools wherever possible. There are 144 Primary Schools run by this Administration, out of which 75 schools are having *pucca* building and remaining schools are running in the private rented houses. During the ensuing Sixth Five Year Plan all the remaining schools will be provided with *pucca* building with residential accommodation for teachers. All the four High Schools with Higher Secondary School is having its *pucca* schools building with adequate facilities of Laboratory and Workshops.

In order to provide the adivasi students with facilities to study Agriculture and Animal Husbandry this Administration has started Agriculture as a vocational subject in selected Primary Schools and all four High Schools.

Educational Facilities

1. Free Education is provided up to Higher Secondary stage in this territory.
2. Free Mid-day-meals are being provided to all the Students of pre-primary and primary schools.
3. Free supply of text-books, note-books, slate-pen-pencils, to all the Scheduled Castes/Scheduled Tribes and other economically backward students.
4. Free supply of cloth to Scheduled Castes/Scheduled Tribes and EBC students of Primary and High Schools.
5. There are 9 Social Welfare hostels being run by the Administration, in which free lodging and boarding facilities being provided to the inmates of the hostels. Only Scheduled Castes/Scheduled Tribes and Economically Backward Class students are given admission.

Basic Education

Most of the Primary Schools have Spinning and Weaving and Agriculture subjects as crafts which are being taught from Standard V to VII. The simple craft of making objects and articles from clay and thick paper is also being taught to the pupils of Standard I to IV. There are three Primary Schools each in Silvassa, Naroli and Dadra where Carpentry, Sewing, Embroidery etc. are being taught to the students in addition to Spinning, Weaving and agriculture subjects.

Applied Nutrition Programme

There are 11 Primary Schools where applied nutrition programme is being run by the Block Department of this Administration. These schools grow vegetables, paddy, fruits etc. The vegetable is utilised by the pupils. Fruit bearing trees are also planted during monsoon season.

Teachers' Welfare

Teachers' Day was celebrated on 5th September, 1978 and an amount of Rs. 2,685.35 p. was collected towards the Teachers' Welfare Fund.

F. LAKSHADWEEP

School Education

The number of educational institutions in the Union Territory during the year of report is 39, which includes 17 Junior Basic Schools, 9 Nursery Schools, 5 Senior Basic Schools, 7 High Schools and one Junior College. The enrolment in different stages are shown below :

Nursery Schools	682
Primary Schools	8325
High (Secondary) Schools	1132
Junior College	226

Besides the above, 156 students are studying for different Post-Matric/degree/professional courses in mainland.

Special facilities for Girl's Education

Two Senior Basic Schools are functioning exclusively for girls. Separate divisions for girls are functioning in High School Sections at Kalpeni. Hostels are also provided for girls at the high school and college levels where free boarding and lodging are given.

Vocational Education

Typewriting is taught in four High Schools and in two High Schools Fisheries Technology is taught. In Five High Schools paper machine craft and clay modelling are taught. All the seven High Schools have facilities for needle work and tailoring for girls by appointing four more needle work teachers, in four high schools this year.

Scholarships and Grants

The Scheme of granting Scholarships to students of high schools and College was continued. Students deserving higher

education on mainland are sent there and they are either given scholarship and lump sum grants or if they are admitted in approved hostels actual mess dues are sanctioned by the Administration. The total number of Scholarship holders this year is shown below :—

High School	769
Junior College	31
On mainland	156

For those students who come from one island where facilities for higher education are not available to another island, hostel accommodation is provided free. In case due to shortage of accommodation, admission to the hostel is refused, they are given scholarships at the approved rates. Books and writing materials are given to all students free. Students upto seventh standard are given free midday meals.

Facilities for teacher training

There is no Teacher Training Institution or any Technical Institution in this Territory. Candidates for these courses are sent to different Institutions on mainland.

Special facilities

All the inhabitants of these islands are classified as Scheduled Tribes and all the facilities are meant for them.

Students' Tour

Students of the final year classes (Xth Standard and second year of Pre-degree course) were taken on educational tours to various places on mainland.

Sports, NCC and Scouts and Guides

Supply of Sports articles were made to all schools. Inter-J.B. School Sports meet was conducted in all islands. National Physical Efficiency Tests were conducted. High School, Minicoy represented this Union Territory in the Subroto Mukherjee Cup Football Tournament at New Delhi during December 1978. Additional Playgrounds were acquired at Kavaratti and Androth. Five Junior Divisions and One Senior Division NCC troops continued functioning. Besides, one more Junior Division NCC troop was

opened at High School at Agatti. Nine Scouts troops and one girl guide started functioning.

Social Education

Adult literacy Centres continued functioning in all islands. Under the National Adult Education Programme, additional Centres were opened on 2nd October 1978. Besides literacy classes, women are given training in tailoring at the Mahilasamajams under this programme. Nine Reading room-cum-libraries in nine islands and one Central Library at Kavaratti also functioned during the year. Library books, Magazines and Newspapers were supplied to all libraries.

The State Social Welfare Advisory Board continued functioning. Under this programme, 7 Balawadis and one Boarder Area Project have been started. The Board conducted one seminar of women to train them in leadership.

Student amenities

Textbooks, Writing materials, Mid-day meals were supplied to all pupils free. Scouts were supplied with free uniforms.

Other programmes

For the first time in the history of these islands some students were sent to Junior Technical School in Kerala. Also ten candidates were sent for Fishing second hand course and Engine Driver's course at Central Institute of Fisheries Technology at Cochin during the year.

G. MIZORAM

As on 17 January, 1979 the enrolments at the primary, middle, secondary and college stages were as shown below :—

	Primary Stage	Middle Stage	Secondary Stage	College Stage
Enrolments	83,408	24,035	14,129	3,495

Buildings

While one institution at the secondary stage and one at the college stage have a pucca building, 361 buildings at the primary stage, 185 at the middle stage, 90 at the secondary stage and 3 at the college stage are semi-pucca buildings. 153 primary schools, 49 middle schools and 25 secondary schools are housed in tents. Some buildings are under construction.

Budget

The budget allocation made for 1978-79 and the amount utilised for the construction of buildings at the various stages of education are as below :—

(Rupees in thousands)

	Budget Allocation	Amount Utilised
Primary	13,709	26,718
Middle	11,890	11,900
Secondary/high Schools	9,749	10,078
College	2,360	3,020

The question of switching over to the new pattern of Education is still under consideration.

The earlier target of 95% set for achieving universalisation of education by 1980 for the age group 6—11 years is being revised with a view to achieving 100 per cent universalisation more speedily.

A target for the production of 5000 neo-literate adults of the age group 15 to 45 every year has been fixed.

There are five colleges of which two are Government and three are Government Aided. In addition there is a Mizoram Institute of Education for Teachers' Training run by the Government. There are 532 Government schools and 348 Government aided schools. Other special institutions are one Industrial Training Institute, one Mizoram Hindi Training Institute and two Undergraduate Teachers' Training Institutes.

A Polytechnic is proposed to be started during 1978-'9.

H. PONDICHERRY

Education in this Union Territory during 1978-79 has recorded commendable achievements. The physical targets set out under various schemes have been achieved in full in most of the schemes.

Two Pre-primary Schools (One French Medium and One English Medium) have been opened in Pondicherry. Two posts of Balasevika and two posts of conductress were created.

Five new Primary Schools have been opened. Twenty six next higher standards and nine additional classes have been opened at the Primary stage of Education. The enrolment at the Primary stage is 72310. The additional enrolment during the year under report is as follows :

Girls	31,740	(90%)
Boys	40,570	(106%)
TOTAL	72,310	(103%)

Two Primary Schools have been up-graded into Middle Schools. Two next higher standards and two additional classes have been opened at the Middle stage of Education. To run these classes 5 posts of Secondary Grade Teacher have been created. Two posts of school Assistant Grade-II, six posts of Tamil Pandit Grade-II, one post of Hindi Pandit Grade-II, three posts of Craft Teacher, three posts of Physical Education Teacher, four posts of Peon, five posts of Watchman, one post of Sanitary Helper and two posts of Sanitary Assistant have been created. Most of these posts have been filled up. The total enrolment at the Middle stage of Education is 28641. The details of additional enrolment achieved during this year are as follows :

Boys	1188	85%
Girls	682	51%
TOTAL	1870	68%

To achieve the enrolment target fixed, incentive schemes viz. supply of Mid-day Meals to poor children studying in I—V Standard and free supply of stationery articles like school bags,

slates, pencil, etc. to about 22570 poor children studying in I to V Standard is continued.

As regards Lower Secondary Education, 3 new High Schools (One Girls High School and Two Mixed High Schools) have been opened. Six additional classes and one next higher standard have also been opened in the High Schools. One post of Headmaster Grade-I, ten posts of School Assistant Grade-II, ten posts of Language Pandit Grade-I, ten posts of Assistant Librarian Grade-III, two posts of Drawing Master, three posts of Sewing Mistress, two posts of Music Teacher, two posts of Physical Education Teacher, four posts of Laboratory Attender, two posts of Lower Division Clerk, four posts of Sanitary Helper, four posts of Sanitary Assistant, three posts of Watchman, and one post of Peon have been created for the High Schools.

The present enrolment of students at the Secondary stage of Education is 12889. Additional enrolment achieved under this stage during this year is indicated below :

Boys	8778	46%
Girls	4111	21%
TOTAL	12889	31%

Science clubs have been started in eight more schools in addition to thirty two clubs already opened.

This Administration have formulated a master plan on "Universalisation of Elementary Education" following the guideline of the Ministry of Education. The Planning Commission has approved an outlay of Rs. 1.70 Crores for the elementary education for the entire sixth five year plan. This Administration have proposed to achieve 100 per cent enrolment of age group 11—14 also by the end of sixth plan.

To improve the professional competence of teachers, refresher/reorientation courses have been conducted. A seminar on developing concepts relating to Universalisation of Primary Education and Functional Adult Literacy for Primary School Teachers in Rural areas was conducted at Karaikal from 12-10-78 to 14-10-78. The programme was conducted in collaboration with Field Adviser, NCERT, Madras. Eight Graduate Teachers were deputed to attend the orientation programme of the new staff of State Institute of Science Education in Science at the Department

of State Educational Research and Training, Bangalore from 6-9-78 to 16-9-78. A one day seminar on "condensed lesson plan" for the benefit of Heads of Secondary and Higher Secondary Institutions was arranged on 7th September, 1978 at Pondicherry in which 45 Heads of Institutions participated. The Field Adviser, NCERT, Madras, organised the seminar. Two French Teachers have been deputed to attend a refresher course in French at the Centre International d'etuds Pedagogiques under the Indo-French Cultural Exchange Programme. A refresher course for the benefit of all French Teachers was held from 17-4-78 to 24-4-78 at Pondicherry. An exhibition on linguistics was also conducted. Three Principals of Higher Secondary Schools where vocational courses have been introduced were deputed to attend the High level Seminar on Vocational Education in the +2 system held at Madras. Nine Teachers have been deputed to attend the Orientation Course under the scheme "Propagation of Culture among college and school students" organised by the Department of Culture, Government of India from 22-11-78 to 19-12-78 at new school, Kurusukuppam, Pondicherry. One hundred Secondary Grade Teachers working in Primary schools (70 from Pondicherry and 30 from Karaikal) were given orientation training in Primary Science from 16-10-78 to 14-11-78. A Workshop on "selected concepts in Physics, Chemistry, Biology and Mathematics" was conducted from 28-11-78 to 2-12-78 at Calve College, Pondicherry which forty Graduate Teachers attended.

Seven Government High Schools, (five in Pondicherry, two in Karaikal) have been upgraded into Higher Secondary Schools. Besides Higher Secondary Courses have also been introduced in two Women's Colleges in Pondicherry and Karaikal. In addition to the Government Institutions, four private Institutions have also been permitted to conduct +2 courses. This is the first year of the two years Higher Secondary Course in Pondicherry and Karaikal regions of this Union Territory when the new pattern (10+2) of education has been implemented during 1978-79. The enrolment of students in the Higher Secondary Courses is as follows :—

	Boys	Girls	Total
Government Higher Secondary Schools	1100	499	1599
Private Higher Secondary Schools	208	75	283
TOTAL	1308	574	1882

The Educational facilities in the Colleges/Polytechnic have been expanded by providing laboratory materials in order to improve the standard of Education. The following new degree/Post Graduate Courses have been started.

B.Sc., (Physics) } B.Sc., (Zoology) }	Arignar Anna Government Arts College, Karaikal.
B.Sc., (Botany)	Avvaiyar Government College for Women, Karaikal.
B. Com.	Government Arts College, Yanam.
M.L.	Government Law College, Pondicherry.

150 awards of Pondicherry State Post Matric Scholarship, 3 awards of National Scholarship for the children of School Teachers, 18 awards of National Scholarships and 18 awards of National Loan scholarships are being sanctioned to help the poor and meritorious students to prosecute their higher studies. The scholarship scheme for political sufferers, the Scheme of Student Aid fund in the Colleges and the Merit cum Means scholarship scheme have been continued in Secondary Schools. 250 merit prizes at the rate of Rs. 10/- per student and 175 merit cum means scholarship at the rate of Rs. 100/ per student per annum is being sanctioned.

Two more high schools have been selected to introduce the Work Experience Programme. Interior Decoration and Book Binding are the Crafts selected during 1978-79. Two posts of Junior Instructor and two posts of Attender were created under this scheme.

Physical Education schemes like, Play Festival, Youth Festival, Childrens' Rally, Inter Schools competition etc., have been continued.

Seventeen new Non-formal Educational Centres and ten Farmers Functional Literacy Centres have been started during 1978-79. The National Adult Education Programme was also launched on 2nd October, 1978. 70 new Adult Education Centres have been started under this scheme. A separate cell headed by the Deputy Director of Education has been set up in the Directorate of Education to deal with all matters connected with Adult Education.

The National Service Scheme made strides with a student strength of 600 and 300 for normal activities and special camping programme respectively.

The Public Libraries have been strengthened by addition of books. Twelve new branch libraries will be opened and 12 posts of Assistant Librarian Grade-III will be created to look after the new libraries. A Book fair was held under the auspices of the Romain Rolland Library in the Library premises for ten days.

The Jawaharlal Bhavan has been provided with additional facilities to function satisfactorily. Eight children of the Bal Bhavan got prizes in the VIII All India Child Art Exhibition conducted by Navarang Chitrakala Niketan, Guntur.

I. GOA, DAMAN AND DIU

Enrolment

Primary Stage	Middle Stage	Secondary Stage	Higher Secondary Stage	College Stage
1,18,953	65,238	34,525	5,965	6,025

Staffing Pattern (Teacher/Pupil Ratio)

Primary Stage	Middle Stage	Secondary Stage	College Stage
1:30	1:29	1:16	1:16

Buildings

	(Stages)			
	Primary	Middle	Secondary	College
Pucca	891	131	233	21
Kachcha	..	..	..	..
Tents etc.	..	..	..	..

Budget Provision

(Rs. in lakhs)

	1977-78		1978-79
	B.E.	R.E.	B.E.
Primary and Middle	260.30	356.46	351.19
Secondary	336.63	509.61	476.27
College	48.41	67.22	63.39

Utilisation of funds at all stages

Primary and Middle	356.46 lakhs
Secondary	509.61 lakhs
College	67.22 lakhs

Position regarding switching over to new pattern

The new pattern of education *i.e.* 10+2+3 has already been introduced in this territory from the year 1975-76. During 1978-79 a total of 16 institutions (both Government and Aided) have attached higher secondary classes with a total enrolment of 5965 students. The total provision for Higher Secondary education is Rs. 16.00 lakhs under plan sector.

Universalisation of elementary education

In order to universalise elementary education and also to minimise the rate of wastage and stagnation this administration has adopted the following measures and incentives :—

- (i) Free elementary education in all the Government institutions.
- (ii) Ungraded pattern—As a measure to combat wastage and stagnation and to encourage retention at Primary stage, the common examination at the end of the year for the class I to IV is eliminated and instead ungraded pattern is introduced.
- (iii) Mid-day meals/school feeding programme plays a dual role; firstly to provide nutritious food to the primary school children belonging to 6-11 age group

hailing from backward areas and also to act as an incentive to achieve maximum school attendance.

- (iv) Book grants and supply of school uniforms to needy and deserving students at primary and middle stage are being provided under plan schemes.
- (v) The percentage of trained primary school teachers is steadily rising (which is 73.2%) who are advised to pay house to house visits specially in rural areas at the commencement of the academic year to persuade reluctant children to join schools.

Number of Institutions—Government and Aided

	Government	Aided (Private)
(i) Colleges	6	15
(ii) Schools	1054	277
(iii) Technical Institutions	8*	—
(iv) Special Institutions	1 ^a	

* (including 1 Engineering College 1 Polytechnic and 5 ITI's).

^a(Food & Craft Institution).

CHAPTER XII

ACTIVITIES IN COMMON AND CLEARING HOUSE FUNCTIONS

In this chapter, is included an amount of the various activities undertaken by the Ministry, not covered by the earlier ones. These activities include policy formulation, development planning, budgeting, encouragement to the progressive use of Hindi, reservation of posts in the services for Scheduled Castes/Tribes and other backward classes, and student welfare measures. Some of them pertain to the Departments of Education and Culture in common.

Also included in this chapter is an account of the clearing house functions followed during the year. One of the important functions of the Union Ministry of Education is to act as a clearing house of information on all matters relating to educational development. The Ministry, accordingly, collects, compiles and publishes educational statistics, brings out journals and other published material on education and culture in Hindi and English. A students Information Service Unit in the Ministry attends to enquiries about facilities for higher education in this country and abroad.

Conference of Education Ministers

A Conference of Education Ministers of States and Union Territories was held in New Delhi on July 13-14, 1978. The resolutions adopted and decisions taken at this Conference are :

I. Universalisation of Elementary Education

The Conference approved a frame-work of action for implementation of universalisation of elementary education on a time-bound basis based on the recommendations of a working group set up in collaboration with the Planning Commission. The frame-work of action emphasises the following aspects :—

- (1) National target of enrolment of 320 lakhs of children in the age group 6-14 during the next Five Year Plan 1978-83. This will imply enrolment of 90% of the children in the age group 6-14.
- (2) Location of schools to cover all un-covered habitations within a span of 1-3 years with priority to rural and backward areas particularly remote tribal areas.
- (3) Enrolment to be planned school-wise and block-wise and district-wise maps to be prepared to identify backward and disadvantaged pockets.
- (4) All out effort to enrol either in formal or non-formal education system, girls and children belonging to under-privileged and backward sections.
- (5) Periodical monitoring of both of enrolment and attendance.
- (6) Optimum utilization of existing facilities and use of double shifts.
- (7) Academic year and vacations to be planned with reference to local needs.
- (8) Unified elementary educational administration.
- (9) Objectives of universalisation of enrolment and retention emphasised.
- (10) Every child in age group 6-14 shall be enrolled at 6+ and shall continue to learn on full-time basis, if possible, and on part-time basis, if necessary.
- (11) Provide 50 per cent of the State plan budget for elementary education.
- (12) Ensure 30 per cent of this for qualitative improvement.
- (13) Review and revise existing teacher training curricula and inservice programmes and strengthen primary teacher training institutions.
- (14) Central assistance to educationally backward States for innovation and experimentation and non-formal education programmes.

The Conference, while approving these proposals made special mention of the following :—

- (1) The provision for voluntary effort in the massive expansion of elementary education particularly in non-formal education.
- (2) That the primary schools have to be provided the necessary facilities, particularly a simple functional building to ensure effective education.
- (3) The quality of the teacher has to be improved and hence teacher education deserves special attention.
- (4) Special efforts needed for enrolment and retention of girls, Scheduled Castes and Scheduled Tribes and wherever necessary special incentives such as midday meals, uniforms, attendance scholarships etc., to be provided.
- (5) Since the requirement of funds will be large, efforts should be made to attract private donations for school improvement programmes which should be eligible for income tax rebate.
- (6) Special efforts needed to provide for tackling the problems faced by the Hilly States and desert areas.
- (7) Time-bound programme to be taken up by which NCERT should be able to provide not merely the framework and guidelines but also model instructional material for the non-formal education programmes.

II. *Educational Structure and its Content*

The Conference considered the structure of formal education in the country. It took note of the fact that 26 States and Union Territories have already introduced 10+2+3 structure as recommended by the Education Commission 1964-66 and National Policy on Education, 1968.

The Conference further considered the obligation of the States in regard to elementary education and is of the view that this structure does not in any way run counter to the Directive Principle of the State Policy so long as obligation to provide education free upto the age of 14. (Standard VIII) is recognised and accepted.

The Conference agreed that the school education should comprise elementary, secondary and higher secondary stages of 12 years' duration.

The undergraduate stage of higher education may be of three years' duration. However, where a State Government so desires it can have a two years Pass and a three years Honours course.

As regards the content of school education the Education Ministers' Conference considered and approved the Ishwarbhai Patel Committee Report except the recommendation relating to the alternative courses in Mathematics and Science. The Conference suggested that this particular recommendation be studied further by the National Council of Educational Research and Training and their views be made available to the State Governments/Boards of Secondary Education.

The Conference broadly approved the proposals regarding the content of higher secondary education and vocationalisation based on the Report of the Malcolm Adiseshiah Committee and Working Group on Vocationalisation. The Conference remarked on the need to keep in view the availability of employment opportunities in implementing the vocationalisation programme. It stressed the importance of developing proper outlook where these courses are not considered inferior to other courses of study. The Conference also stressed the need to provide bridge courses to enable students to pursue higher education. The Conference emphasised the need to improve the quality of vocational courses especially in the development of the skills and vocational training.

The Conference endorsed the view points expressed in the paper on higher education prepared by the University Grants Commission and placed before the Conference.

III. *Adult Education*

The Conference considered the paper on the detailed action to be taken by the State and Central Governments in regard to implementation of the National Adult Education Programme and the recommendations of the Working Group on the subject. The Conference endorsed the general approach and recognising significance of the programme resolved to give the highest priority to it. It also called upon all concerned to make necessary preparations to launch the programme with effect from October 2, 1978. The Conference wanted the disbursement of funds to voluntary agencies to be routed through the State Government.

IV. Art and Culture

The Conference considered broad outlines of the Paper circulated on art and culture and welcomed the proposals outlined in it.

V. Physical Education and Sports

The Conference considered broad outlines of the paper on physical education and sports and welcomed the proposals outlined in it.

VI. National Policy on Education

The Conference gave its approval for the broad outlines indicated in the draft National Policy on Education prepared by the Government of India in the Ministry of Education and Social Welfare. However, the States will give their detailed remarks before the end of July, 1978, to enable the Central Government to proceed further with the finalisation of the Policy.

VII. Draft Five Year Plan 1978—83

The Conference took note of the proposals in the field of education in the draft Five Year Plan 1978—83. These will, however, be subject to further discussions between the State and Central Governments and finalisation by the National Development Council.

ACTIVITIES IN COMMON

Budget Estimates—Department of Education

The total budget provision for 1978-79 and 1979-80 for the Department of Education in the Demands for Grants concerning the Department are as under :

Particulars	(Rs. in lakhs)		
	Budget 1978-79	Revised 1978-79	Budget 1979-80
1	2	3	4
<i>Demand No. 25</i>			
Department of Education:			
Secretariat of the Department, including the Pay and Accounts Offices, hospitality and entertainment and discretionary grant of the Education Minister	1,75,87	1,5,87	1,90,89

	1	2	3	4
<i>Demand No. 26</i>				
<i>Education:</i>				
Provision for general education, other revenue expenditure of the Department, including provisions for grants-in-aid to States/Union Territories on Central and Centrally Sponsored Plan Schemes and also provision for loans for construction of hostels, etc., and other educational loans for Central and Centrally Sponsored Schemes		2,23,36,51	2,17,74,80	2,26,48,68
TOTAL		<u>2,25,12,38</u>	<u>2,19,50,67</u>	<u>2,28,39,57</u>

Budget Estimates—Department of Culture

The budget provisions for 1978-79 and 1979-80 for the Department of Culture are as under :

(Rs. in lakhs)

Particulars	Budget 1978-79	Revised 1978-79	Budget 1979-80
Department of Culture :			
<i>Demand No. 97</i>	10,95,21	10,48,53	11,91,21
<i>Archaeology :</i>			
<i>Demand No. 98</i>	7,19,95	6,71,43	6,96,48
Total	<u>18,15,16</u>	<u>17,19,96</u>	<u>18,87,69</u>

Audit Observations and Inspection Reports

In accordance with the recommendations made by the Public Accounts Committee in its 215th Report on the Action Taken by Government on the Recommendations of the Public Accounts Committee contained in their 169th Report (5th Lok Sabha), the Ministry continued its concerted efforts to clear the outstanding audit observations and inspection paras. Instructions were

issued by Education Secretary to all subordinate formations in the matter of speedy clearance of outstanding audit observations and inspection paras and asked for quarterly progress reports indicating their disposal. As against 4735 audit observations made up to March, 1977 but outstanding on 31st August, 1977 and 4013 inspection paras which were included in the Comptroller and Auditor General's Report for the year 1976-77, the Ministry cleared 2187 audit observations and 1853 inspection paras till 31st March, 1977. Efforts are being continued to clear the remaining outstanding observations and paras.

LIST OF AUDIT OBSERVATIONS FOR THE PERIOD
ENDING 31-3-1977 BUT OUTSTANDING ON 31-8-1977

*(According to the Report of the Comptroller and Auditor
General of India for the year 1976-77).*

AUDIT OBSERVATIONS

S. No.	Name of the Accountant General	Departments		
		Education	Culture	Social Welfare
1.	Andhra Pradesh	15	228	
2.	Bihar	22	50	
3.	Central Bombay	493	524	
4.	Central Calcutta	33	3	
5.	Gujarat	39		
6.	Himachal Pradesh, Chandigarh	52		22
7.	Jammu and Kashmir	18	91	
8.	Kerala	109		9
9.	Karnataka	63	8	
10.	Madhya Pradesh	26	27	
11.	Orissa	20	3	
12.	Rajasthan	5	5	
13.	Uttar Pradesh		18	16
14.	Manipur			1
15.	Punjab			1
16.	Assam		4	
17.	Tamil Nadu		274	
18.	R.A.O. Goa	1		
19.	A.G.C.R. (TM)	422	961	22
20.	A.G.C.R. (GM)	1		
21.	A.G.C.R. (DAXXI)	736		413
TOTAL		2055	2196	484

Consolidated Summary

Department of Education	2055
Department of Culture	2196
Department of Social Welfare	484
TOTAL	4735

**LIST OF INSPECTION REPORTS PARAS FOR THE
PERIOD ENDING 31-3-77 BUT OUTSTANDING
ON 31-8-1977**

*(According to the Report of the Comptroller and Auditor
General of India for the Year 1976-77).*

PARAS

Sl. No.	Name of the Accountant General	Departments					
		Education		Culture		Social Welfare	
		Reports	Paras	Reports	Paras	Reports	Paras
1.	Andhra Pradesh			10	25		
2.	Assam			2	4		
3.	Central Bombay			3	3		
4.	Central Calcutta	16	76	7	28	1	12
5.	Bihar	9	22				
6.	Himachal Pradesh and Chandigarh	64	363	1	4	5	15
7.	Madhya Pradesh	1	2	10	24		
8.	Orissa	1	2	2	6		
9.	Kerala	2	5				
10.	Karnataka	1	3				
11.	Tamil Nadu	39	87	13	43	1	2
12.	Uttar Pradesh	15	28	11	37	1	7
13.	Rajasthan	3	11				
14.	Gujarat	26	68			11	47
15.	London	2	5				
16.	A.G.C.W.M.	9	51	9	84		
17.	A.G.C.R. New Delhi	909	2212	52	194	193	542
	TOTAL	1098	2936	120	452	212	625

Consolidated Summary

	Reports	Paras
1. Department of Education	1098	2936
2. Department of Culture	120	452
3. Department of Social Welfare	212	625
TOTAL	1430	4013

Observance of orders regarding reservation in posts and services for Scheduled Castes and Scheduled Tribes

A special Cell functions in the Ministry to ensure that reservation orders relating to the appointment of members of Scheduled Castes and Scheduled Tribes in the Departments of Education and Culture are strictly observed. The activities of this Cell are at present carried out in three different units under the supervision of the Deputy Secretary (Administration). The question of rationalising the functioning of this Cell is under examination.

During the year under report, rosters pertaining to the following categories of posts in the Department of Education and Culture (proper) were inspected to verify whether these have been maintained in accordance with the reservation orders issued by Government from time to time :—

- (1) General Advisory Cadre.
- (2) Technical Advisory Cadre and other Miscellaneous posts.
- (3) Grade III posts.
- (4) C.S.C.S. Grade I.
- (5) Posts filled by promotion to the Grade of Assistant.
- (6) Reservation in Promotion in various Grades Class IV/PAs (Grade II).
- (7) PAs Grade II (Permanent/Temporary).
- (8) Stenographers (Grade III Temporary).
- (9) Class III Miscellaneous Posts.
- (10) LDCs (Permanent/Temporary).
- (11) Class IV posts, and

- (12) Librarian Grade II/Grade III/Grade I/Junior Librarian, Library Attendants (Senior/Junior)/Compilers.

Annual statements concerning the representation of Scheduled Castes and Scheduled Tribes in posts and services received from the Ministry (Proper) and its attached/subordinate offices were scrutinised by the Cell and consolidated material furnished to the Department of Personnel and Administrative Reforms, Government of India.

Action was also initiated to collect up-to-date information in regard to the filling up of the vacancies reserved for Scheduled Castes and Scheduled Tribes by the members belonging to these communities not only in the subordinate formations of this Ministry but also in the autonomus organisations and educational institutions with which this Ministry is concerned. On receipt of this information, the question of adopting suitable measures to correct the existing deficiencies in filling up the required quota of posts reserved for Scheduled Caste and Scheduled Tribe candidates in different organisations will be considered.

Information was also collected from the different organisations with which this Ministry is concerned in regard to the facilities provided to the students belonging to Scheduled Caste and Scheduled Tribe communities in the matter of admission, scholarships, hostel and other concessions, as desired by the Committee on the Welfare of Scheduled Castes and Scheduled Tribes of the Lok Sabha.

Progressive use of Hindi

The Ministry regularly circulates to its officers and the various sections within its control, in addition to its attached and subordinate offices, the administrative instructions issued by the Government regarding the full implementation of the official language policy and the statutory requirements relating to it. The Ministry keeps a regular watch on the progress of all the programmes in this regard.

Quarterly Progress Reports

Progress in 1978-79 was watched and reviewed, inter-alia, through quarterly progress reports obtained from the various Divisions and the attached and subordinate offices under the control of this Ministry. These reports were scrutinised, consolidated and sent to the Ministry of Home Affairs.

Correspondence in Hindi

Under the administrative instructions, letters received in Hindi from individuals as well as from State Governments have been replied to in Hindi.

Noting and Drafting in Hindi

According to the bilingual policy, every Central Government employee is free to use Hindi or English for his official work. However, all the officers and staff in the Ministry and its attached and subordinate offices are requested from time to time to encourage their Hindi knowing staff to increase the use of Hindi for their notes and simple drafts. About 74 per cent of the staff of the Department has working knowledge of Hindi and Hindi is being partially used in noting and drafting in 39 sections.

Provision of Additional Hindi Typewriters

At present 53 Hindi typewriters are available in the Ministry.

Translation of Statutory Manuals, Forms and Other Procedural Literature

So far, 187 forms and manuals of this Ministry have been translated into Hindi.

Translation of Acts and Statutes

The work relating to translation of Acts and Statutes has been completed.

Maintenance of Separate Registers for Letters Received in Hindi

All sections in the Ministry maintain separate diary registers for letters received in Hindi and specific entries are made about the replies sent in Hindi. Where replies are not sent in Hindi or are not considered necessary, suitable explanation is given by the Section concerned.

Official Language Implementation Committee

Official Language Implementation Committees have been set up in the Ministry and five of its subordinate offices. These

committees hold quarterly meetings and review the progress of use of Hindi for official purposes at these meetings. The minutes of the meetings are sent to the Ministry of Home Affairs, Department of Official Languages for information. It has not been considered necessary to set up such committees in other subordinate offices, whose total staff strength is very small.

Issue of Bilingual Circulars in Hindi

Special care is taken to see that letters received from Hindi-speaking States are invariably replied to in Hindi. Circulars meant for general information are issued bilingually.

Training of Employees in Hindi

On a review made recently about the officers and members of the staff who either had Hindi as a subject in their higher secondary examination or had passed Pragya examination conducted by the Ministry of Home Affairs, it was found that approximately 74 % officers and staff belong to these two categories and have a working knowledge of Hindi. Besides, 41 persons were deputed for the various Hindi Teaching Classes. Special care is taken to see that the persons so nominated attend the classes regularly. Special attention is also being paid for the training of employees in Hindi Typewriting and Hindi Stenography. Six persons were deputed for training in Hindi Typewriting and Hindi Stenography.

Workshops

Regular workshops are being conducted to impart training to Hindi-knowing employees of this Department in noting and drafting in Hindi.

Setting up of Hindi Advisory Committee

A Hindi Salahkar Samiti has been set up for the Ministry of Education and Social Welfare and the Department of Culture under the Chairmanship of Union Education Minister, to advise the Ministry on matters relating to the Progressive use of Hindi for Official purposes. The Committee held its last meeting on 10th December, 1976 and received a report on the action already taken by the Ministry for the Progressive use of Hindi and for ensuring compliance with the provisions of the Official Language Act, 1963, as amended by the Official Language (Amendment) Act, 1967. The Samiti has been reconstituted on 3-11-1978 as its terms expired in December, 1976.

Supply of White Printing Paper at Concessional Rate for Production of text books, Exercise Books and Examinations

The scheme for the allocation of white printing paper at concessional rate of Rs. 2750 per tonne ex-mill which was initiated in 1974 was continued during the year under report. Following the decision of the Government to earmark the entire production of white printing paper for the educational sector to meet the increasing demand of paper for textbooks, exercise books and examinations (University and schools boards) and for books and reading material for the adult education programme, the availability of paper for educational purposes has increased from the year 1978-79. As against 1.20 lakh tonnes of this paper available in the previous years it is expected that about 2 lakh tonnes of paper would hereafter be available for the education sector subject to actual production of paper mills.

During the year 1978-79 an allocation of about 1.60 lakh tonnes of paper has been made to the States and Union Territories for the specific education purposes. To ensure proper use of concessional paper and to avoid its possible misuse, the States and Union Territories have been requested to follow the guidelines issued in this regard.

As a result of regular supply of concessional paper to the States and Union Territories, the prices of textbooks have either been reduced or stabilised at the 1973 level. The prices of exercise books which were fixed in January 1976 have remained stationary despite the rising cost of various inputs like raw material, labour and power. It may be pointed out that the lowest price fixed for a 48-page exercise book is 20 paise and the upper price is Rs. 1.30 for a 240-page exercise book.

Import of paper from Norway

Under the bilateral agreement entered into between the Government of India and the Government of Kingdom of Norway in 1974, Norway has been supplying paper to India as a commodity assistance. The allocation for this purpose for the year 1978 is five million Norwegian Kroners. This paper is utilised for the production of school textbooks produced by N.C.E.R.T.

The Government of Norway have agreed to supply paper worth ten million Norwegian Kroners for the year 1979. Arrangements for the import of paper worth this amount will be finalised shortly.

(a) **Statistics**(i) *Training Course in Educational Statistics*

A training course in educational statistics was organised at the National Staff College for Educational Planners and Administrators, New Delhi, in collaboration with the Ministry of Education and Social Welfare from May 23 to 29, 1978 for the benefit of Statistical Assistants of the Statistical Units of various State Education Departments. Fifty-three officials, including a few Statistical Officers from 21 States and the Union Territories of Delhi, Chandigarh and Mizoram and from the Universities of Cochin, Kerala and Kerala Agricultural University attended this course.

(ii) *Standing Committee on Educational Statistics*

The Standing Committee on Educational Statistics, at its third meeting held on September 27, 1978, approved the forms for the quinquennial collection of statistics on selected items. Besides, the Committee recommended the following :—

- (1) formulating crash programme of deputing teams for on-the-spot collection and finalisation of statistics for the years 1976-77 and 1977-78.
- (2) setting up a Sub-Group to work out the details of staff requirements of the States with a view to finalising the Centrally sponsored scheme "Assistance for Establishment of Planning, Monitoring and Statistical Cells in the States" for which a provision of Rs. 35 lakhs for the year 1978-79 was agreed to by the Planning Commission and included in the Ministry of Education Budget.
- (3) setting up of a Sub-Group to decide the methodology to be adopted for theme-oriented studies and selection of topics for periodical collection of the data.

(iii) *Unesco sponsored National Training Seminar on Method for Project School Enrolment*

The Ministry of Education and Social Welfare participated in the UNESCO sponsored National Training Seminar on Methods for Projecting School Enrolment organised by National Staff College for heads of Educational Statistical Services of all States and Union Territories from November 20, to December 1, 1978.

One person each was deputed by the Department of Education and Department of Culture. Besides, three officers of the Planning, Monitoring and Statistics Division of the Department of Education acted as resource personnel and contributed the following papers at the seminar :—

1. Educational Statistics in India.
2. Use of Projection Techniques for Estimating non-response in Educational Statistics.
3. Wastage and Stagnation by sex and grade in Primary and Middle level Education in India.

(iv) *Publications*

The following publications were brought out during the year 1978-79 :—

1. Pay Scales of School Teachers in India—1976-77 ;
2. Progress of Education of Scheduled Castes and Scheduled Tribes—1972-73 ;
3. Expenditure on Education as shown in Central and State Annual Budgets—1975-76 to 1977-78 ;
4. Selected Information on School Education in India—1976-77;
5. Progress of Education of Scheduled Castes and Scheduled Tribes—1974-75;
6. Educational Statistics—District-wise—1976-77, Vol. II—Tripura;
7. Educational Statistics—District-wise—1976-77, Vol. (I)—Pondicherry;
8. A Study of Administrative set-up in States for educational programmes of Scheduled Castes and Scheduled Tribes;
9. An intensive Study of Elementary Education in Four Blocks of Chamba District of Himachal Pradesh;
10. Selected Educational Statistics—1977-78.

(b) Planning and Monitoring

Preparation of Central Annual Plan of Education for the year 1979-80 was undertaken. A Central Plan of Rs. 90.50 crores for 1979-80 was agreed to by the Planning Commission. Working Group meetings to discuss State Annual Plans were held under the Chairmanship of Education Secretary in the Ministry. The reports of the Working Group have been presented to the Planning Commission.

Physical and financial targets in respect of State Plan programmes were collected and progress in various sectors analysed.

Necessary guidelines were issued to the State Governments for preparing educational programmes for the development of Scheduled Castes and Scheduled Tribes. The integrated Tribal Development Projects received from the State Governments were evaluated and the Ministry's comments were forwarded to the Ministry of Home Affairs for consideration in the Sub-Committee set-up under Central Coordination Committee.

A Study on the Administrative set-up in States for educational programmes of Scheduled Castes and Scheduled Tribes was undertaken by the Ministry. The Study was conducted in the States of Andhra Pradesh, Assam, Bihar, Jammu and Kashmir, Madhya Pradesh, Maharashtra, Orissa, Punjab, Tamil Nadu, Tripura and Uttar Pradesh and the study report brought out. It was forwarded to the Chief Ministers by Education Minister and to the Chief Secretaries by Education Secretary. A departmental study of the recommendation of Planning Commission regarding allocation of funds for various sections of education in 1978-79 annual plan and the actual budget allocations by the State was prepared and sent to the States.

Publications

The Publication Unit during the year 1978-79 up to December, 1978 brought out 31 titles in English including 1 bilingual (English and Hindi) and two quarterly journals, viz. 'The Education Quarterly' and 'Indian Education Abstracts'. The Education Quarterly entered its 30th year and the 'Indian Education Abstracts' its 23rd year of publication.

The Unit organised the 'Second Travelling Photo Exhibition' sponsored by the Asian Cultural Centre for Unesco, Tokyo at Lalit Kala Akademi Galleries, New Delhi from November 19-24,

1978 and at Goa from 8-12-78 to 14-12-78. It also participated in the 9th National Book Fair held at Bangalore from 29-12-78 to 7-1-79.

The Hindi Publication Unit brought out during the same period 17 titles including 2 quarterly journals 'Shiksha Vivechan' and 'Sanskriti'.

Students Information Service Unit

The Students Information Service Unit collects, compiles and disseminates information on higher education in India and abroad for the benefit of the students and attends to their enquiries on various subject-fields.

During the year under report, it attended to approximately 5142 enquiries related to facilities for higher education in India and abroad. Nearly 2261 persons visited the Reference Library attached to this Unit to consult the calendars, handbooks, prospectuses and other bulletins of information on various courses offered by Indian/foreign universities/institutions. 1046 additions were made to the Reference Library of the Unit by way of latest calendars, prospectuses, and other relevant literature acquired from several Universities/ Institutions.

About 19 compilations on different topics/subjects on higher education were brought out and revised during the year under report. The publication "General Information for Indian Students Going Abroad—1977" has been revised and published

DEPARTMENT OF CULTURE

CHAPTER 1

CULTURAL AFFAIRS

The main institutions and programmes in this field followed by the Department of Culture are :

- (1) Sahitya Akademi, Lalit Kala Akademi, Sangeet Natak Akademi and other institutions engaged in literary and cultural activities;
- (2) Propagation of culture including financial assistance for performing arts and cultural organisations;
- (3) Centenary celebrations;
- (4) Gazetteer work; and
- (5) Cultural agreements, cultural exchange programmes, in-coming and out-going cultural delegations.

A. THE AKADEMIES AND OTHER CULTURAL ORGANISATIONS

With a view to preserving, fostering and developing the creative arts-literary, performing and plastic, the Government of India has set-up three National Akademies viz. Sahitya Akademi, Sangeet Natak Akademi and Lalit Kala Akademi and the National School of Drama. The main activities undertaken by these organisations during the year under report are given below :

Sahitya Akademi

The main activities of the Akademi are organisation of symposia and seminars on subjects of creative literature, translation and publication of outstanding Indian and foreign classics into various Indian languages and awards to outstanding books of creative merit.

The Akademi organised the following symposia and seminars during the year :

- (1) A seminar on 'Nationalism and the Poet' to mark the birth centenary of the Malayalam poet Vallathol was organised in New Delhi and Trichur.

(2) A symposium to mark the 150th birth anniversary of Leo Tolstoy was held at Bombay.

Besides these seminars, the Akademi organised two exhibitions of its publications—one at New Delhi and the other at Trichur.

The Akademi published 33 books and released 3 issues of its journal in English, *Indian Literature*, and one issue of its journal in Sanskrit, *Samskrita Pratibha*.

The Akademi has given 20 awards to 20 books in various Indian languages, the details of which are given below :

Language	Book (Subject)	Author
1. Assamese	Pita Putra (Novel)	Homen Bargohain
2. Bengali	Vivekananda O Samakalin Bharatvarsa, Vol. I, II & III (Biography and Cultural History)	Sanskari Prosad Bose
3. Dogri	Sanjhi Dharti Bakhle Mahnu (Novel)	Narshingh Dev Jamwal
4. English	Fire on the Mountain (Novel)	Anita Desai
5. Gujarati	Hayati (Poetry)	Harindra Dave
6. Hindi	Utna Vah Suraj Hai (Poetry)	B.B. Agarwal
7. Kannada	Hasuru Honnu (Travelogue)	B.G.L. Swamy
8. Konkani	Manni Punav (Humourous Essays)	D.K. Sukthankar
9. Maithilli	Baji Uthal Murali (Poetry)	Upendra Thakur Mohan
10. Malayalam	Ratrimazha (Poetry)	Sugathakumari
11. Manipuri	Ngabong Khao (Drama)	G.C. Tongbra
12. Marathi	Nakshatranche Dene (Poetry)	Arati Prabhu
13. Nepali	Khahare (Short Stories)	Shiva Kumari Rai
14. Oriya	Saptama Ritu (Poetry)	Ramakanta Rath
15. Punjabi	Orvar Par (Short Stories)	Gurmukh Singh Musafir
16. Rajasthan	Meve Ra Runkh (Novel)	Annaram (Sudama)
17. Sindhi	Cheekha (Poetry)	H.I. Sadarangani
18. Tamil	Pudukavithain Thottramum Valarchiyum (Criticism)	Vallikkannan
19. Telugu	Collected works of Krishna Sastry (6 Volumes) (Poetry & Plays)	D.V. Krishna Sastry
20. Urdu	Hafiz and Iqbal (Criticism)	Yusuf Husain Khan

Shri Umashankar Joshi, President of the Akademi visited the USSR in September, 1978 to participate in the 150th Birth anniversary celebrations of Leo Tolstoy and Dr. R. S. Kelkar, Secretary of the Akademi attended the 52nd conference of the Union Académique Internationale at Bruxelles.

Lalit Kala Akademi

The important programmes of the Akademi during the year were the organisation of exhibitions, publication of art books, journals and multi-coloured reproductions and award of fellowships.

Among the important exhibitions organised by the Akademi during the year, mention may be made of the following :—

(a) Indian exhibitions organised abroad

- (i) An exhibition of twenty six paintings and sculptures by twenty six artists selected from the permanent collections of the Lalit Kala Akademi, and a few from galleries was sent to Moscow.
- (ii) The Department of Culture and the Lalit Kala Akademi jointly organised an exhibition of 64 contemporary paintings by 15 artists representing a wide cross-section of contemporary art in Romania in August, 1978.
- (iii) An exhibition of Indian Art comprising 46 works by 11 Indian artists residing and working in New York was organised at the Consulate of India, New India House, New York on 27th September, 1978.

(b) Foreign exhibitions in India

- (i) An exhibition of Designs from Finland was jointly organised by the Embassy of Finland and the Lalit Kala Akademi in November, 1978.
- (ii) Copies of medieval Yugoslav Frescos were exhibited in Delhi, Madras and Calcuta.

(c) Indian exhibitions in India

- (i) Akademi's Circulating exhibition comprising their collections was shown in Andhra Pradesh, Orissa and Madhya Pradesh.

(ii) National Exhibition of Art in New Delhi.

The Akademi brought out the following publications during the period under report :—

- (i) No. 24-25 of the Journal “Lalit Kala Contemporary” and “Lalit Kala Ancient No. 18”.
- (ii) A book “Moving Focus” by Shri K. G. Subramanyan.
- (iii) In multi-colour reproduction series, the Akademi has brought out three prints, one by Jogan Chaudhury, another by Prabhakar Barwa and one by Shri Tyeb Mehta. One Mysore Style painting Shri Rajarajeshwari has also been brought out.

S/Shri P. T. Reddy and Dhanraj Bhagat have been elected as fellows of the Akademi.

As a programme for decentralizing the activities of the Akademi, a Regional Centre was opened in Madras in October, 1978. The Regional Centre will cover Tamil Nadu, Karnataka, Andhra Pradesh, Kerala and Pondicherry. Besides the land which has been donated by the Tamil Nadu Government, the State Government shared 50 per cent of the cost of construction of the building which cost Rs. 8 lakhs.

Sangeet Natak Akademi

Apart from the support given to projects and programmes which are a regular feature of its work, the Akademi, during the year under report, laid special emphasis on developmental activities directed towards the future well-being of the socio-culture fabric of the country. Instead of giving priority to the arts which have already received recognition in urban metropolitan centres, the Akademi's new priorities were in areas of preservation and systematic documentation of languishing forms in the performing arts. Assistance is now available for the totality of efforts which includes support to performers, scholarships to train new learners and monies for renovation of materials and equipment. Amongst the forms which have been so identified are Koodiyattam (Kerala), Bhagwat Mela Natakam (Tamil Nadu), Pavakoothu-Glove Puppets (Kerala), Ravan Chhaya Leather Puppets (Orissa), Chhau-Seraikella (Bihar), Dhrupad and Tappa (Uttar Pradesh), Chandaini (Madhya Pradesh), Maach (Madhya Pradesh), Bhavai (Gujarat), Alaha (Uttar Pradesh) and Bhand Pather (Kashmir).

Concerted efforts are now being made to document these forms on a scientific basis. The Akademi had collected over the years valuable materials in the shape of films, photographs, video-recordings, slides, discs, cassettes, but these were not properly archived and scientifically documented. All these materials are now being properly codified, indexed and archived and a satisfactory retrievable system is introduced to ensure inter-action with similar collections, in India and in foreign countries.

One of Akademi's main concerns has been directed towards bridging the gap between the world of science and world of culture. Realising that Indian music has had a profound scientific basis for its theory, the Akademi opened a new section to conduct and co-ordinate researches in the acoustics of music. Initially considerable spade work had been done by way of organising seminars, workshops and lectures in various parts of the country. Reports of these were published. Financial aid was extended to scientists and musicologists for research in this field. While this programme continued, the Akademi proposes to institute fellowships to assist research workers, and for the production of short educative film on 'Voice Culture' which is of prime importance but which has remained neglected. The Akademi is co-operating with a number of universities, research bodies and scholars in this work.

The Akademi has also given emphasis to dissemination, by reaching out to the public, and organising for this purpose performances on a thematic basis. Instead of organising programmes on an ad hoc basis, the new thrust is to select an area or a theme and to present it in its totality. In November 1978 an attempt was made to bring together the traditional performers of Shadow Theatre at a five-day festival of Shadow Theatre in Bangalore in collaboration with Karnataka Sangeet Natak Akademi. Nearly 50 persons, both traditional artists and scholars participated, to witness, analyse and suggest ways of future development of shadow puppet forms now surviving in Karnataka, Andhra, Kerala, Tamil Nadu, Maharashtra and Orissa. A Workshop was held and communication established between traditional practitioners and those teaching these arts in educational system. Representatives of NCERT, University of Delhi, ICCR also participated in the festival and workshop with a view to utilising these forms for educational purposes and for projection abroad.

The area of its normal work included the presentation, on behalf of the Department of Culture, performances of the Central
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Puppet Theatre, Sofia (Bulgaria), in October 1978 and presentation, on behalf of ICCR, of the dance ensemble of G. D. R. in October 1978. The Akademi in previous years announced Fellowships and gave awards to distinguished artists representing the highest standard of excellence and achievements in the field of music, dance and drama. They were given to the following persons :

Fellowship : Shri B. Puttuswamaiyya ; Thiruvengadu Subramania Pillai.

Music : Khadim Hussein : Hindustani (vocal music); Purushottam Das : Hindustani Instrumental (Pakhawaj); Madurai S. Somasundaram : Karnatak (vocal music); Lalgudi Jayaraman; Karnatak Instrumental (Violin); Sandhyavandanam Srinivasa Rao (Dasa Pada—devotional Karnatak music); Rai Chand Boral : Creative music.

Theatre : N. Krishna Pillai : playwriting (Malayalam); Jaber Patel : Direction; Dattaram Volvoikar alias Master Dattaram : Acting; Thounaojam Kunjakishore Singh : Jatra (Manipur); Kathinanda Das : Ravan Chhaya (Oriya Shadow Puppetry).

Dance : C. R. Acharyalu : Kuchipudi (Teacher); Kalamandalam Kalyanikutty Amma : Mohini Attam; Bapuram Bayan Atai : Sattriya.

The Akademi continued publications programme including issues of SANGEET NATAK. Publication of other works on hand are : Aesthetical Essays on Hindustani Rhythms, Ras-leela Tatha Rasnukaran Vikas, Music and Dance in Rabindranath Tagore's Education Philosophy, and Sange. Other titles include Who's Who of Indian Musicians, Anthology of Muthuswami Dikshitar and Monographs on Bhaona, Malushahi Ballads and Kariala. The Akademi continued to give grants to institutions. In addition the Chairman sanctioned discretionary grants to selected individuals and organisations.

National School of Drama

The School and its Repertory Company was engaged in a large number of performances. During the period under report, the School and its Repertory Company produced 8 new plays and gave 98 performance of various old and new productions. 40 performances were given by the school in which only students

of the school participated. Some of the important productions of the school and the Repertory Company were :—

Repertory Company Productions

1. *Mukhya Mantri*

School Productions

2. *Oedipus Rex (In Hindustani)*
3. *Nar Bakshi*
4. *Ek Lik Kathi*
5. *Andher Nagri Chaupat Raja*
6. *Lower Depth (Hindustani)*
7. *Handful of Dust (Hindi)*
8. *Hedda Gablar (Hindustani)*

The school also invited a number of eminent persons including some foreign experts for delivering lectures and giving demonstrations for the benefits of the students.

To give an opportunity to children of the 8-14 years age groups the National School of Drama organised a 6 months training for them in Voice, Speech, Acting and Movement in collaboration with the Childrens' Creative Theatre as already run by Miss Sushma Seth. This is the first time when children were given a chance to show their talent the media of drama, within the professional expertise, contributed by the National School of Drama.

To take the theatre from the capital into the neglected provincial stream, where professional expertise is not easily available, the National School of Drama organised a Theatre Workshop at Gandhigram Rural University, Madurai, Tamil Nadu.

At the invitation of the American Government, Dr. B. V. Karnath, Director of the School visited important cities of America in June/July, 1978 to observe the community theatre activities in the U.S.A., in particular the interesting experiments which are being undertaken in that country in developing community theatre activities amongst social groups of different kind of people such as Negroes, Youth etc.

Dr. L. M. Singhvi was appointed as the Chairman of the National School of Drama.

School of Buddhist Philosophy, Leh

The School of Buddhist Philosophy, Leh is an autonomous Organisation fully financed by the Government of India. It was established in 1959 to impart education in modern and classical Tibetan Studies on the monastic pattern to enable Lamas to receive training in Tibetan-Buddhism. The School is managed by a Board of Management with a senior officer of the Department of Culture, as ex-officio Chairman. The other Members of the Board include a representative each of the Ministry of External Affairs, Government of Jammu and Kashmir, All Ladakh Gumpa Association and Ladakh Buddhist Association, Leh and scholars of Buddhist Philosophy and Tibetan language. The School follows a course of 7 years—5 years for Purva Madhyama and two years thereafter for Uttar Madhyama of the Sampurnanand Sanskrit Vishvidyalaya, Varanasi, to which it is affiliated. The School has a capacity to admit up to 80 students. Each student is paid a stipend of Rs. 80/- per month.

Institute of Higher Tibetan Studies, Varanasi

The main objective of the Institute are preservation of Tibetan Culture and tradition and imparting teaching of ancient and traditional subjects through a modern university educational framework and conducting research in Tibetan studies. The Institute was established in 1967 and is functioning as a registered Society wholly financed by the Government of India. The Institute is managed by a Board of Governors of which Joint Educational Adviser Department of Culture is the ex-officio Chairman. The other Members of the Board include representative of the Ministry of External Affairs and Finance, representative of H. H. the Dalai Lama and eminent scholars nominated by the Government of India. Presently the Institute is located at Sarnath, Varanasi in various rented buildings. Now the Institute has purchased a plot of land measuring 8.25 acres at Sarnath to house it in a building complex of its own. The work of construction of buildings for the Institute and its hostels etc. are proposed to be taken up in the next financial year. During the year under Report the Institute has 218 students on rolls and a complement of 20 teaching staff including the Principal.

Sikkim Research Institute of Tibetology, Gangtok

The Sikkim Research Institute of Tibetology, Gangtok is engaged in research and development of Tibetology i.e. Chhos. The Institute is financed by the Government of Sikkim and the Government of India, both contributing Rs. 1 lakh each annually for its maintenance.

B. PROPAGATION OF CULTURE

Propagation of Culture among College and School Students

The objective of the scheme is to expose the students in our schools and colleges, the teachers and the teacher educators to the rich and diverse cultural heritage of our country so that they may grasp the inherent unity underlying the diversity of our Cultural forms. The scheme has three parts viz. :

- (i) organising of refresher courses for teachers drawn from secondary schools and colleges in different parts of the country ;
- (ii) production of educational kits; and
- (iii) acquainting the student community with artistic heritage of India as an integral part of Indian culture.

During the period under report 6 Orientation Courses were organised for the teachers and teacher educators at Chandigarh, Pondicherry, Agra, Goa and Delhi. About 300 kits are proposed to be produced during the period.

Institutions engaged in literary and cultural activities

The Government of India in the Department of Culture has been assisting Institutions of all-India character of the type such as Asiatic Society, Calcutta, Ramakrishna Mission Institute of Culture, Calcutta, Bharatiya Vidya Bhavan, Bombay, Jallianwala Bagh National Memorial Trust, Amritsar, Institute of Traditional Cultures, Madras, PEN All India Centre, Bombay, Numismatic Society of India, Varanasi. Some of the Institutions like Asiatic Society Calcutta, Ramakrishna Mission Institute of Culture, Calcutta are given grants on the basis of the recommendations of the committees, constituted by the Government of India from

time to time. The other institutions are given maintenance grants in token of the services rendered by these institutions towards the cause of literary and cultural development of the country.

Building Grants to Voluntary Cultural Organisations

Under this scheme, a number of cultural organisations primarily working in the cultural fields of dance, drama, music, fine arts, indology, literature (other than religious institutions), public libraries, museums, municipalities, school and universities were selected for grants for construction purposes and purchase of equipment during the year.

Scheme of Inter-State Exchange of Cultural Troupes

The objective of the scheme is to enable people from different parts of India to know more about the culture of different regions and thereby promote emotional and cultural integration of the country. Under it selected troupes of performing artists visit States other than their own. The scheme has been revised so as to enable the State Governments to take more interest in the scheme. During the period under report about 8 troupes visited other States/Union Territories for performing their programmes.

Financial Assistance to professional Dance-Drama and Theatre Ensembles

The objective of the scheme is to provide help to performing troupes in the country which have been working in the field through purely voluntary efforts over the last 10 to 15 years. 15 dance-drama and theatre groups were in receipt of grants under the scheme during the year 1978-79. It has since been decided to institute the following two schemes in lieu of this during 1979-80 :

- (i) Scheme for financial assistance to institutions of national importance in the field of performing arts;
- (ii) Scheme for financial assistance to professional groups as well as individuals engaged in different fields of performing arts.

C. SCHOLARSHIPS AND FELLOWSHIPS

(i) Scheme for the award of fellowship to the outstanding artists in the fields of the performing, the literary and plastic arts

The Scheme provides basic financial support for either very advanced training or individual creative effort or for revival of some of our traditional forms of art to outstanding men, in the fields of the literary, the plastic and the performing arts in the age group roughly 25-60 years. Under the scheme, 16 fellowships of Rs. 500 per month each are awarded each year terable for two years.

(ii) Scholarships to Young Workers in different Cultural Fields

Under the Scheme, 50 scholarships are awarded every year to young artists of outstanding promise in the age group of 18-28 years for advanced training within India in the fields of Hindustani Music, Karnatak Music, Western Music, classical forms of Indian dances, Traditional Theatre, Drama, Painting and Sculpture. The value of a scholarship is Rs. 350 per month and the duration is for two years. In exceptional cases the scholarship is extended by another year. 47 scholarships were awarded under this scheme during 1978.

(iii) Cultural Talent Search Scholarships Scheme

This is a plan scheme under which facilities are provided to outstanding young children in the age-group of 10-14 years, studying in recognised schools, to develop their talents in various cultural fields, namely, traditional forms of Indian dances, music, and theatre as well as painting and sculpture. Upto one hundred scholarships are awarded every year out of which 25 are reserved for children belonging to 'Ghaaranas' and 'Sampradayas'. The scholarships are granted on year to year basis till the completion of secondary stage of education by the awardees or up to the age of 18 years, whichever is earlier. The value of scholarships is Rs. 600 per annum but where the child is required to shift to a new station for purpose of specialised training in the approved fields the value is increased to Rs. 1200 per annum. In both cases, the actual fee paid for the specialised training is reimbursed to scholarship holder, subject to a maximum of Rs. 1000 per annum. 100 scholarships have been awarded during 1978. The scheme for the award of scholarships for 1979 is also being announced and State Governments

are being requested to recommend candidates. In addition eminent persons connected with institutions working in the field of promotion of cultural activities have been requested to recommend suitable candidates from the families or practising traditional forms of dances, music and other arts at least for the last three generations. Candidates recommended by these eminent persons will also be considered along with the candidates recommended by the State Governments and Union Territory Administrations.

(iv) Scheme of financial assistance to persons distinguished in letters, arts and such other walks of life who may be in indigent circumstances and their dependants

The scheme provides financial assistance to persons distinguished in letters, arts etc. who may be in indigent circumstances and to their dependants who are left unprovided. Under the scheme a monthly allowance of upto Rs. 200 is given to persons who are above 58 years and whose monthly income is below Rs. 400. Under the Scheme 1/3rd expenditure is shared by State Governments. In case of Union Territories and in exceptional cases the entire expenditure is borne by the Government of India. At present 415 persons are receiving monthly allowance under the scheme.

D. CENTENARY CELEBRATIONS

Memorial to Mahatma Gandhi on Beliaghata Road, Calcutta

It has been decided to give Rs. 6.00 lakhs to the Government of West Bengal for setting up a memorial at 150-B, Beliaghata Road, Calcutta where Mahatma Gandhi stayed in August, 1947 and prayed for communal harmony.

It is proposed to open an Adult Education Training Centre or a Craftsman Training Centre on this site as a befitting monument to the Father of the Nation.

The Central Government contribution will mainly cover the cost of acquisition of the building and the adjoining land, repair and renovation of the building and cost of furniture and equipment etc. for the memorial.

Sur Panchshati Celebrations

A Sur Panchshati Coordination Committee has been set up in the Department of Culture under the Chairmanship of Dr. P. C. Chunder, Union Minister of Education, Social Welfare and Culture for celebrating on a national level the 500th anniversary of the birth of Mahakavi Surdas from May, 1978 to April, 1979.

The year-long celebrations were inaugurated on May 12, 1978 (date of Mahakavi's birth) at Mavalankar Auditorium, New Delhi by the Vice-President of India. The highlight of the programme was the presentation of a Ras Leela Programme by a Ras Mandali from Vrindaban.

Some of the major programmes planned for the celebrations relate to translation of selected verses of Surdas into Indian languages (including English); opening of a library wing on Surdas in the Central Secretariat Library; development of places associated with Surdas; holding of seminars/lectures in universities and colleges; programmes on radio and television; organisation of a World Sur Conference and cultural programmes like Ras Leelas.

Other Centenary Programmes

Financial assistance has been provided towards certain programmes in the celebration of 500th Anniversary of Swami Haridas, the birth centenary of Mahakavi Vallathol and the birth Centenary of the Mother of Sri Aurobindo Ashram.

E. GAZETTEERS

District Gazetteers

Under the scheme for the Revision of District Gazetteers, the drafts of 290 districts gazetteers have been completed so far, of which 280 have been approved for publication.

Gazetteer of India

Out of the proposed four volumes of the Gazetteer of India, volume—I "Country and People", volume II—"History and Culture", and volume III—"Economic Structures and Activities" have been published. Volume IV—"Administration and Public

Welfare”, the last volume in the series, has been published. As all the copies of volume I were sold out, its reprint was brought out. Some of the chapters of this volume such as ‘People’, ‘Languages’, ‘Physiography’ which have a wider public appeal, were also brought out separately in the form of booklets.

Revision of State Gazetteers

It was decided to publish one State Gazetteer for each State. The State Gazetteers are intended to replace the provincial Gazetteers brought out during the British period.

Supplements to District Gazetteers

The Supplements to District Gazetteers will update some of the material particularly economic data in the District Gazetteers which have become outdated. The Supplements will be brought out in respect of those District Gazetteers which were published 10 years back. The drafts of 8 Supplements have been completed, of which one supplement has been published

Who’s Who of Indian Martyrs

The project of Who’s Who of Indian Martyrs was completed and all its 3 volumes were published.

F. CULTURAL RELATIONS

Cultural Agreements and Exchange Programmes

With a view to promoting cooperation with countries in the fields of education, culture, science and technology, medicine, agriculture, radio and television, film and press, art and sports, cultural agreements and exchange programmes are concluded with various countries from time to time. While cultural agreements provide for broad terms of policy in regard to cultural contacts between the two contracting parties and financial liabilities to be borne by each side, the Cultural Exchange Programmes are drawn up from time to time (one to 3 years) giving specific programmes of exchange during such periods. Such cooperation provides for exchange of professionals, artists, writers, scholars, journalists, doctors, agricultural experts, dance and music troupes, organisation of films festivals, art exhibitions, exchange of scientific and technical information, books and publications, radio and TV programmes, etc.

Till the end last year, cultural agreements had been concluded with 51 countries. During this year, cultural agreements were signed with Malaysia and Zaire :

Till the end of last year, India had Cultural Exchange programmes with 23 countries. During this year, Cultural Exchange Programmes were signed with the following countries.

1. Vietnam
2. Syria
3. Republic of Korea
4. Cuba
5. Tunisia

Cultural Exchange Programmes with Afghanistan, Iraq, Turkey, Mongolia and Czechoslovakia were also renewed during the year.

Cultural Delegations (Outgoing Delegations)

As usual, several cultural delegations, both performing and non-performing, were sent abroad. The performing troupes comprised artists from the fields of ballet, Bharatanatyam, Oddissi, Kathak, Kathakali, folk dance and puppetry, and Indian popular and classical music. These troupes visited U.K., Algeria, Ghana, Yugoslavia, Bulgaria, Romania, Syria, U.A.E., Yeman and Egypt. Notable among the troupes sent were the 42 member dance ensemble consisting of the Darpana Troupe from Ahmedabad, the Kadamb School of Kathak of Ahmedabad, and Kathakali troupe of the Kerala Kala Mandalam, which visited China, the Democratic Peoples Republic of Korea and Hongkong. Smt. Vijayantimala Bali and her troupe gave performances in Paris, etc. on the occasion of the exhibition of Indian art in Paris.

Delegations of experts from the fields of art and culture were also deputed to participate in festivals and seminars under the cultural exchange programmes with the USSR and to Australia to take part in the World Congress of Education through Art.

Exhibitions

An exhibition of Indian Art, concerning the five thousand years from the Indus Valley Civilization to the Mughal period,

was arranged in the Petit Palais, Paris, that was on display from 17th November, 1978 to 15th February, 1979. Another exhibition of works of modern Indian artists has been sent on a tour of West Asia and East Europe.

Incoming Delegations

The cultural delegations invited to visit India from foreign countries consist of performing delegations, non-performing delegations (like educationists, officials, musicians, writers, painters, scholars, indologists, etc.) and art exhibitions comprising paintings, photographs, graphic arts, posters etc.

Until October 31, 1978, three performing groups, one each from G.D.R., Yugoslavia and Bulgaria visited India and gave performances in Delhi and other parts of India. During the same period 4 art exhibitions—one each from Poland, Iraq, Yugoslavia and Romania were also received in India. These have been displayed in Delhi and a few other places in India.

The work relating to the visit of individual/non-performing delegations, both outgoing and incomings, in the fields of art, culture and literature had been transferred to the Indian Council for Cultural Relations with effect from 1975-76. The remaining work relating to the visits of performing delegations and art exhibitions from abroad under the Cultural Exchange Programmes has also been transferred to them with effect from 1st October, 1978. The Department of Culture will be releasing necessary funds to the Indian Council for Cultural Relations to meet expenditure on the transferred items of work.

Presentation of books to foreign countries

Under the scheme for presentation of books abroad, the Department sanctioned a sum of Rs. 2 lakhs to Indian Council for Cultural Relations which administers this scheme on behalf of the Department of Culture. The ICCR have presented books during the current year, to some 38 countries in the world. Special mention may be made of gift of books to USA, Canada, Ghana, Thailand, Guyana, Fiji, Syria, Tanzania, USSR, Senegal and Algeria. Books worth Rs. 50,000 were sent to Bangladesh for presentation to various institutions. The total number of books so far sent during the current year is approximately 5,500.

Presentation of Art Objects

Under the scheme for presentation of Art objects abroad, a sum of Rs. 50,000 is made available to ICCR. Under the scheme ICCR has despatched to various countries pieces of contemporary craft such as musical instruments, dolls, puppets, masks and costumes.

Essay Competition

The ICCR is administering the scheme on behalf of the Department of Culture for which the Council is granted Rs. 50,000. The object of holding these competitions is to create a better understanding about the life and culture of India by arousing interest among the younger generation abroad. The missions organise these competitions every year for school and college students in their territories. The Council sends items of handicrafts, books and L.P. records etc. as prizes to the winners. During the current year, prizes for these competitions were awarded to competitors from 9 countries.

Assistance to Indo-Foreign Friendship Societies

Indo-Foreign Friendship Societies situated in 50 countries are assisted by grants-in-aid as a measure for promoting cultural contacts with India. These societies organise lectures, festivals and exhibitions on Indian Art and Culture. They also entertain prominent visitors from India when they happen to be in the concerned countries. During 1978-79, a sum of Rs. 2.60 lakhs was paid to cover 75 societies through Indian Missions abroad.

CHAPTER II

ARCHAEOLOGY

The Archaeological Survey of India continued its activities in the various fields like Excavations, Explorations, Preservation of Monuments, Horticultural Operations, Chemical preservation, maintenance of Site-Museums, preservation of Antiquities and Art Treasures and running of a School of Archaeology.

I. EXPLORATION AND EXCAVATIONS

A. Explorations

A large number of sites were explored and discovered in parts of Andhra Pradesh, Bihar, Jammu & Kashmir, Madhya Pradesh, Karnataka, Maharashtra and Uttar Pradesh which cover various periods extending from the Lower Palaeolithic Age to the medieval period.

A Lower Palaeolithic site has yielded fine specimen of Acheulean hand-axes, ovates, flakes and cores of *quartzite* at Kalamalla village, District in Cuddapah, Andhra Pradesh.

Lower Palaeolithic tools and microlith were collected from Agaria, Blarkho, Chopra, Gopisar, Hirankheda, Kharwal, Nimkheda, Peeplekeda, Ratanpur, Satkunda and Sayatganj in District Raisen, M.P.

During the course of explorations in Surguja District, Madhya Pradesh, Cores and flakes of the Upper Palaeolithic Age were collected from Jajgaon and the area surrounding the Ramgarh hill.

A number of painted rock-shelters were noticed in villages Hirankheda, Kharwal, Ratanpur and Satkunda in District Raisen, Madhya Pradesh.

A late Harappan site has been located at Fatyabad, Srirampur Taluk, District Ahmednagar, Maharashtra. The surface collection includes good quantity of red ware, painted with designs akin to Rangpur II C pottery.

Hundreds of Megalithic circles were noticed at Makalabalapalle in District Cuddapah on the slopes of Yerrakandalu hill. Some of the disturbed ones revealed cists made of thick Cuddapah slabs which are locally available.

An extensive Buddhist site has been discovered at Lajgakanuma-gutta, Nandallur Taluk, District Cuddapah, Andhra Pradesh. It contains profuse vestiges of Buddhistic establishment.

A Buddhist site containing the vestiges of stupas and other monastic establishments has been discovered on a hill top (Vijayakiladri) at Sitanagaram near Vijayawada, District Guntur, Andhra Pradesh.

A four-lined Sanskrit inscription belonging to circa eighth-ninth century A.D. has been noticed on the pedestal of a miniature votive stupa recently discovered at Raisen Fort in Madhya Pradesh.

Two groups of medieval temples dedicated to Siva and Vishnu were noticed at Chidipiralla village in Kamalapuram Taluk, District Cuddapah. Both are having certain similarities in their plan and elevation. Their plan consists of square *garbhagriha*, *ardhamandapa* followed by a closed pillared *mandapa* and an open *mahamandapa* with a provision of *kakshasrna* at the sides. There are some subsidiary shrines dedicated to various *Partivara-devatas* of respective sects. A Siva *linga* on a Yoni similar to one at Gudimallam is an interesting feature of a Siva temple here.

An inscription engraved on a rock about 2 kms. from Arthuna, Rajasthan, was discovered. The epigraph in eight lines in Sanskrit (Nagari characters) is dated to V.S. 1181 (1124 A.D.).

Traces of the mural paintings discovered below the lime-plaster in some of the halls in the Mattancherry palace, Cochin, have come out in the course of the chemical treatment.

B. Excavation

During the year under review, six problem-oriented excavations were conducted in different regions of India. These cover

various periods of history extending from proto-historical age to medieval periods.

(i) *Antichak* : Excavations were undertaken at Antichak, District Bhagalpur, Bihar, to expose the remaining structures of *Mahavihar*. The work was completed. Portions of a boundry wall of the monastery complex have also been exposed.

(ii) *Chechar* : Excavations at Chechar, District Vaishali, Bihar, have yielded evidence of Neolithic of occupation in the earliest period of occupation.

(iii) *Daimabad* : Excavations at Daimabad, District Ahmednagar, Maharashtra, have given a sequence of five cultural phases. More evidence of late Harappan culture has been brought to light. A seal with typical Harappan pictographic script is an important find of the year.

(iv) *Fatehpur Sikri* : As a result of excavations conducted at Fatehpur Sikri, District Agra, Uttar Pradesh, a hammam complex and some other buildings have been completely exposed.

(v) *Satanikota* : With a view to scientifically assessing potentialities of the site and salvage antiquarian remains before the area is submerged in Srisailem Project, excavations were carried out at Satanikota. The excavations revealed only one period of occupation and most important amongst the remains was a fortification wall and a moat having a draw-bridge.

(vi) *Sringaverapur* : The ancient mound at Sringaverapur, 35 kilometers of upstream of Allahabad was jointly excavated by the Archaeological Survey of India and the Institute of Advance Study at Simla. The site had yielded a four-fold sequence from the early century of 1st millennium B.C. to 1300 A.D.

C. Village-to-village survey of antiquarian remains

The village to village survey of antiquarian remains has been organised and the Archaeological Survey of India and 13 Universities and one Research Institute are at present engaged in village-to-village survey of antiquarian remains in the country.

II. CONSERVATION

The Archaeological Survey of India continued to maintain, preserve and carry out major structural repairs to centrally

protected monuments during the year 1978-79. The Survey has faced the challenge successfully in taking up works at high altitude for structural repairs to monuments at Ladakh. Important monuments undergoing major structural repairs are : Buddhist monuments at Lahul-Spiti Valley in Himachal Pradesh; Parimahal and Buddhist site at Harwan in Jammu and Kashmir State ; group of temples at Bhubaneswar, Jagannatha temple complex at Puri and Sun temple at Konarak in Orissa State; astronomical observatories known as Jantar Mantar, the Qutab Minar, Raushanara Baradari, the Red Fort, Purana Qila and tombs of Bhure Khan and Chote Khan in Delhi; group of temples at Arthuna, monuments in Chitorgarh Fort, monuments at Deeg and Bharatpur in Rajasthan ; Sarangpur Gate and monuments at Champaner, Dwarakadhish group of temples at Dwaraka in Gujarat State; Buddhist monument at Antichak in Bihar State; Varaha sculpture at Karanpur, monuments at Mandu in Madhya Pradesh; monuments at Lucknow, the Taj Mahal, Red Fort at Agra, Akbar's Tomb at Sikandara, Nirvana stupa at Deoria in Uttar Pradesh; Venkataramana temple at Gingee in Tamil Nadu; ruins at Khaspur, Bishnudol at Sibsagar in Assam State; Gumti Gateway at Gaur and Dargah of Zafar Khan Ghazi at Tribeni in West Bengal ; Bibi-ka-Maqbara at Aurangabad, Raygad Fort at Raygad, Panhala Kazi Caves, Beasein Fort in Maharashtra State; Bom Jesus and St. Francis Churches at Goa; and Tippu Sultan's Palace at Bangalore, Caves and temples at Badami and Aihole in Karnataka State.

For the preservation of the Shore temple at Mahabalipuram, a groyne wall is being constructed in the sea where on reclamation of land, plantation of trees will be done to act as a shield against blowing of the sea-salt. The salvation work of temples in the areas near Alampur, which are to be submerged under the Srisalam Project in Andhra Pradesh, has also been taken up.

The Survey has taken up large-scale Horticultural operation at Hampi and Chitorgarh Fort in addition to the maintenance and enlarging of gardens at various monuments.

Chemical preservation of murals at Ajanta, Goa, Bundi palace, Brihadisvara temple at Tanjavur, monasteries at Tabo in Lahul-Spiti valley and chemical treatment of stones of temples at Khajuraho and Dhamek Stupa at Sarnath are being carried out. The Survey has set up a laboratory in Agra to conduct tests as also to study the air-pollution problems in and around the monuments in Agra.

III. PRESERVATION OF ANTIQUITIES AND ART TREASURES

All round progress was maintained during 1978 in the implementation of the various provisions of the Antiquities and Art Treasures Act, 1972, especially in the matter of registration of antiquities and issue of licences for dealing in antiquities. Through efforts made to impress upon the people the necessity of getting their antiquities registered, the initial apathy towards registration was overcome to a very great extent and about twenty thousand objects were registered and certificates in respect thereof issued during the period under review. Due to paucity of funds, Registering Officers have been appointed only at important places of India, but keeping in view the extreme remoteness of Mizoram and the resulting inconvenience faced by the people there in getting their antiquities, a Registering Officer has been appointed at Aizal also. Various dealers in art objects were persuaded to take out licences for dealing in such objects, and their response has been quite satisfactory.

With a view to ensuring that people desiring to export objects of art which are not antiquities are not inconvenienced, Expert Advisory Committees have been functioning at various important places in India. During the period under review such a committee has been set up at Nagapattinam port also, thereby ensuring that the trade of export of non-antiquities from that part does not suffer.

It had been found that the museums in India through purchase of objects of art and antiquities had provided an incentive to the theft of antiquities. To countermand it, the various museums have been asked not to purchase unregistered antiquities.

The work of inspection of various institutions and museums, entitled in terms of the Act to exemption from registration of their antiquities, was continued. Guidance was issued to such bodies for complying with the necessary conditions and it is expected that very soon they would come up to the standard demanded. At the same time efforts continued for persuading such institutions as are not entitled to exemption to get their antiquities registered. Despite the delicacy of the situation caused by religious and emotional factors, some headway has been made.

The working of the Act and the Rules made thereunder remained under close watch and Antiquities and Art Treasures (Amendment) Rules, 1978 were promulgated to provide for tighter control over dealings in, and movements of antiquities.

The Antiquities and Art Treasures Act, 1972, has now been extended to Sikkim State also. Steps have been taken to set up the machinery necessary for the enforcement of the Act in that State.

For the effective implementation of the Act, a course—the 3rd Orientation Course, was organised for the benefit of all the agencies involved viz. Police, Registering Officers, Customs etc. Lectures by experts were delivered on all aspects of the matter, from the legal to the technical ones. Various suggestions made at the course were taken notice of and follow up action was taken.

To create consciousness of our cultural heritage amongst the people, an exhibition of the antiquities confiscated by the customs was organized at Bombay. Judging by the huge gathering at it, the exhibition was quite a success in arousing public interest in our antiquarian wealth.

Sculptures lying loose in out-of-the way places have posed problems of protection and preservation. As a first step, measures have been initiated for their documentation and for shifting them to safe places wherever possible.

In terms of the Act, only the Director-General at present can give final verdict as to whether an object is an antiquity or not. Pursuant to this position many cases were decided by the Director-General at Headquarters office and at various other places.

Most of the antiquities stolen from our monuments are destined for the United States. As the United States has not so far ratified the Unesco Convention for the restitution of stolen cultural property, steps have been initiated for entering into a bilateral treaty for the return of stolen cultural property with that country.

IV. MUSEUMS

The Museums Branch of the Survey looks after 20 site museums spread over different parts of the country. Recently it has taken over the charge of the War Memorial Museum at Red Fort which is proposed to be reorganised as a period museum of arms.

The setting up of the museums at Taj at Agra, and Lothal, a Harappan site in Gujarat, has made considerable progress. The galleries in ground floor of the Taj Museum, highlighting the history of the construction of Taj and the period of Shahjahan, have been organised. At Lothal, the electric and water connections have been provided.

The work of electrification at Bijapur and Halebid, both in Karnataka, has been completed. Two galleries at the Archaeological Museum, Vaisali, have been set up and thrown open to the public, while the beginning of a site museum at Purana Qila has been made by displaying the representative excavated finds from the site.

Under the reorganisation programme the main hall of the Archaeological Museum, Bodh-Gaya, has been completely modernized, while the extension of Archaeological Museum, Halebid, by displaying more sculptures, and flooring of the Archaeological Museum, Bijapur, was also completed.

Of the temporary exhibitions organized, the one put up at Gingee, Tamil Nadu, during the Second Conservation Course is noteworthy. This year one of the Directors of Survey organized the Thirteenth All-India Museums Camp at Hyderabad, the proceedings of which have been brought out.

V. SCHOOL OF ARCHAEOLOGY

The School of Archaeology (under the Archaeological Survey of India functioning under a Director) has, as one of its main functions, the offering of a professional, One Year Diploma Course in Archaeology—of which the current year will be 20th session, since the inception of the School in 1959. This has been attracting officially sponsored trainees as well as students from both within the country and from the friendly neighbouring countries either under Colombo Plan or other arrangements, for which a seat is provided, subject to demand, every year. The expert teaching and training in the field offered under the Diploma course has been not only appreciated by these countries but also has been of benefit to them, as such a course is officially offered only in India under Archaeological Survey of India in the whole of Asia.

In addition to this, special refresher as well as short term intensive courses in conservation of ancient monuments (Theory

and Practical) has also been one of the periodical features of the Survey and in recent years, the organisation of these has devolved upon the School of Archaeology. Two such special courses had been conducted, one in 1977 at Mandu (Madhya Pradesh) and another in 1978 at Gingee (Tamil Nadu). In the latter one of the official trainee invitees from Sikkim has also been trained.

Scholars coming to India on Cultural Exchange Programme for study of and visits to monuments have also been handled and their programme, usually, a month long, arranged by the School.

Pursuant to the statutory need under the recruitment rules for Gazetted (class I) Officers of the Archaeological Survey of India, a Departmental Training Course for Deputy Superintending Archaeologist and Superintending Archaeologist (Direct recruits) who are under probation, was also organised, after getting the necessary syllabus and mode of examination, as a sequel to the training course, approved by Government. This course is for four months (October—January) every year, subject to the availability of Probationary Officers selected in a given year. The first such course was gone through in 1977-78, and the trainees were also imparted field training in conservation and excavation, the latter where they had no approved experience in that field. Besides this, audio visual programmes during the theory lectures were also arranged. The syllabus was based on subjects of significance for both research and archaeological administration.

VI. PUBLICATIONS

The Survey has its own Publication Wing, which brings out, besides Archaeological and Epigraphical report of technical nature, various kinds of popular but erudite publications like guide-books on important sites and Archaeological museums, apart from folders and series of coloured and black-and-white picture postcards. The brief account of its publications during the period under review is given below :—

(A) Reports of technical nature

Of the two issues of *Indian Archaeology—A Review*, the one for 1972-73 has been published, while the next issue *i.e.* for 1973-74, is in the advanced stage of printing and is expected to be released for sale shortly; further, the one for 1974-75 has also been made press-ready. In the Architectural Survey of Temples series was published the monograph entitled *An Architectural*

Survey of Temples of Kerala. The next number on the *Cave-Temples of the Deccan* is in the press. The *Indus Script* which was published in 1978 as the Memoir of the Archaeological Survey of India no: 77 secured a trophy and a first prize in the Nineteenth All-India Master Printers Competition for excellence in printing. The next two numbers and the (78 and 79): the *Report on Lothal Excavations (Part I)* and *Karandai Plates of Rajendra Chola I* are in different stages of printing. Two volumes, one entitled *Inscriptions of the Silahara* and the other part II of the *Inscriptions of the Paramaras Chandellos, Kachchapaghatas and two Minor Dynasties*, were brought out, in the series of the volume VI and VII respectively of the *Corpus Inscriptionum Indicarum*.

(B) Popular but erudite publication

Five guide-books—*Bhubaneswar, Sanchi, Chola Temples and Monuments of Kerala* in English and *Ajanta* in Marathi, have been brought out. Ten such publications, *Ajanta, Khajuraho, Mahabalipuram, Nagarjunakonda, Sarnath (English), Sarnath (Hindi), Amaravati, Archaeological Museum, Khajuraho, Archaeological Museum, Sanchi* and *Ahmedabad*, are in various stages of printing. A set of fifty picture postcards on important monuments of India and a number of other sets each devoted to monuments and museum like “Amaravati” “Halebid”, “Nagarjunakonda”, “Somnathpur”, “Sringeri”, “Sriangapetnam” etc., were printed off. Forty coloured picture postcards and one black-and-white picture postcards set on the monuments at Gaurisagar, Jayasagar and Sibsagar (in Assam) are in press. These publications are sold at the sites for tourists and visitors. A folder on the Indus Valley Civilization was brought out on the occasion of the exhibition on the “Recent Finds from Harappan Sites”, organised at New Delhi, Bombay and Simla.

CHAPTER III

ANTHROPOLOGY

Anthropological Survey of India, Calcutta attempts to preserve the diverse nature of our culture by orienting its programme to national tasks and by covering major gaps in developing programme of nation-wide continuance of anthropological studies of human groups. Its main activities are :—

(i) Physical Anthropology

The research activities of the Physical Anthropology Wing encompassed different subfields such as osteology, palaeo-anthropology, human biology, demogenetics, dermatoglyphics, growth, and nutrition. The osteology laboratory was engaged in the restoration and preservation work of the ancient human remains excavated from different archaeological sites. An inventory of several ancient series was prepared; the remaining series are being inventorised. A report on the finds from Rupar (Punjab) was completed. The human remains excavated from the Bronze Age site at Kalibangan in Rajasthan were chemically treated and reconstructed for laboratory study. Measurements were taken on this series; indices were calculated; and the stature and cranial capacity were estimated according to the standard procedure. A report entitled "Size of the post-canine tooth crowns of the Andaman Negritos" was completed. A study on the dental health of the ancient Indian population was also completed showing that they were remarkably free from dental morbidities. The Anthropological Survey of India collaborated with the Archaeological Survey of India by deputing officers to hold classes and deliver lectures at the School of Archaeology, New Delhi.

Blood samples were collected from different populations for studying the ABO, MN, and Rh blood group systems. Blood group data collected earlier from the Pradhan of Mandla District of Madhya Pradesh, the Parsi of Maharashtra, and the Mikir and Pnar of Meghalaya, were analyzed. Investigations on sickle cell trait, G6PD enzyme deficiency, ABH secretion, and phenyl-thio-carbamide taste sensitivity were carried out.

Five research teams were formed and deputed to work on the genetical demography of small populations in Orissa, West Bengal, and the Andaman and Nicobar Islands. The first round of field work on genetical demography has already been completed in Orissa and West Bengal. Field work has been in progress in Garo Hills and the Andaman Islands. Arrangements have been made for taking up the second round of investigations. Dermatoglyphic researches were conducted on the Parsi of Maharashtra, Dorla and Dhurwa of Bastar District (Madhya Pradesh), Nicobar Islanders, and some caste populations of Andhra Pradesh and West Bengal. The relationships between dermatoglyphic characters and digital anomalies and other abnormalities were examined. Finger and palm prints collected from Karnataka, Uttar Pradesh and Kashmir were also analyzed.

A study of the pattern of growth and development was conducted among the Khasi boys and girls of Meghalaya. A report on the adolescent growth in both sexes, based on an extensive field study in Midnapore District (West Bengal), was completed. A report on the diet and body build of Lakshadweep Islanders was also completed. Anthropometric data of the Muslim and Parsi communities were statistically analyzed. Some data on bodyheight and bodyweight of the Indian people were furnished to the Finance Commission, New Delhi, as asked for by them. A number of research papers were prepared for presentation at the Xth International Congress of Anthropological and Ethnological Sciences, and also at the Indian Science Congress. An exhibition of ancient human remains belonging to the period from 2300 B.C. to 300 B.C. approximately was organised at Vigyan Bhavan, New Delhi, on the occasion of the Xth International Congress of Anthropological and Ethnological Sciences.

(ii) Cultural Anthropology

The Cultural Anthropology Wing of the Survey during the year 1978-79 completed the major All India Project on Tribal Customary Law. A total of 54 papers on different tribes were prepared by the research staff on the basis of field work, and a selected number of them were discussed in a seminar held at the headquarters from November 16 to 18, 1978. A volume is being edited in the light of the discussions.

Research workers of the Survey are continuing the analysis of the data on the All India Project "Culture Trait and Culture Area Survey". A workshop seminar on Indian nomads was orga-

nized by the Survey at its Southern Regional office at Mysore in collaboration with the Indian Statistical Institute. Papers on both biological and social aspects of the nomads were presented and discussed in the seminar. On completion of 25 years of the Andaman & Nicobar Regional Office at Port Blair, a seminar on the tribal problem of the region and an exhibition of ethnographic specimens were organized from the 21st to 24th April, 1978. Scholars belonging to different Institutions participated on the seminar. A special programme of publication was also taken up on this occasion.

The Survey has actively participated in the Xth International Congress of Anthropological and Ethnological Science held at New Delhi from the 10th to 16th December, 1978. About 40 original research papers were contributed by the members of the Survey to the Plenary and Post-Plenary Sessions of the Congress. An exhibition of photographs and artefacts depicting the tribal life in India was arranged at Vigyan Bhavan, New Delhi, during Xth International Congress of Anthropological and Ethnological Sciences.

Besides this, a total of 41 research papers including 16 on nomadic and tribal communities were completed.

The Survey is continuing research work on the following topics and projects : System of chieftainship in North East India; tribal politics in one selected area in Andhra; traditional political system in Central India; study of Gond Kingdom; society and culture of the people of Kulu; ethnographic study of the Tadvi Bhil; ethnographic study of the Cholanaiakens. Nicobarese, kondakapu, Garasia and Valmiki; Compilation of data and preparation of notes on tribal education; shifting cultivation among the tribes of South, Central and North India; analysis of data on Linguistic Trait Survey and personality structure of the Bhils; comparative studies on social structure and political system of the Gonds of Central India; editing of a volume on social and political institutions of the hill people, progress of research in Cultural Anthropology between 1971 and 1975, and a compendium on the Indian tribes. The Survey has also undertaken an All India project on Tribal Education to identify the problems of Education in the Tribal areas.

Psychology

A seminar on psycho-social problems of selected tribes and ethnic groups was organized in August 1978 at the headquarter-

ters in which a number of research papers were presented and discussed. Eminent scholars from universities and other institutions participated at the Seminar.

Linguistic

A seminar on linguistic traits was held at the headquarters on 28-29 August, 1978 at which eminent scholars from universities and other institutions participated.

Human Ecology

The Survey sent a delegation to a conference held under the auspices of FAO in Bangkok from December 13 to 15, 1978 on the problem of shifting cultivation in collaboration with other developing countries of the South and Southeast Asia.

Besides, special studies on the ecological adaptation of the Onge of Little Andaman and of the ethnic groups of the hill districts of Uttar Pradesh have been initiated.

(iii) Museums

Zonal museums were opened at Jagdalpur in April, 1978 and at Nagpur in September, 1978. On the occasion of inauguration of the museum at Nagpur a seminar on tribal situation in Central India was held at the Regional Office in which a number of papers on different tribes of the region and their problems were presented and discussed.

(iv) Fellowship Programme

Twenty three research fellows have been working on different problems in cultural and physical anthropology under the sponsorship of the Survey. The objective of this programme is to encourage original research in anthropology by scholars who have passed post-graduate courses in anthropology and allied sciences.

(v) Library

More than 1000 books and a large number of periodicals on anthropology and allied sciences have been added to the Central and Regional libraries of the Survey during the year.

(vi) Photography and Cinematography

A photographic album on the tribes inhabiting different regions of the country is being prepared by the Survey depicting their life and culture.

The Survey participated in the meetings of the Commission on Visual Anthropology arranged during the Xth International Congress of Anthropology and Ethnological Sciences and arranged ethnographic film shows.

(vii) Publication

During the period under review the Survey published three memoirs entitled "Culture Change in Two Garo Villages", "Metal Craftsman of India", "Impact of Industrialization on a Tribe in South Bihar", two bulletins, and four other memoirs on urbanization, ethnolinguistics and ethnography. In addition, information brochures in Hindi and English were published on the opening of Zonal Museums at Jagdalpur and Nagpur and Silver Jubilee celebration of the Andaman & Nicobar Regional Office at Port Blair.

A Directory of Anthropologists in India has been arranged for publication. The publication of this Survey were exhibited at Vigyan Bhawan during the Xth International Congress of Anthropological and Ethnological Sciences, 1978.

(viii) School of Anthropology

A nucleus of the school of Anthropology has been organised and necessary ground work has been prepared for commencement of the courses. A draft prospectus with aims, objectives, rules, regulations, nature and extent of the courses and other details have been prepared. Courses in Anthropology in different institutions and rules of allied institutions were consulted and reviewed. An outline of the academic sessions and literature and practical programmes of the courses and the organisation of three semesters were discussed and developed.

CHAPTER IV

ARCHIVES

National Archives of India is the biggest repository of Government records and other archival material in the country.

The notable event during the period was the celebration of 'Archives-week' held on 7—13 August, 1978. In this connection to familiarize the public with the Archives, the Department organised an exhibition entitled "Our Heritage" based on old public records and private papers. It also invited "Open House" visits, where visitors were allowed to see the record rooms and techniques employed in the preservation and rehabilitation of old fragile papers. About 3000 persons, and about 2000 school and college students visited the National Archives of India during this week.

Another interesting event of the period was the preparation of an album of 24 important documents in Persian available in the National Archives of India—both illuminated and in black and white—covering the period from Humayun's times to the close of the 19th Century. The said album bearing the theme 'Persian in Indian Administration' was presented to the Foreign Minister of Iran on 3rd February, 1978 during the visit of their Majesties of Iran to India.

Under its expansion Programme the National Archives of India would assume the administrative control over the Pondicherry Archives on January 1, 1979.

Accessions

During the period April-November '78 the Department acquired 4342 files of the Legislatives Department (1870—1944) from the Ministry of Law and Justice; 7 Indices (1966-67) 5 files of the Ministry of States (Political Branch—1948-40) and 28 files of the judicial branch from the Ministry of Home Affairs; 19 files of the standing Finance Committee (1950-53) and 48 files of Department of Expenditure (1923—57) from the Ministry of

Finance. Besides 111 authenticated Bills passed by the various State legislatures and assented to by the President of India were also received.

During the remaining period under report, about 100 files are likely to be received from various Ministries/Departments of the Government of India.

As regards Private papers, the Department received from Shri M. K. Ghosh, of the Indian National Trade Union Congress, New Delhi, 3 files containing the papers relating to the labour movement in Tatanagar. The Department also received as gift the following items. A Persian book entitled *Dastan-i-Turhtazan-i-Hind* (in five volumes) from Dr. H. R. Zaidi of Hyderabad; a diary "Lhasa at Last 1903-4" by Evan Trigh Crosleigh from the Defence Library; 7 files, one report and some pamphlets belonging to the late scientist Dr. Shanti Swarup Bhatnagar dealing with the scientific activities in India during 1940—54.

Besides, on the recommendations of the Historical Documents Purchase Committee the following items were acquired on payment; 91 documents in Persian in the form of *Parwanas, Iqranammas, Tamassuks* etc; an original farman of the reign of Shah Alam II (15th January, 1778 regarding *altamgha* grant; and seven old rare English books namely: (i) *The Christian conquest of India* by James M. Thoburn, (ii) *Glory and Bondage* by Edgar Snow (iii) *Reminiscences* by Kalpana Dutt (iv) *A glimpse into a Maharaja's Life* by M. K. Karnik, (v) *A Standard Hindustani Grammar* by M. A. Khan Haidari (vi) *Expansion of England* by Sir J. R. Seeley and (vii) *Indian Travel Diary of a Philosopher* by Count Hermann.

In addition, microfilm copies of records of Indian interest were acquired from abroad & these included 51 rolls of Factory Records from India Office Library and Records, London, one Microfilm roll from the Bibliotheque Nationale, Paris, 5 microfilm rolls from Hungary; 3 microfilm rolls from Australia and 4 microfilm rolls of Indian National Committee, Sweden.

Library

About 6736 Journals, Periodicals, Gazetteers, Lok Sabha and Rajya Sabha Debates were received and it is proposed to purchase more books/periodicals etc. during the remaining period.

Record Management

During the period the Department appraised 43,791 files belonging to the following series of records : Ministry of Defence (Military Department, 1890-91), Public Works Department (1869-1923), Railway Department (1908—52), Malwa Political Agency (1875—1947), Bhopal Political Agency (1875—1947), Orissa States Agency (1904—47), Central India Agency (1872—1943), Bundelkhand Agency (1827—1947), Chhatisgarh States Agency (1901—47), Eastern States Agency (1933—47), Kalhiawar Political Agency (1873—1944, 1908—42), Gwalior Residency (1922—47), Mysore Residency (1940—47), Madras Residency (1875—1925), Baroda Residency (1914—48), and National Archives of India/Imperial Record Department. Out of these 13,751 files were recommended for permanent retention.

As a result of the implementation of the Archival Policy Resolution issued by the Government of India, the fourth Report of the Director of Archives (1976-77) was printed and distributed among the Ministries/Departments, Offices. Besides, the fifth report of the Director of Archives (1977-78) on the subject was sent for printing which is likely to be out of the press shortly. Further, a circular letter seeking information from the Ministries/Departments for the Sixth Report of the Director of Archives (1978-79) would also be issued by the end of the financial year.

To put Record Management programme on proper lines, the Department examined Retention Schedules for records, prepared by the following agencies : Ministry of Shipping and Transport, Indian Council of Agricultural Research, Prime Minister's Office, Department of Supply, Office of the Land and Development (Ministry of Works and Housing), National Museum, Department of Agriculture, Department of Food, Department of Company Affairs, Department of Electronics, and Ganga Basin Water Resources Organisation.

The Assistant Directors of Archives (Record Management) and other officers of the Record Management Division visited the Ministries of External Affairs and Home Affairs, Bihar State Archives, Department of Education, Pondicherry, College of the Military Engineering, Poona, Collectorate of Custom, Bombay, Textile Commissioner, Bombay, Gujarat State High Court, Ahmedabad, Controller of Insurance, Simla and advised them on their record management programme.

During the remaining period it is expected that the scrutiny of the Retention schedules for records of five Ministries/Departments will be completed and appraisal of about 8,000 volumes of Kathiawar Political Agency, 11,500 files of Railway Board and 10,000 files of Ministries/Departments outside National Archives of India will be completed.

Towards Freedom Project

Under the 'Towards Freedom' Project search for material from the records was continued and further selections of relevant materials were made from the collections of M. R. Jayakar (1942-47) & Rajendra Prasad (1939-42). Besides, the Unit also examined records of the following agencies : Home Department (Public Police and Jail (1940-45), Home Political (1946-47), External Affairs (1942-44), External Affairs Political (1937), Rajputana Residency (1937-47), Freedom movement papers (B. Group, 1942-46). Further in the same connection the microfilm rolls of the private papers of Linlithgow (1937) and Haig (1937-39) were also examined and 9500 pages of the selected material were typed out. Members of the Unit also visited and selected relevant material covering the years 1937-40 from the State Archives, Delhi, Rajasthan, Orissa and Uttar Pradesh. Besides keeping up its work regarding examinations and selection of material from the private papers as well as Official records the Unit proposes to select materials from State Archives of Karnataka, Madhya Pradesh and Maharashtra during the remaining period.

Steady progress was maintained in the preparation of reference media, both for the public records and private papers. Under the programme of preparation of summary inventory of records belonging to Foreign (Secret) Department (1799-1811) during the period work on records for the year 1804 was completed and that on records for the year 1805 was taken up. Also subject lists of 4,777 files of different branches of Home Department and 5,470 items of the collections of Rajendra Prasad, Dadabhai Naroji, P. K. Malaviya and B. D. Chaturvedi were prepared during April-November 1978. Besides, check lists of 61,268 files of the Public Works Department and Home Department were prepared and also 800 documents belonging to the Inayat Jang collection were descriptively docketed.

Subject listing of about 7,000 items of private papers, check list of about 13,800 files of Home Department (Separate Revenue) and 12,880 manuscript pages of Foreign (Secret) Department are to be prepared during the remaining period.

Under the project of compilation of a Guide to the Records in the National Archives of India, Part II of the guide was brought out. It covers the records of the Home Department, its predecessor bodies (*i.e.* Public Department & General Department) as well as its successor body *viz.*, Ministry of Home Affairs (1748-1957). The work regarding compilation of Part III (1756-1954) which is to include the records of the (i) Foreign and Political Department/Ministry of External Affairs/Ministry of States and (ii) Indian Overseas Department/Commonwealth Relations Department is in progress and it is expected to be completed during the remaining period under report.

Research and Reference Service

About 350 Indian and Foreign scholars were provided with facilities for research among the records during April—November 1978. Approximately 250 scholars are expected to attend during the remaining period.

Technical Service

Keeping up its programme of repair and rehabilitation of brittle documents, during the period the Department laminated 37,142 sheets, repaired 49,245 sheets and 749 maps and bound 580 volumes and 198 books. It is expected that 45,080 sheets will be laminated, 22,800 sheets will be repaired and 350 volumes and 300 books will be bound during the remaining period under report.

Microfilming of records and rendering of reprographic service to scholars were continued as usual. About 436260 exposures of microfilm, 4485 metres of positive printing, 18642 xerox copies and 1635 photo copies were prepared. It is expected that during the remaining period 188000 exposures, 3225 metres of positive printing, 22042 xerox copies and 1985 photo copies will be attended to by the Department.

Training in Archives Keeping

During the period training facilities on the general principles of Archives Administration and repair and photo duplication of records, both in theoretical and practical fields, were provided to the trainees of the One-year Diploma Course in Archives Keeping as well as to the trainees of the short term courses of Record Management and Repair of Record. Under the One Year Diploma course 13 trainees (1977-78) completed their course and 16 candidates for the year 1978-79 course were selected. Under the

short term courses of Record Management and Repair of Records 15 & 9 candidates respectively coming from various Government Departments/agencies completed their courses. In addition, special training facilities in Repair and Photo duplication were provided to nominees of the National Archives of Malaysia, and Record Centre of National Archives of India, Jaipur. A special feature of the period under review was the commencement of the correspondence course in Archives keeping for one year. The course was started in June 1978 and 154 candidates from different parts of India were admitted to the course and lessons were despatched to them. Practical training for these candidates would be conducted in National Archives of India and in selected State Archives like U.P., Orissa, Andhra Pradesh and Rajasthan.

Publications

During the period the following publications were brought out : *Fort William India House Correspondence* Vol. II (public series 1793—95, Honorary Editor Amales Tripathi) *the Indian Archives* Vol. XXV No. 2 (July—December 1976), Vol. XXVI No. 1-2 (January—June 1977) ; *The Annual Report of the National Archives of India, 1976-77, Compendium of the Resolutions of the Indian Historical Record Commission* Volume II (1948—72) and proceedings of the 45th Session of *Indian Historical Record Commission*. Compilation of Volume XXVII No. 1 (January—June 1978) of *the Indian Archives* was completed and it is to be sent to the press shortly. Besides, work on volume IX of *Bulletin of Research Theses and Dissertations* is in progress. The work regarding compilation of material for *the Indian Archives* Vol. XXVII, No. 2 (July—December 1978) and *the Annual Report of National Archives of India, 1978* would be undertaken during the remaining period under report.

National Register of Private Records

Work on Volume IX containing information received from Andhra Pradesh, Assam, Bihar, Karnataka, Punjab, Tamil Nadu, Uttar Pradesh, West Bengal and also a note on the material acquired by the National Archives of India from various private individuals during 1967-68 was completed. Compilation of volumes X and XI of the National Register is presently in progress.

Other Activities

During the period under report, several officers of the Archives were deputed abroad to various countries to participate in seminars and conferences on various aspects of archives.

CHAPTER V

MUSEUMS AND LIBRARIES AND THEIR CONSERVATION AND DEVELOPMENT

The Government of India set up and have been administering a chain of museums and libraries, each with distinguishing features. They have also been extending substantial financial assistance to a few others, considered to be of great importance. Besides, they have been following a few schemes relating to their conservation and development. An account of the activities in this field during the year is given in this chapter.

MUSEUMS

Museums are repositories of cultural, historical, technical, industrial or other kinds of materials and help in the preservation of the National Cultural Heritage. The Government of India maintains the National Museum at New Delhi and administers some other Central Museums.

They are :—

- (i) National Museum, New Delhi
- (ii) Indian Museum, Calcutta
- (iii) Salar Jung Museum, Hyderabad
- (iv) Victoria Memorial Hall, Calcutta
- (v) National Museum of Man
- (vi) National Research Laboratory for Conservation of Cultural Property
- (vii) National Gallery of Modern Art
- (viii) Science Museums.

National Museum, New Delhi

The National Museum, one of the premier museums in the country, continued to develop in all directions, such as acquisitions, exhibitions, conservation and educational activities.

Art objects worth Rs. 8,19,000 were purchased by the Art Purchase Committee for the National Museum. Significant among the art objects are Standing Vishnu of Pallava period, 9th Cent. A.D., Ravana shaking Mount Kailasha, Vijayanagar, 17th Cent. A.D., one jewellers mould, 3 seals and very interesting inscribed coin of Ujjain.

A gold coin of Vindhya Sakti of about 8th Cent. A.D. was donated by Shri S.M. Shukla of Bombay. Ten sculptures were received in exchange of art objects from the Sagar University Museum. The Archaeological Survey of India gave a long term loan of 2 sculptures from Mandor, 2 from Bassein, 2 from Badami, 2 from Ellora and one from Ajanta, besides one from Mansar and one from Pauni.

Exhibitions

The following exhibitions were organised in the Museum .

- (a) Reproduction of Ruben's paintings
- (b) Contents of the 'Time Capsule.'
- (c) Elwine collection of Tribal Arts and crafts.
- (d) Naga Arts and crafts.

As part of the celebration of the Museum week (January 8—14, 1978) the Musical Instruments Gallery was formally opened by the Minister of Education, Social Welfare and Culture, Dr. P. C. Chunder.

Under the Culture Exchange Programme an "exhibition of Indian Art" was organised by the Muscum in Paris. The choice of the exhibits was made to present a cross-section of Indian Art from the days of the Harappan civilization going back to 2350 B.C. to the 19th Cent. A.D. The exhibit includes a large number of items from the collection of the National Museum but some of the exhibit belonging to some other Indian Museums and private collections have also been included. The exhibition opened on the 17th November, 1978 and continued till the end of February, 1979.

Under the scheme "Propagation of culture among students in schools and colleges". 150 educational and cultural kits were prepared and distributed to such educational institutions from which teachers had been deputed to attend orientation courses organised at different places on the appreciation of fine arts.

A regular schedule of gallery talks by Sectional/Departmental heads, was instituted during the year. Besides the above, the usual guided tours, special lectures using slides and films both in the Museum auditorium and in various schools and colleges and other cultural institutions were continued. The Mobile exhibition mounted with the exhibition "Architects of India's glory" visited a number of schools and colleges and was seen by students and teachers. At each place screening of selected films on Indian art was also arranged.

The Modelling Section of the National Museum continued to prepare replicas of Masterpieces of Indian sculptures and bronzes from the Museum collections for sale to the visitors as well as supply to the educational and cultural institutions.

Conservation

The Conservation Laboratory continued to advise and assist Museums in India in conservation and preservation of art objects in their collections. It has also been assisting the National Museum of Afghanistan in their conservation needs for setting up a laboratory at Kabul. A three months course on conservation of cultural property is being organised from middle of February until May 1979.

Publications

The following publications are in process :—

- (a) Krishna in Indian Art—by Dr. P. Banerjee (being completed).
- (b) Babarnama—by Dr. M. S. Randhawa
- (c) Ritual Arts in rural India—by Mrs. Pupal Jayakar
- (d) Two sets of colour picture post cards of miniature paintings in the National Museum collection.
- (e) Javar Gita Govinda—by Dr. (Smt.) Kapila Vatsyayan
- (f) Directory of Museums in India.

Indian Museum, Calcutta

The Indian Museum, Calcutta comprises three Sections viz.: Art, Archaeology and Anthropology.

Three new Galleries in the Art Section viz. (i) Chinese and Japanese art objects; (ii) Burmese art collections and (iii) Nepalese and Tibetan Art and Craft were declared open to the public on the 30th May, by Dr. S. K. Mukherjee, Vice-Chancellor, Calcutta University. About 285 selected specimens of applied, ritual as well as sculptural art, which fairly represent a cross-section of these phases of art in these five countries, were displayed. The work of setting up a Physical Anthropology Gallery of the Anthropology Section is in progress and is expected to be completed within a few months. A Plan for setting up a Gallery for the display of the coins has been finalised and the work will be undertaken shortly.

Publications

The following publications have been published during the year under report :—

- (1) Multi-coloured picture Postcards (Painting and Archaeology)—Reprint.
- (2) Tribes of Ancient India (I.M. Mono. No. 7) — Smt. Mamata Chowdhury.
- (3) Medical Science in Pali Literature (I.M. Mono. 10) —Dr. J. R. Hal'dar.
- (4) India Museum Bulletins, Vol. X No. 2, Vol. XII, No. 1.
- (5) Archaeology Guide Book (English)—Reprint.

The following publications are in Press :—

- (1) Indian Museum Bulletins, Vol. XI, No. 2, Vol. XII, No. 1.
- (2) Remains of the Bharhut Stupa in the Indian Museum (I.M. Mono. No. 9)—Shri A. Ghosh.
- (3) Asokan Studies—Dr. D. C. Sircar.
- (4) Kushana Coins of the Land of the five Rivers (I.M. Mono No. 12)—Dr. B. N. Mukherjee.

Exhibitions

- (a) An exposition on "Recent Collections of the Indian Museum" displaying the acquisitions of the Art, Archaeology and Anthropology Sections of the

Museum since 1972 to-date was inaugurated on the 8th September, 1978 by Mr. Raymond L. Perkins, Consul-General, United States of America.

- (b) The Exhibition on "Sculpture on Pala—Sena Art" inaugurated by Prof. S. K. Saraswati on the 13th March, continued upto 27th March, 1978. The Exhibition attracted a good number of visitors.
- (c) An exhibition on Mythological Lithographs was inaugurated by Mr. Prafula Chandra Gupta, Vice-Chancellor, Rabindra Bharati, on 1st December, 1978 which continued upto 5th December. 33 Litho prints of Mahavidyas, Avalares, Krishnalila and Hindu divinities were on show.
- (d) An exhibition on selected objects of folk arts was inaugurated by Prof. Niharranjan Ray on 19th December, 1978 folk and tribal objects like scroll paintings, ornaments, wooden dolls, wood carvings, textiles, Kanthas, Bhokra metal objects, tribes of West Bengal, photographs, charts and others were on show.
- (e) A series of temporary exhibitions entitled "Exhibit of the Month" was displayed every month in the specially oriented show-case set-up at the entrance hall of the Museum.

Lectures

A number of lectures under the Mass Education Scheme was organised during the year under report. In order to mark the hundred years of opening of Galleries in the present building, the museum also arranged a special lecture programme entitled Museum-Reviewed.

Seminar

Indian Museum in collaboration with Science Club and the Centre for Study of Man and Environment organised one day seminar on "Environment, Man and Society".

The Museum in collaboration with the Posts and Telegraphs Department organised a function on "Release of stamps on Museums of India". Shri T. N. Singh, Governor of West Bengal,

released a set of four stamps, one of which depicted Kaloadruma stone capital from the Indian Museum on 27th July, 1978.

Mobile Exhibition

The Museo-Bus containing dioramas on Indian History and Archaeology travelled different districts of North Bengal from 17th April 1978. The Museo-Bus also placed and kept in view at different Educational Institutions and Museums in Calcutta, viz., National Library, Victoria Memorial, Jadavpur University and Children Little Theatre.

Salar Jung Museum, Hyderabad

Acquisition of art objects

The programmes of the Salar Jung Museum, Hyderabad are intended to acquire, document, preserve, exhibit and interpret the objects of ancient and medieval art and culture. The following are the significant activities of the Museum for the year under reference :

Documentation

Apart from the basic accession registers of the museum, documentation of the exhibits has been taken up on modern and scientific lines by means of card indexing of various mediums of art objects in the museum.

Further a special documentation of the inscribed art objects in the museum collection has been taken up.

Exhibition & Presentation

A 'Gallery of Jade and precious Stones', renovated and systematically presented was opened on 19th September, 1978.

Educational programmes and services

(i) 13th All India Museums' Camp was held from 20th to 26th June, 1978. Official delegates from various museums all over the country attended and discussed the subject of 'Protection of moveable cultural property'.

(ii) A lecture was arranged on 'Devi Mahatmya in Pahari paintings' by Sri F. S. Aijazuddin, an expert in the field of Indian miniatures.

(iii) An exhibition on 'Conservation of art objects represented by photographs and also scientific instruments was held between 20th to 26th June, 1978.

(iv) An exhibition on 'Pictorial Art of East India Company' was arranged based on the objects in the museum from 14th to 20th November, 1978.

(v) An exhibition on 'Calendar Architecture' was also arranged by the museum in collaboration with Max-Mueller Bhavan at Hyderabad from 24th November to 2nd December, 1978.

(vi) The Children's week was celebrated from 14th to 20th November. As usual school children below the age of 12 years were allowed free of admission charge. As part of the services during this week film shows were held by the museum daily during this period on art, monuments and children's films. Handouts containing the information on museum galleries were distributed freely to the visitors in four languages (Telugu, Urdu, Hindi and English) on Salar Jung Museum, European Statuary, clock room, Indian miniature paintings, European oil paintings and jade and precious stones. As part of this programme educational competitions were held for the school and junior college students to essay writing and debating (in four languages) and also in drawing.

Conservation

During this period about 5,985 objects of different mediums were given preservation treatment.

Publications

Salar Jung Museum Bi-Annual Research Journal Vol. IX and X was published. A catalogue of Arabic manuscripts (in the Salar Jung Museum Collection) Vol. III was also released on 19th September, 1978.

Special events

In connection with the birth anniversary of Salar Jung III a multilingual poet gathering was held on 19th September, 1978

and also the catalogue of Arabic manuscript Vol. III was released on the same day by H.E. Sri K. C. Abraham, Governor of Andhra Pradesh and Chairman, Salar Jung Museum Board.

Victoria Memorial Hall, Calcutta

The Memorial in its new role as a period Museum

Pursuant to the programme of re-orientation of the Memorial as a period museum of Indian History (1700—1900), the Memorial took steps to acquire contemporary Indian source materials consisting of maps, paintings, drawings, manuscripts, documents, coins and arms and weapons. Archival materials have received considerable additions in the form of manuscripts and rare books. About 2000 photo-prints have been obtained of objects and relics bearing relevance to the period 1700—1900 of Indian history. A significant acquisition is a large oil-painting of C. Rajagopalachari donated by the Rajaji Birth Centenary Celebration Committee of Madras.

The Research Unit has initiated a project of photographic and historical studies on houses in the Indian town of Calcutta. The project envisages preparation not only of photographic records but also of relevant historical and biographical data on the Indian families to which the houses belonged. The number of houses so far covered in camera is 52.

Preparatory work for remodelling the existing Durbar Hall as a People's Hall and for construction of a new auditorium-cum-administrative block has been undertaken. Work in connection with the setting up of a Centre for Advanced Study on Calcutta, is also in progress.

Another item in the project of display provides for setting up of new boards and cases for display of new acquisitions, besides a suitably designed display stand accommodating select objects relevant for recalling momentous events in Indian History on anniversary occasions. The project also envisages the installation of a device of taped-voice recording recitals, music and songs by way of illustrating the various phases of our national movement with special reference to the activities of the great leaders whose portraits adorn the galleries.

Popular lectures on the museum subject and special exhibitions on themes like Aesthetic of Architectures: Cities and Towns in

India (18-19 cent.) ; Rare Books in the collection of Victoria Memorial and the Common Man in India (18th and 19th centuries) so as to re-capture with visual aids various important phases of India's political, artistic and cultural activities of the 18th and 19th centuries were the highlights of the Memorial's educational programmes.

The publications brought out have been planned with the two-fold object of acquainting visitors and the larger public with classified sectional catalogues of museum objects and of supplementing the work of educational institutions through features like 'The City of Job Charnock' in the History Portfolio Series brought out in succession to the Nawabs of Bengal, the biographical sketches of National leaders of India, autograph of national leaders of India and low-priced pamphlets. The Bulletin continues to be an annual item in the Memorial's publications. The programme also provides for publication of low-priced illustrated folders in addition to picture and folio cards in colour.

National Museum of Man

The National Museum of Man has been conceived as an Institution where man and his activities from the earliest prehistoric times shall be dealt with. The main focus of the Museum will be on the following topics :

- A. Evolution of man and human variation.
- B. Man and Culture and
- C. Material Culture in Indian Unity and Diversity.

The collection of the Museum is still limited, about 144 specimens in number. Steps have already been taken for the formation of a purchase Committee to advise purchase of necessary objects for the Museum. The Photographic Section of the Museum has prepared about 750 colour slides, 800 black and white prints in addition to 1200 negatives and 300 ft. cine coverage and one cassette sound recording concerning the Pushkar Fair. The Photo Officer has been deputed also to cover the Ganga Sagar Mela. The National Museum of Man has built a very useful library consisting of books pertaining to the various ethnographical fields of specialisation. It has now in its collection about 3089 volumes.

National Research Laboratory for Conservation of Cultural Property

The Laboratory is now housed in a more spacious building and the nucleus having been started during 1977-78, more scientific and technical posts were created during the year. Many of them have been filled up and others are in the process of being filled up. The laboratory now has some special equipment like Emission Spectrograph, Flame Photometer, Metallurgical Microscope and Micro-chemical Kit, etc. The Laboratory continued its research programmes during the period under report. Several museums and archaeology departments asked for advice on conservation problems. Suitable comments were sent to them for their assistance.

Important Conservation Projects

Preservation of wall paintings at Virupaksha Temple, Hampi

On the request of the Director of Archaeology and Museums, Karnataka, chemical cleaning and conservation of wall paintings at Virupaksha temple, Hampi was carried out. The paintings had a thick coating of oily accretions. A complete photographic documentation of the work done at Hampi was maintained. Now the paintings of Vijayanagar period in this temple have been exposed to their true tonal value.

Conservation of stone sculptures at Mathura

On the request of the Director of the Government Museum, Mathura, a team was sent to Mathura for cleaning and consolidation of sculptures found at Govindnagar and now housed in the Government Museum, Mathura. There were thick deposits of lime and clay on the surface of the sculptures thus obliterating the fine carved details. Layers in these sculptures were separating out. The surface of these sculptures has now been cleaned and the stone strengthened.

Preservation of wall paintings at Kusum Sarovar, Govardhan

On the request of the Director of Archaeology, U.P. Government, a special project has been undertaken to preserve the wall paintings at Kusum Sarovar, Govardhan. The wall paintings have been executed on lime plaster which has separated away from the brick wall at many places. All the paintings are covered with white and black stains. Full photographic documentation of the wall

paintings has been completed. The causes of deterioration have been ascertained and the work of cleaning and strengthening the paint has been taken up.

Training

(a) A six months training course on 'Conservation of cultural property' commenced on the 1st September, 1978. 10 trainees are participating in the course. Three of them are from abroad and the remaining from different museums and Archaeological Departments of various States. The course is given in collaboration with UNESCO and prepares trainees for conservation work. Besides the staff of the Laboratory, experts from other institutions, were invited to deliver lectures to the trainees and to hold practical demonstrations.

(b) A special course of 10 days' duration on 'Care and maintenance of Museum collections' was arranged for the students of the Department of Museology, Faculty of Fine Arts, M. S. University of Baroda. 12 students participated in the course.

Library and Documentation

More scientific and technical books and reprints of conservation articles have been added to the library. Bibliographies on various subjects are being prepared. In collaboration with the International Centre for Conservation, Rome, this library is being developed as the Asian Conservation Documentation Centre.

Publication

The publication "Care and preservation of Museum objects" is being translated into Hindi. This is a fully illustrated book for the use of the curators.

Foreign Missions and Meetings

Shri O. P. Agarwal, Project Officer attended the Council meeting of the International Centre for Conservation, Rome, held from 30th April to 5th May, 1978. He also attended the meeting of the Training Experts invited by UNESCO.

Shri O. P. Agarwal was the leader of the team which was sponsored by the Government of India to participate in the seminar on Conservation of paper materials arranged at New York

under the auspices of the Indo-U.S. Commission on Art and Culture. The seminar was held in the U.S.A. from the 12th to 16th June, 1978.

National Gallery of Modern Art

The National Gallery of Modern Art continued its endeavour to enrich its collections by acquiring outstanding pieces of Art. During the period under review, 116 works of art were added. Further, a few more works of art were received as a gift through the courtesy of the Embassy of Yugoslavia.

A prestigious exhibition of modern French paintings was arranged including masterpieces by well-known masters such as Monet, Deges, Cezanne and Pissaro etc.

On behalf of the Government of India, Department of Culture, an exhibition of Modern Indian art by 89 artists has been sent abroad and was successfully shown in Iran, Syria and Poland. This exhibition will also be shown in Czechoslovakia, Hungary, Bulgaria, USSR and Iraq.

Another major exhibition "Swiss Photographers from 1840 until today" was organised in November/December, 1978.

The following publications were brought out during this year :—

- (i) A Handbook of Surrealist paintings from the collection of the National Gallery of Modern Art,
- (ii) A folder on the National Gallery of Modern Art in Hindi with black and white reproduction,
- (iii) Half Imperial size multi-colour reproductions of two paintings namely "Companions" by N. S. Bindre and "Mother & Child" by Ganesh Pyne,
- (iv) A catalogue for the exhibition "Swiss Photographers from 1840 until today".

Under the education programme, 4218 students along with 430 teachers and adults of 65 schools and colleges from all over the country visited the National Gallery of Modern Art and were provided conducted guided tours.

Art appreciation programmes were arranged during summer vacations and a series of lectures on History and Art were delivered for the members of the Association of the Wives of the Diplomats, specially those of the officers of the Ministry of External Affairs.

Science Museums

The National Council of Science Museums was registered on April 4, 1978 under the West Bengal Societies Registration Act, 1961 and administers—

- (a) Birla Industrial and Technological Museum, Calcutta.
- (b) Visvesvaraya Industrial and Technological Museum, Bangalore.
- (c) Nehru Science Centre, Bombay.

These three Museums have been transferred from the Council of Scientific and Industrial Research to the Department of Culture. The Union Minister of Education is the President of the National Council of Science Museums Society. The objects of the NCSM include, *inter-alia*, the establishment and administration of new museums of the kind.

An Indo-US Exhibition on 'Technology—The American Experience' was successfully organised at 6 centres in India. Apart from its normal activities, the Visvesvaraya Industrial and Technological Museum at Bangalore had mounted a special exhibition on the late Sir C. V. Raman, in collaboration with the Raman Research Institute, Bangalore. The exhibition marked the occasion of the Golden Jubilee of the discovery of Raman Effect which was awarded Nobel Prize. The Birla Museum at Calcutta has recently completed a four-storeyed 'Technology Centre' in a record time. The Indo-US Exhibition at Calcutta was organised in the new building and was inaugurated by the Chief Minister of West Bengal. The Birla Industrial and Technological Museum is also engaged in the development of Shri Krishna Vigyan Kendra, Patna for which the land and the partly completed building have been gifted by the Government of Bihar. The Kendra is functioning with a skeleton Administrative staff lent from the Birla Industrial and Technological Museum for the present. The Visvesvaraya Industrial and Technological Museum has also completed six-storeyed Exhibition Production Centre with facility for design and production of models, training of science teachers in

fabrication of demonstration aids, hobby centres for the students, etc. The mobile exhibition of the Visvesvaraya Industrial and Technological Museum is being augmented and extended to cover the 4 Southern States. In the Nehru Science Centre, Bombay, piling work for the Science Centre has already been completed, and designs are ready for the structure with a floor area of 98,000 sq. feet. The Centre is also undertaking mobile science exhibitions.

Nehru Memorial Museum and Library

The Museum attracted, as in the past, a large number of visitors from different parts of the country. A significant activity of the Museum was the opening of a new exhibition entitled 'Emergence of Gandhi, Non-Co-operation Movement and after' which proved of great interest to the visitors. This exhibition, which will be on permanent display, unfolds the dramatic events of the years 1915—29, leading to the emergence of Mahatma Gandhi as the foremost nationalist leader and the transformation of the Indian struggle for freedom into a mass movement of epic dimensions.

A very substantial addition was made to the library and archival resources during the period. The number of books added to the pre-existing stock of the library was 2,550, thereby increasing the total holdings to 66,124, of which 4,107 comprised old newspaper volumes. The library has also embarked upon a programme of acquiring books in the various regional languages. The resources of the library were also augmented through the purchase of microfilm of the *Bengalee* newspaper and the acquisition of 40 unpublished dissertations on modern Indian history, raising their total number to 404. The collection of photographs as on 30 November, 1978 had reached the figure of 47,623.

The Reprography unit maintained a high level of activity, microfilming segments of back files of old newspapers including *Amrita Bazar Patrika*, *Hindustan Times*, *People*, the *Twentieth Century*, *Radiance* and the *Servant of India*. A special effort is being made to build up resources in vernacular newspapers, the objective being to have at least one representative newspaper in each regional language. Under this programme the *Aljamat* (Urdu daily), the *Krishna Patrika* (Telugu), the *Mathrubhumi* (Malayalam daily) *Mazdoor Kisan* (Punjabi) were some of the newspapers microfilmed during the period. An equally significant

activity of the unit, was the filming of nearly 100 land settlement reports, and the *Debates and Questions on Indian Affairs* (1890—1937) which comprise selections from the proceedings of the British Parliament. The Preservation unit continued the work of renovation and rehabilitation of manuscripts.

The Manuscript section was enriched through the acquisition of the records of the Servants of India Society and the private papers of prominent public figures such as Gopi Chand Bhargava, H.N. Kunzru, Sunder Singh Majithia, Saifuddin Kitchlew, Ajit Prasad Jain, Syama Prasad Mookerjee, Tej Bahadur Sapru, Birbal Sahni, Giani Gurmukh Singh Musafir, Shankar Rao Deo, Bisnuram Mehdi, and Ram Manohar Lohia, to mention only a few. The papers of Jamaitul-ulema-i-Hind, and Maharshi D. K. Karve were microfilmed.

The Oral history section recorded one hundred and eleven sessions of interviews with thirty persons. Prominent among those interviewed are Shri Jagjivan Ram, Shri Y.B. Chavan, Shri Gulzari Lal Nanda, Shri Hitendra Desai, Shri Brahm Perkash, Shri Tridib Chaudhuri and Shri B.T. Ranadive.

A number of lectures and seminars bearing on Indian nationalism and the history of modern India were arranged. The seminar on 'Recent Writings on Gandhi' was attended by distinguished scholars. The symposium on 'Jawaharlal Nehru and Parliament' was held on 13 November 1978, which was presided over by the President of India. The speakers included Shri Y.B. Chavan, Dr. Sushila Nayar, Shri N.K. Krishnan and Shri Frank Anthony.

A volume of "Essays in Modern Indian History," and another entitled "Gandhi and Nehru", based on the papers presented at the seminars and lectures arranged by Nehru Memorial Museum and Library were edited, and sent to the press for publication.

Dr. Zakir Husain Memorial Museum, New Delhi

The Dr. Zakir Husain Memorial Museum, New Delhi was opened to the public on the 3rd May, 1976. Initially the Museum was set up with the material which was then available. The Museum is functioning under the supervision of the National Museum, New Delhi.

Gandhi Darshan Samiti

The object of the Samiti is to acquire, maintain and preserve the personal papers and other historical materials pertaining to the life and work of Mahatma Gandhi in consultation and collaboration with other institutions and organisations engaged in Gandhian work.

74572 persons visited the Gandhi Darshan Exhibition during the period under report.

The Gandhi Darshan Exhibition remains open to the public daily from 9.30 a.m. to 5.30 p.m. except on Mondays and gazetted holidays.

Following special programmes were organised during the period under report :

To highlight the importance of World Environment Day on 5th June, an exhibition "Gandhiji and Environment" at Rabindra Bhawan, New Delhi was organised. It was inaugurated by the Liaison Officer of the United Nations, Mr. Graham Searle. Dr. B. D. Nag Chaudhary, Vice Chancellor, Jawaharlal Nehru University presided over the inaugural function. This exhibition remained open till 12th June 1978.

Gandhi Darshan put up a "Bapu Mandap" in the Gandhi Mela organised by the Municipal Corporation of Delhi from 29th September to 5th October, 1978. This Mandap was visited by lacs of people and was very much appreciated by them.

Exhibitions in the Darshan complex were held during the year. Besides, a 4-day Bal Mela was organised on the 2nd October, 1978.

Gandhi Darshan put up on 17th November, 1978 a "Gandhi Mandap" in the National Small Industries Fair on an invitation of the Trade Fair Authority of India. This exhibition whose theme was "Sevagram Sadhana" remained open to the public till 19th December, 1978. During this period about 5 lacs people drawn from all walks of life visited this Mandap put up by Gandhi Darshan. Special films were also shown to groups of children.

Taking Gandhi to Schools programme

The 'Taking Gandhi to Schools Programme', which was started in November, 1977, has proved very successful and the school community has shown a keen interest in this programme.

During the period under report, a group of about 100 students and teachers of various schools and a few staff members were taken on a 15-day educational-cum-excursion tour of South India commencing from 27th May 1978. The main aim of organising this tour was to acquaint the students with various places connected with Mahatma Gandhi and also with cultural heritage of India.

Besides the above, various orientation camps were also arranged for students and teachers in the Gandhi Darshan complex itself.

A survey has also been made by the employees of this unit to find out the possibilities of conducting classes under the Adult Education Programme, which has recently been launched all over the country.

Youth Training Centre

Under this scheme three 11-day camps were arranged at Village Baheri in Himachal Pradesh. During the duration of these camps the participants undertook the manual labour work by repairing the roads. Besides cultural programmes and routine works, visits were also arranged for keeping a contact with these villages.

Several 1-day camps were also arranged for the students of schools/colleges of Delhi. The main aim of organising these camps was to acquaint the student community with the teachings of Gandhiji with a view to enabling them to feel the relevance of his teachings in the present times.

Arrangements for providing accommodation have been made in the Maharashtra Mandap of Gandhi Darshan, where the groups of students and teachers from other states are allowed to stay during their visit to the Capital. Some charges are recovered from them towards electricity, sanitation etc.

Art and Exhibition Wing

The Art and Exhibition Unit of the Gandhi Darshan organised 4 main exhibitions during the period under report.

Photo Unit

During the period under report a number of photo enlargements were prepared in the photo-unit for various exhibitions.

A few photographs were also supplied to Government and other departments for display and exhibitions.

General

To popularise the Gandhi Darshan and its activities free film shows were most frequently organised for which press releases were given in the engagement columns of daily newspapers and also over the All India Radio from time to time during the period under report.

A mini-bus has been purchased. This bus is being used for mobile exhibitions and cinema shows around Delhi.

Scheme of reorganisation and development of other Museums

Under this scheme, non-recurring grants are given to the Tribal Art Museums, Textile Museums, Crafts Museums, Antiquity Museums, Tantra Art Museums, Numismatic Museums, Memorial Museums, Paintings and Photographic Museums, Children Museums and School Museums, managed by the voluntary institutions, societies, trusts, colleges, universities, municipalities, corporations, i.e. all museums except those directly managed by the State Governments and the Central Government, for (i) establishment of museums, (ii) equipments, (iii) publication of catalogues, guides to galleries, card indexes, etc. (iv) Museum laboratories and Museum libraries.

All India Museum Camp

Every year a Museum Camp is held in a big museum. Participants from various museums in the country discuss various aspects of museology and museum management and establish personal contacts with museum personnel in their line. 13th All Indian Museum Camp was held in Salar Jung Museum, Hyderabad in June, 1978.

LIBRARIES

National Library, Calcutta

National Library is at present a subordinate office under the Department of Culture and the Director enjoys the financial and administrative powers as are delegated to the Head of the Department. Professor R.K. Das Gupta functioned as the Director during the period.

The Library is the biggest library in the country and has 1.7 million volumes, stored in the main building at Belvedere and in three others—the Annexe, the New Stack and the Esplanade Reading Room. Under the Delivery of Books Act the Library receives books, periodicals, newspapers and documents of all sorts issued for general circulation. The Library is also the foremost repository of documents emanating from the United Nations and its agencies.

The Library has exchange relations with 144 institutions in 50 countries. Professor Elena Savova, Director, Central Library, Bulgarian Academy of Sciences visited India for a period of one month under an Indo-Bulgarian Cultural Exchange Programme. Shri Gobinda Lal Ray, Assistant Librarian visited USSR under Indo-Soviet Cultural Exchange Programme.

The Library has published bibliographies and catalogues of its holdings with a view to disseminating information. The Library celebrated the Platinum Jubilee during April 1978. Also the Mahakavi Vallathol Centenary Exhibition and the Exhibitions arranged during the Platinum Jubilee Celebration deserve special mention.

During the year under review, the Laboratory Division of the Library disinfected 4,55,500 volumes and chemical treatment of 4,55,500 books and 44,260 sheets was also undertaken.

Central Reference Library, Calcutta

The Central Reference Library has been publishing the Indian National Bibliography since the last quarter of 1957. During the year under review the following Roman script issues were compiled and printed :

9 Monthly issues from July, 1977 to March, 1978 have been compiled and edited.

The following language bibliographies are in the State Government Presses under print :

- Marathi Bibliography 1970
- Punjabi Bibliography 1973-74
- Tamil Bibliography 1968—74
- Oriya Bibliography 1964-68
- Hindi Bibliography 1971
- Malayalam Bibliography 1977

The following language fascicules of the Indian National Bibliography have been compiled and made ready for the press :

- Assamese Bibliography 1971-78
- Bengali Bibliography 1978
- Hindi Bibliography 1972-76
- Malayalam Bibliography 1978
- Oriya Bibliography 1969-78
- Punjabi Bibliography 1975-78
- Sanskrit Bibliography 1968-77
- Telugu Bibliography 1971-72
- Kannada Bibliography 1972-74
- Urdu Bibliography 1966-75

Index Indiana

This is a quarterly publication containing the indexes of articles appearing in Indian language periodicals in major Indian languages recognised by the Constitution. An experimental fascicule of Index Indiana covering three languages—Hindi, Marathi and Tamil, has been compiled and cyclostyled. Copies have been sent to various libraries and educational institutions in India and abroad for their comments. First Quarterly issue for the period, January to March, 1977 covering 6 languages—Hindi, Marathi, Tamil, Gujarati, Bengali and Malayalam has been compiled and printed in cyclostyled form. April-June issue is getting ready for the press.

Khuda Baksh Oriental Public Library, Patna

The Khuda Baksh Oriental Public Library, Patna is a major Library with a collection of Arabic and Persian manuscripts. The Library possesses about 65,000 printed books and 12,750 manuscripts. During the year about 46 manuscripts have been acquired. In printed book section 510 printed books have been acquired. Memoirs of Jahangir, Diwan of Mushafi, Diwan-i-Hafiz are being reproduced, most of them in photo-offset. A quarterly journal with an aim to introduce the Library material to the outer world of research, is being published. To house the growing number of manuscripts and printed books, a scheme to extend the library building has been prepared and finalised at the estimated cost of Rs. 13 to 14 lakhs.

Raja Rammohan Roy Library Foundation, Calcutta

The Raja Rammohan Roy Library Foundation was established in 1972 as an autonomous body to strengthen the library movement in the rural areas. The Foundation has so far rendered assistance to more than 8000 libraries at various levels all over the country. The Foundation has also undertaken the schemes of developing mobile library services and rural book deposit centres. The Evaluation Committee appointed by the Foundation last year has given its report. The Committee has recommended substantial expansion of its activities during the Sixth Plan period.

T.M.S.S.M. Library, Thanjavur

The Thanjavur Maharaja Serfoji Saraswati Mahal Library, Thanjavur has a rich collection of manuscripts numbering 40,000 in Sanskrit, Marathi, Telugu, Tamil and other languages. Besides manuscripts, it has a collection of over 23,000 books in the Indian and European languages covering various disciplines.

The question of treating the Library as an institution of national importance has been under consideration. It was suggested to the Government of Tamil Nadu that the management of the Library should be entrusted to a body to be set up under an Act of Parliament on the pattern of the Board of the Khuda Bakhsh Oriental Public Library, Patna. The reply from the present Government of Tamil Nadu for entrusting the management of the said library to a high powered Board is awaited. The Government of India have set up a small committee to assess the financial requirements of the Library and also make recommendations for its future development. The Report of Committee has been accepted by the Government of India. The main recommendation of the Committee deals with purchase of equipment for lamination, micro-filming, reprography and for air conditioning of selected portions for preservation of manuscripts. A recurring annual expenditure of Rs. 3 lakhs (approximately) is to be borne by the Government of India for the maintenance of the Library in addition to the grant of Rs. 57,500 which the Government of Tamil Nadu have agreed to pay to this Library.

Delhi Public Library, Delhi

The Delhi Public Library provides public library service for the people of the Union Territory of Delhi and acts as a model for the public library development in India. It has a main library, 4 branch libraries, 18 sub-branches, 14 deposit stations and 4 book mobiles.

44,022 volumes were added to the book stock of the Library during the period raising the net book-stock to 5,95,383 out of which 3,27,309 are in Hindi, 1,64,401 in English, 68,326 in Urdu, 25,098 in Punjabi, 2,098 in Sindhi, 1,093 in Bengali and 7,058 in Braille.

About 54,770 adults and 4308 children participated in the cultural activities (e.g. lectures, discussions, dramas, film shows, television viewing etc.) organised by the Library. The Library had 2586 Gramophone Records, which were borrowed by members about 48,695 times up to the period under report.

The registered membership of the Library stood at 1,04,387 during the period under report. The total number of books issued during the period was 24,75,922.

Indian Council of World Affairs, Library, New Delhi

The Indian Council of World Affairs Library is the only well-equipped research library in Asia and Africa on international relations and area studies. The Department of Culture is paying as ad-hoc grant of Rs. 1.00 lakh to the library every year for meeting the recurring and non-recurring expenditure. The working of the Library was reviewed by a Committee. On the basis of the report of the Committee which has been accepted by the Government it is proposed to give an increased assistance to this Library.

Central Library, Bombay

This is one of three libraries which are at present authorised to receive books and newspapers published in the country under the Delivery of Books and Newspapers (Public Libraries) Act, 1954 as amended in 1956. The Central Government is assisting this Library to the extent of two-thirds of the non-recurring expenditure and half of the recurring expenditure on the DBA Section of the Library.

The report of the Committee appointed by the Government of India in consultation with the Government of Maharashtra has since been accepted by the Government of India. Increased financial assistance will be given to this Library after the report of the Committee is put into operation by the Government of Maharashtra.

Rampur Raza Library, Rampur

Rampur Raza Library, Rampur has valuable holdings of manuscripts in oriental languages of Persian, Arabic and Urdu as well as a collection of rare Moghul and Iranian paintings and other rare published works. This library, apart from acquiring more manuscripts and printed works every year, provide facilities to researchers working in different fields of oriental and Islamic learning. This Library is also continuing its programme of publication of Arabic, Persian and Urdu manuscripts catalogues. It has also planned to get 5000 manuscripts and books bound in the coming years.

Library of Tibetan Works and Archives, Dharamsala

The Library is functioning as a registered society and is managed by a Board with H. H. the Dalai Lama as Chairman. Its aims and objectives are to acquire and conserve Tibetan books and manuscripts, to provide intensive reference service and to act as a Centre for enquiries on Tibetan source materials. It has a rich collection of Tibetan manuscripts, paintings and objects d' arts. The library is maintained on grants from the Government of India and H.H. the Dalai Lama.

Central Secretariat Library

The Central Secretariat Library and its branch at Ramakrishnapuram, New Delhi, continue to provide reference and lending facilities to the employees of the Ministries, Departments and attached and subordinate offices of the Government of India, Delhi Administration, autonomous organisations and the accredited correspondents.

The membership of the Library stood at 13,849 on December 31, 1978 including 3145 members enrolled during 1978. During the year 1,48,228 books were lent out for home reading and 6,596 books were added to the Library including 2352 Indian Official Documents and 958 Foreign Official Documents. The Library received 29,298 issues of 782 titles of newspapers/periodicals by way of purchase, gift and exchange during the year. The Reprographic Division of the Library xeroxed 943 copies and produced 13200 copies by off-set printing.

The Regional Languages Library, the Central Hindi Library and Sanskrit Library located in Bahawalpur House, New Delhi have been thrown open to the Registered Members of Central

Secretariat Library with effect from January 1, 1978 for borrowing of books for home reading. During the year 6702 books were borrowed from the Regional Languages Library and 2274 from the Central Hindi Library.

The Central Secretariat Library has embarked upon a project of Computerization of its Catalogue. It will enable the Library to keep its catalogue up-to-date through periodic printouts.

II. FINANCIAL ALLOCATIONS (IN LAKHS OF RUPEES) ITEMS DISCUSSED IN VARIOUS CHAPTERS

S. No.	Item	Plan	Budget Estimates 1978-79		Budget Estimates 1979-80
		Non-Plan	Original	Revised	
1	2	3	4	5	6
Department of Education					
<i>School Education</i>					
1.	Science Teaching Programme	Plan	4.00	4.00	..
2.	Junior Division NCC Troops in Public/Residential and Central Schools	Non-Plan	4.00	3.50	3.50
3.	Bal Bhawan	Plan	11.00	11.00	15.35
		Non-Plan	3.30	3.30	2.15
4.	Educational Concessions for children of Officers and Men of Armed Forces killed or disabled during hostilities	Non-Plan	1.00	1.00	1.00
5.	Financial Assistance to Voluntary Organisations working in the Field of School Education	Plan	6.62	6.62	11.35
		Non-Plan	0.11	0.11	0.15
6.	Vocationalisation of Higher Education	Plan	50.00	50.00	125.00
7.	National Council of Educational Research and Training	Plan	254.00	254.00	125.00
		Non-Plan	339.23	339.23	394.09
8.	Educational Technology Programme	Plan	36.00	33.00	85.00
9.	Kendriya Vidyalaya Sangathan	Non-Plan	1760.00	1750.00	1890.00
10.	Central Tibetan Schools Administration	Non-Plan	83.36	83.36	88.25
11.	National Awards to Teachers	Non-Plan	2.00	2.00	2.00
12.	National Foundation for Teachers' Welfare	Non-Plan	1.00	1.00	1.00

Higher Education and Research

1. University Grants Commission	Plan	4902.00	4902.00	2800.00
	Non-Plan	3652.29	3653.03	4916.00
2. Improvement of salary scales of University and college teachers	Non-Plan	1500.00	1500.00	1000.00
3. Indian Institute of Advanced Study, Simla	Non-Plan	32.00	24.39	35.00
	Plan	5.00	2.83	..
4. Institutions of Higher Learning of All India Importance	Plan	2.50	5.00	5.00
	Non-Plan	8.00	8.00	8.00
5. Loan to Panjab University	Plan	20.00	20.00	20.00
6. Shastri Indo-Canadian Institute	Non-Plan	16.00	16.00	16.00
7. Association of Indian Universities	Plan	2.50	2.50	4.00
	Non-Plan	1.20	1.20	1.25
8. Grants to Deemed Universities	Plan	5.00	5.00	..
	Non-Plan	72.37	74.27	14.50
9. Zakir Husain College, Delhi	Plan	10.00	5.00	10.00
	Non-Plan	1.50	1.58	1.65
10. U.S. Educational Foundation in India	Non-Plan	2.25	2.25	2.25
11. Short-term Groups of Educational Professors of US Universities/Colleges	Non-Plan	0.50	0.50	0.50
12. American Studies Research Centre, Hyderabad	Non-Plan	0.24	1.85	..
<i>Indian Council of Social Science Research, New Delhi.</i>				
Grants to the Council	Plan	125.00	125.00	50.00
	Non-Plan	34.48	34.48	110.00

1	2	3	4	5	6
<i>National Staff College for Educational Planners and Administrators, New Delhi.</i>					
1. Grants to the College		Plan	18.00	16.90	10.50
		Non-Plan	3.38	3.38	15.33
2. Installation of Mini-Computer Terminal in the Ministry		Plan	..	..	2.00
	<i>Indian Council of Historical Research, New Delhi</i>	Plan	20.00	20.00	11.00
		Non-Plan	5.86	5.80	9.00
<i>Technical Education</i>					
1. Quality Improvement Programme		Plan	90.00	90.00	85.00
2. Programme of Apprenticeship		Plan	130.00	102.48	23.00
		Non-Plan	45.00	45.00	130.00
3. Direct Central Assistance to Engineering and Technological Institutions		Plan	200.00	200.00	220.00
	<i>Indian Institutes of Technology</i>				
4. Bombay		Plan	176.00	181.25	198.50
		Non-Plan	372.00	373.75	400.47
5. Kanpur		Plan	226.00	269.36	206.60
		Non-Plan	401.03	404.78	436.36
6. Madras		Plan	222.00	207.46	230.00
		Non-Plan	329.04	324.35	358.19
7. Kharagpur		Plan	258.00	257.60	253.75
		Non-Plan	336.91	343.17	377.88
8. Delhi		Plan	166.25	165.64	178.78
		Non-Plan	310.46	283.83	363.31
9. Regional Engineering Colleges		Plan	300.00	300.00	300.00
		Non-Plan	436.00	436.00	450.00

10. National Institute for Training in Industrial Engineering, Bombay	Plan	22.00	22.00	22.00
	Non-Plan	39.17	23.85	40.78
11. National Institute for Foundry and Forge Technology, Ranchi	Plan	15.00	14.60	15.00
	Non-Plan	24.00	27.81	26.98
12. School of Planning and Architecture, New Delhi	Plan	20.00	20.00	20.00
	Non-Plan	38.85	38.85	44.70
13. Technical Teachers' Training Institutes	Plan	91.00	91.00	85.00
	Non-Plan	66.78	53.59	81.19
Indian Institutes of Management				
14. Calcutta	Plan	50.00	47.60	48.00
	Non-Plan	42.39	41.35	51.79
15. Bangalore	Plan	105.00	85.29	122.00
	Non-Plan	23.45	21.27	76.00
16. Ahmedabad	Plan	45.00	52.04	30.00
	Non-Plan	61.64	62.63	82.01
17. Grants to Non-Government Scientific and Technical Institutions for Development and Improvement	Plan	32.00	32.00	..
18. Loans for Construction of Students Hostels in Technical Institutions	Plan	30.00	30.00	..
	Non-Plan	..	..	5.00
19. Asian Institute of Technology, Bangkok	Plan	6.00	2.00	4.00
<i>Scholarships</i>				
1. National Scholarships Scheme	Plan	210.00	180.00	77.00
	Non-Plan	4.41	4.41	..
2. National Loan Scholarships Scheme	Plan	72.75	72.75	..
	Non-Plan	333.00	333.00	403.55
3. National Scholarships for the children of Primary and Secondary School teachers	Plan	7.50	7.50	..
	Non-Plan	0.64	0.64	5.64

1	2	3	4	5	6
4.	National Scholarships at the Secondary stage for Talented children from Rural areas	Plan	102.00	102.00	57.00
5.	Scholarships for Students from Non-Hindi speaking States for Post-Matric Studies in Hindi	Plan	18.00	18.00	..
		Non-Plan	20.00	20.00	33.00
6.	Scholarships in Approved Residential Secondary Schools	Plan	44.75	34.50	..
		Non-Plan	30.00	30.00	72.00
7.	National Scholarships for Studies Abroad	Plan	45.00	27.50	..
		Non-Plan	30.00	30.00	70.00
8.	General Cultural Scholarships Scheme	Non-Plan	41.00	41.00	41.00
9.	Scholarships for Nationals of Bangladesh	Non-Plan	10.00	12.00	12.00
10.	Special English Course for Foreign Students	Non-Plan	0.10	0.10	0.10
11.	Indian scholars going abroad against Scholarships offered by Foreign Governments/Organisations	Non-Plan	4.00	3.00	9.00
12.	TA/DA to Non-official Members of Selection Committees	Non-Plan	1.50	2.50	2.00
13.	Partial Financial Assistance (Loan) Scheme	Non-Plan	0.40	0.40	0.40
14.	Scholarships to Foreign Students for study in India	Non-Plan	15.00	26.00	26.00
		Plan	11.00	..	0.50

Book Promotion and Copyright

1.	National Book Trust.				
(1)	Normal Activities	Non-Plan	9.62	11.11	14.87
(2)	Aadan-Pradan	Plan	4.50	2.91	5.00
		Plan	10.00	5.45	6.00
(3)	Subsidised Publication of University Level Books in English by Indian Authors.	Plan	30.00	19.50	22.00

(4) Nehru Bhawan	Plan	5.00	5.00	4.00
(5) World Book Fair	Plan	0.50	0.05	10.00
(6) Nehru Bal Pustakalaya	Plan	6.08	3.37	5.00
2. Publication of Low priced University level Books of Foreign origin	Plan	2.25	0.25	1.00
3. National Book Development Board	Plan	3.00	1.00	1.00
4. Book Export Promotional Activities	Plan	6.00	4.50	5.00
5. TA to Non-official Members of the Copyright Board	Non-Plan	0.30	0.10	0.30
6. Honorarium to Chairman and non-official members of the Copyright Board	Non-Plan	0.45	0.45	0.45
7. Contribution to the International Union for the Protection of Literary and Artistic Works	Non-Plan	2.50	4.22	4.87
<i>Youth Services</i>				
1. National Service Scheme	Plan	220.00	220.00	29.12
	Non-Plan	19.00	18.14	220.00
				21.25
2. National Service Volunteer Scheme	Plan	15.00	11.50	3.00
	Non-Plan	..	..	15.00
3. Promotion of National Integration	Plan	7.00	3.00	3.00
4. Planning Forums	Plan	4.00	3.30	1.00
5. Nehru Yuvak Kendras	Plan	76.00	129.00	74.45
	Non-Plan	36.00	36.00	108.50
6. Financial institutions working in the field	Plan	13.00	15.00	16.00
7. Scouti	Plan	7.00	7.00	3.00
	Non-Plan	1.35	0.40	4.00

1	2	3	4	5	6
8.	Promotion of Adventure.	Plan	15.00	12.00	9.00
		Non-Plan.	..	..	3.00
9.	Commonwealth Youth Programme	Plan	5.00	7.00	1.00
		Non-Plan	..	..	5.00
<i>Physical Education and Sports</i>					
1.	Netaji Subhas National Institute of Sports, Patiala and National Coaching Scheme	Plan	50.00	45.95	39.00
		Non-Plan	52.00	48.39	87.00
2.	Grants to National Sports Federation	Plan	30.00	27.50	22.00
		Non-Plan	9.00	9.00	10.00
3.	Grants to State Sports Councils	Plan	30.00	30.00	32.00
4.	National Sports Organisation	Plan	18.00	18.00	22.00
5.	Sports Talent Search Scholarships Scheme	Plan	9.00	8.46	..
		Non-Plan	3.50	3.50	12.50
6.	Rural Sports Tournaments	Plan	10.00	10.00	..
		Non-Plan	..	..	10.00
7.	Lakshmbai National College of Physical Education, Gwalior	Plan	10.00	9.00	8.00
		Non-Plan	15.50	15.50	16.68
8.	National Physical Efficiency Drive	Plan	4.00	4.00	..
		Non-Plan	..	..	4.00
9.	Promotion of Yoga	Plan	6.00	6.00	6.00
		Non-Plan	3.00	3.00	3.50
10.	National Sports Complex	Plan	1.00	1.00	..
		Non-Plan	..	..	1.00
11.	Arjuna Awards	Non-Plan	0.20	0.20	0.65

12. Secretariat of the All India Council of Sports	Plan	..	..	0.75
13. Exchange of visits under Cultural Exchange Programme	Plan	..	..	3.00
14. Organisation of IX Asian Games	Non-Plan	..	..	50.00
15. Grants to Womens' Sports	Plan	..	..	2.00
	Non-Plan	..	..	6.00
16. Grants to Physical Education Teacher Training Institutions	Plan	..	..	3.00

Languages

1. Appointment of Hindi Teachers in non-Hindi speaking States	Plan	290.00	290.00	19.50
2. Establishment of Hindi Teachers Training Wings/Colleges in non-Hindi speaking States	Plan	10.00	10.00	2.00
3. Opening of Hindi Medium Sections in the existing colleges	Plan	2.00	2.00	..
4. Assistance to Voluntary Hindi Organisations	Plan	29.00	29.00	17.50
	Non-Plan	..	..	11.00
5. Award of prizes to Hindi writers of non-Hindi speaking States	Plan	0.40	0.30	0.40
6. Kendriya Hindi Sansthan, Agra	Plan	30.00	28.30	25.50
	Non-Plan	21.00	19.30	35.10
7. Central Hindi Directorate	Plan	1.10	1.10	..
	Non-Plan	47.43	48.03	50.83
8. Correspondence Courses in Hindi	Plan	9.00	9.00	..
	Non-Plan	..	..	9.00
9. Propagation of Hindi abroad	Plan	5.00	8.50	7.50
	Non-Plan	3.00	3.00	4.79
10. Publications	Plan	15.60	15.60	12.20
11. Central Hindi Directorate Library	Non-Plan	0.25	0.25	0.30

1	2	3	4	5	6
12.	Scholarships for Study of Hindi at Post-Matric level for students from Non-Hindi speaking States	Plan Non-Plan	18.00 20.00	18.00 20.00	.. 33.00
13.	Library of Nagari Pracharini Sabha	Plan	6.00	6.00	..
14.	Production of Books in Urdu (Tarraqui-e-Urdu)	Plan Non-Plan	16.00 6.60	16.00 6.60	12.30 7.50
15.	Production of Books in Sindhi	Plan	1.00	0.50	1.90
16.	Production of Core Books	Plan	8.00	7.00	2.00
17.	Production of University Level Books	Plan	150.00	150.00	136.00
	financing of Book Production through CSTT	Plan	9.00	8.00	7.80
19.	National Award of Prizes to Authors of Original Standard Works	Plan	3.00	3.00	2.80
20.	Assistance to Voluntary Organisations for Modern Indian Languages	Plan	6.00	4.00	5.70
21.	Central Institute of Indian Languages, Mysore and Regional Centres	Plan Non-Plan	33.00 45.55	33.00 45.55	24.00 53.50
22.	English Language Teacher's Institutes	Plan	..	..	1.80
23.	Appointment of Teachers in Modern Indian Languages	Plan	0.50	..	..
24.	Prizes on books/MSS in Indian Languages other than Hindi, Sanskrit and Mother Tongue	Plan	0.50	..	0.50
25.	Voluntary Sanskrit Organisations	Plan	25.00	30.00	29.80
26.	Production of Sanskrit Dictionary	Plan Non-Plan	3.75 2.50	3.75 2.50	0.50 6.25

27. Production of Sanskrit Literature	Plan	6.00	6.00	6.50
28. Centrally sponsored schemes	Plan	19.33	20.00	19.80
29. Rashtriya Sanskrit Sansthan	Plan	50.00	44.00	50.00
30. Scholarships to Post-Matric Students Shastri and Acharya courses and Research Scholarships	Plan	5.10	5.10	..
	Non-Plan	4.00	4.00	9.10
31. Other Schemes for Propagation of Sanskrit	Plan	0.82	0.82	1.00
32. Adarsh Sanskrit Pathshalas	Plan	5.00	6.00	8.00
	Non-Plan	..	..	2.00
33. Voluntary Arabic and Persian Organisations	Plan	5.00	5.00	5.00
34. Award of Certificates of Honour	Non-Plan	4.00	3.00	4.00

Indian National Commission for Cooperation with UNESCO

1. Expenditure for publication of Hindi and Tamil editions of Unesco Courier	Non-Plan	3.95	4.75	5.75
2. Indian National Commission for Unesco	Non-Plan	0.50	0.40	0.50
3. Grants to Non-Government organisations for Programmes of the Indian National Commission for UNESCO	Non-Plan	0.30	0.30	0.30
4. Hospitality and Entertainment on schemes connected with UNESCO	Non-Plan	0.09	0.09	0.09
5. Contribution to Unesco	Non-Plan	72.00	72.00	72.00
6. Deputation/Delegation	—	5.00	5.00	5.00
7. National Committee for Gandhi Centenary celebration	—	1.00	0.10	1.00

1	2	3	4	5	6
<i>Adult Education</i>					
1.	Scheme of Assistance to Voluntary Agencies working in the Field of Adult Education	Plan	75.00	125.00	410.00
		Non-Plan	..	..	5.25
2.	Directorate of Adult Education	Plan	9.90	9.90	30.00
		Non-Plan	9.29	9.29	19.83
3.	Printing Press	Plan	2.87	2.46	..
		Non-Plan	..	..	2.46
4.	Shramik Vidyapeeth	Plan	20.00	20.00	20.00
		Non-Plan	..	..	15.00
5.	Strengthening of Administrative Structures in States/Union Territories for implementation of the National Adult Education Programme	Plan	50.00	50.00	9.00
6.	Farmers Functional Literacy Projects	Plan	294.13	352.60	1350.00
7.	Non-Formal Education for youth in the age-group 15-25/35	Plan	72.60	59.10	including Rs. 130 lakhs as non-plan.
8.	Production of Literature for Neo-literates.				
	(1) Prize competition of manuscripts for Neo-literates.	Plan	1.50	1.50	1.50
	(2) Grant-in-aid to States/Union Territories for production of literature for Neo-literates.	Plan	9.00	9.00	..
9.	Adult Education through Universities.	Plan	14.00	..	..
	<i>Publication Departments of Education & Culture</i>	Non-Plan	5.00	5.00	6.00

Department of Culture

Cultural Affairs

1. Sahitya Akademi, New Delhi	Plan	8.95	8.56	10.00
	Non-Plan	15.22	15.22	20.00
2. Lalit Kala Akademi, New Delhi	Plan	10.00	9.88	13.00
	Non-Plan	18.26	17.15	22.41
3. Sangeet Natak Akademi, New Delhi	Plan	8.00	8.10	13.74
	Non-Plan	24.79	24.89	31.29
4. National School of Drama	Plan	4.29	5.13	6.00
	Non-Plan	13.39	13.39	18.75
5. School of Buddhist Philosophy, Leh	Plan	2.00	..	13.00
	Non-Plan	5.50	4.97	6.00
6. Institute of Higher Tibetan Studies, Varanasi	Plan	1.50	7.08	20.00
	Non-Plan	9.00	9.00	14.50
7. Sikkim Research Institute of Tibetology, Gangtok	Non-Plan	1.00	1.00	1.00
8. Financial Assistance to Professional Dance, Drama and Theatre Ensembles	Plan	12.00	11.00	25.00
	Non-Plan	4.80	4.80	4.80
9. Building Grants to Voluntary Cultural Organisations	Plan	9.00	9.00	10.00
10. Inter-State Exchange of Cultural Troupes	Plan	5.00	5.00	5.00
11. Scheme of Award of Fellowships	Plan	2.40	1.90	2.65
	Non-Plan	..	..	3.16
12. Propagation of Culture among College and School Students	Plan	20.00	20.00	20.00

1	2	3	4	5	6
13. Scholarships to Young Workers in Different Cultural Fields	Plan		2.48	2.48	2.50
	Non-Plan		2.20	2.20	3.68
14. Cultural Talent Search Scholarships Scheme	Plan		5.18	5.00	2.00
	Non-Plan		..	..	4.00
15. Centenaries and Anniversaries	Plan		9.80	9.80	5.00
16. <i>Gazetteers</i>					
(1) Revision of Indian Gazetteers	Plan		1.00	0.75	0.75
(2) Revision of District Gazetteers	Plan		14.06	13.96	..
(3) Revision of State Gazetteers	Plan		0.44	0.44	1.32
(4) Supplements to District Gazetteers	Plan		0.50	0.50	1.00
17. Cultural Agreements and Cultural Exchange Programmes— Foreign Cultural Delegations	Plan		43.25	43.25	..
	Non-Plan		9.16	9.16	7.00
18. Presentation of Books in Foreign Countries	Non-Plan		2.00	2.00	2.00
19. Essay Competitions Abroad	Non-Plan		0.50	0.50	0.50
20. Indo-Foreign Friendship Societies working Abroad	Non-Plan		2.60	2.60	3.50
21. Institutions and Organisations in Literary and Cultural Activities	Plan		2.00	1.50	0.50
	Non-Plan		5.35	5.23	5.91
22. Delegations under Indo-Foreign Joint Committee	Plan		30.50	30.50	..
	Non-Plan		10.00	10.00	5.00
23. Scheme of Financial Assistance to Persons distinguished in letters, arts etc.	Plan		3.95	3.38	..
	Non-Plan		0.35	0.38	4.00
24. Reconstruction of the Project on Asian Encyclopaedia	Plan		..	..	1.00
25. Studies of Performing Arts in South-East Asia	Plan		..	..	1.00

26. Development of Expertise in South-East Asian Languages	Plan	..	..	1.00
27. Ramayana Festival	Plan	..	..	4.00
<i>Archaeological Survey of India</i>	Plan	170.00	120.00	89.00
	Non-Plan	549.95	551.43	606.48
<i>Anthropological Survey of India</i>				
1. Anthropological Survey of India	Plan	14.00	15.00	11.00
	Non-Plan	70.00	70.00	82.00
2. National Museum of Man, Bhopal	Plan	10.00	10.00	24.00
<i>Archives</i>				
National Archives of India	Plan	24.95	24.95	27.50
	Non-Plan	38.81	38.81	41.00
<i>Museums and Libraries and their Conservation and Development</i>				
1. National Museum, New Delhi	Plan	20.00	16.00	60.00
	Non-Plan	32.49	38.49	46.00
2. National Gallery of Modern Art, New Delhi	Plan	7.00	7.00	7.50
	Non-Plan	7.81	7.58	7.90
3. Indian Museum, Calcutta	Plan	6.37	6.37	8.04
	Non-Plan	21.14	21.14	24.90
4. Salarjang Museum, Hyderabad	Plan	8.70	8.70	9.00
	Non-Plan	10.60	10.60	13.50
5. Victoria Memorial Hall, Calcutta	Plan	4.00	4.00	12.00
	Non-Plan	8.00	8.00	9.85
6. Nehru Memorial Museum and Library, New Delhi	Plan	4.70	3.78	6.00
	Non-Plan	26.50	22.49	28.85
7. Gandhi Darshan, New Delhi	Plan	3.00	3.27	3.00
	Non-Plan	13.00	13.82	14.40

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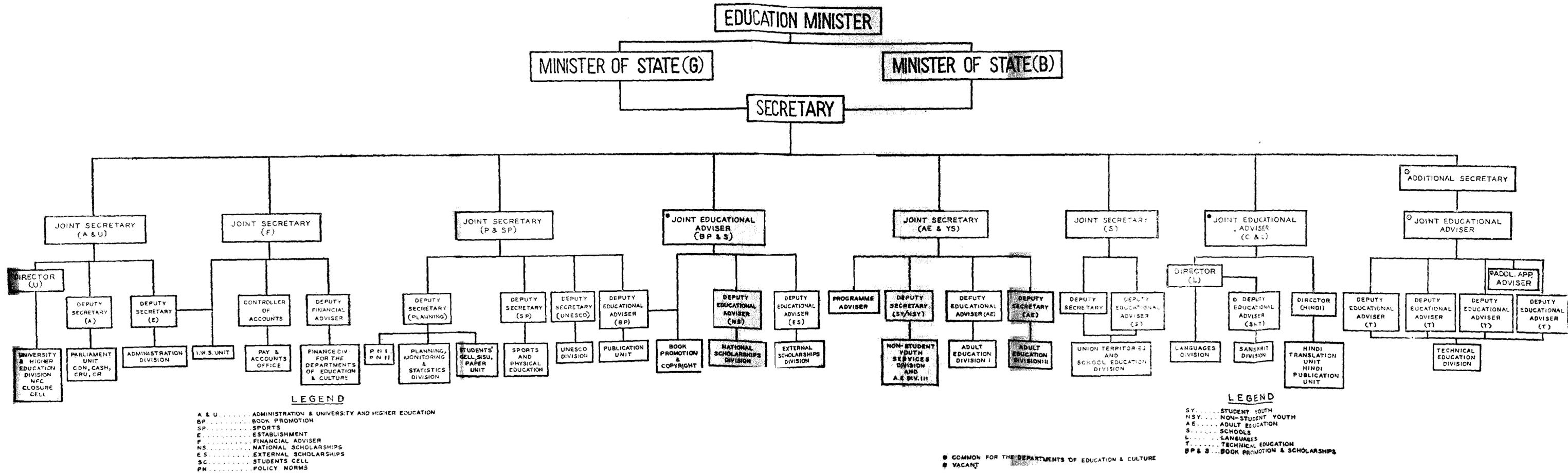
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8.	Dr. Zakir Hussain Memorial Museum New Del	Non-Plan	0.72	0.72	0.72
9(a)	Scheme of Reorganisation and Development of other Museums	Plan	7.50	7.50	10.00
(b)	All India Museum Camp	Plan	0.50	0.35	
10.	National Library, Calcutta	Plan	27.50	20.00	20.00
		Non-Plan	57.75	59.25	63.35
11.	Central Reference Library, Calcutta	Plan	5.00	4.00	3.00
		Non-Plan	7.05	6.94	8.00
12.	Khuda Baksh Oriental Public Library, Patna	Plan	4.00	4.50	3.00
		Non-Plan	3.62	3.44	3.75
13.	Rampur Raza Library, Rampur	Plan	3.50	2.50	2.00
14.	TMSSM Library, Tanjavur	Plan	4.00	2.50	2.00
15.	Central Library, Bombay	Plan	4.00	2.00	2.00
		Non-Plan	1.60	1.55	2.11
16.	Delhi Public Library, Delhi	Plan	25.00	22.00	10.00
		Non-Plan	27.00	26.00	28.00
17.	Library of Tibetan Works and Archives, Dharmasala	Plan	3.50	1.94	2.50
18.	Central Secretariat Library, New Delhi.	Plan	15.00	14.00	10.00
		Non-Plan	1.15	1.11	1.25
19.	Indian Council of World Affairs Library, New Delhi	Plan	1.00	1.00	1.00
20.	National Research Laboratory for Conservation of Cultural Property	Plan	13.51	14.49	25.00
21.	National Council of Science Museums	Plan	..	7.40	92.00
		Non-Plan	..	3.26	56.54
22.	Raja Rammohan Roy Library Foundation, Calcutta.	Plan	30.00	30.00	20.00
		Non-Plan	3.00

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ADMINISTRATIVE CHART

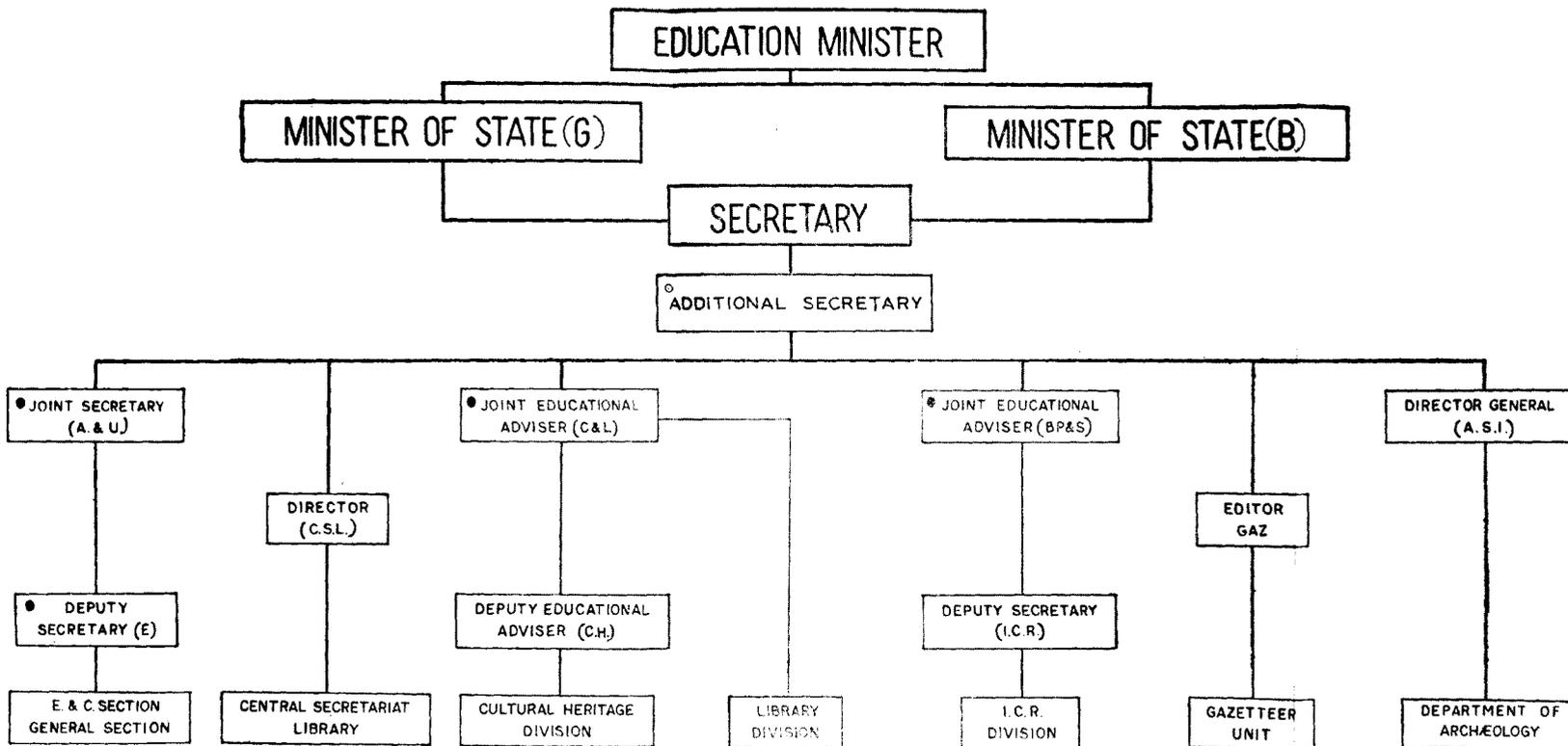
DEPARTMENT OF EDUCATION



AS ON 17-1-1978

ADMINISTRATIVE CHART

DEPARTMENT OF CULTURE



LEGEND

A & U.....ADMINISTRATION & UNIVERSITIES
 E.....ESTABLISHMENT
 E & C.....ESTABLISHMENT & CASH
 C & L.....CULTURE & LANGUAGES

LEGEND

●.....COMMON FOR THE DEPARTMENTS OF EDUCATION & CULTURE
 BP & S.....BOOK PROMOTION & SCHOLARSHIPS
 C.H.....CULTURAL HERITAGE
 I.C.R.....INTERNATIONAL CULTURAL RELATIONS
 GAZ.....GAZETTEER
 ○.....VACANT

AS ON 17.1.1979