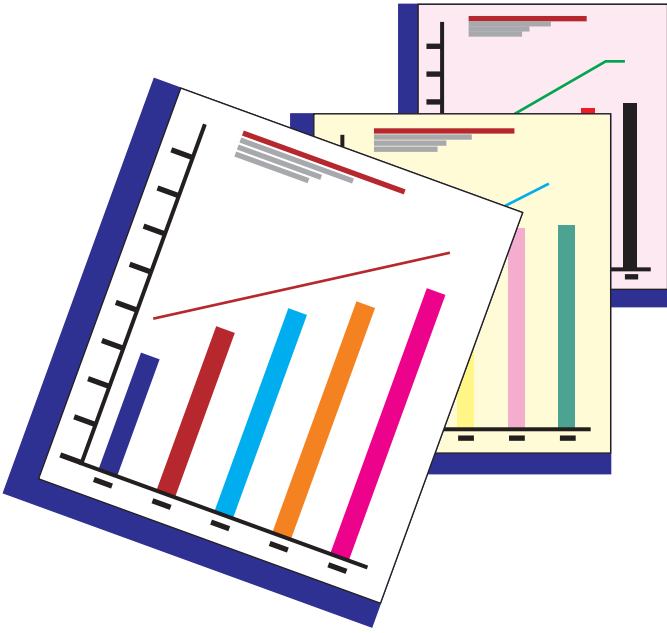


वार्षिक रिपोर्ट ANNUAL REPORT 2009-10



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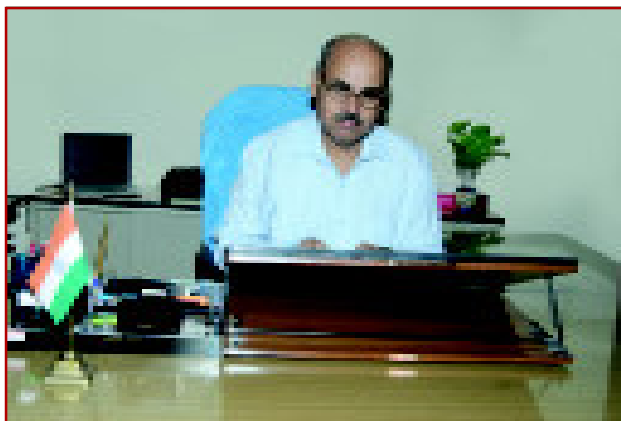
राष्ट्रीय मुक्त विद्यालयी शिक्षा संस्थान
NATIONAL INSTITUTE OF OPEN SCHOOLING

Annual Report 2009-10



National Institute of Open Schooling
(An autonomous organisation under MHRD, Govt. of India)
A-24-25, Institutional Area, Sector-62, NOIDA-201309, UP

From the Chairman's Desk



We, at NIOS, are pleased to present to you the records for NIOS activities for the year 2009-10. I hope this document will give you an overview of NIOS and its multifarious activities at the national and regional level. In short, provide you a window into the largest open school of the world. The preparation of this document is an implicit exercise in taking stock of the performance throughout the year (April 2009 to March 2010) and an opportunity to introspect on how we can improve further in future.

Unlike any other institute, NIOS works towards the fulfilment of dreams and aspirations of millions out of school population – deprived of education in the first chance. It is the mission of the organisation to provide access to schooling to all and support and scaffold the Government of India in its initiatives in the direction of universalising education.

The year under review (April 2009 to March 2010) was full of activities. We have been able to ensure increase in student enrolment, accredit a number of study centres bringing up the total to more than four thousand. To serve our learners better three new Regional Centres at Bengaluru, Gandhinagar and Imphal have been notified and two sub-centres of NIOS, namely Dehradun and Bhubaneswar have also been upgraded as Regional Centres.

Most of the Open and Distance Learning Institutions utilise Information and Communication Technology (ICT) to enhance their efficiency and effectiveness. NIOS also makes optimal use of ICT to reach out to its learners. We are very pleased to mention that we have been able to operationalise online admissions throughout the country and make the facility available to our prospective learners round the year -24x7. What started as a small project a few years back is now a well established practice.

Another area where ICT interventions are utilised to optimise learner benefits is in examinations. In keeping with the principles of openness and flexibility, NIOS provides opportunities for On Demand Examination System (ODES) to reduce the stress of taking examinations on predetermined days of a calendar year. In the period under review, we have been able to introduce a number of new subjects at the Senior Secondary Level (revised course). ODES have also been initiated in most of our Regional Centres.

Another important step to fortify the institution has been to set up a Research and Development Cell- on an experimental basis, with the explicit purpose of conducting research activities in open schooling. A feasibility study is being conducted with the support of an expert from the field.

NIOS, as a national organisation, is one of the significant partnering agencies in implementing the Rashtriya Madhyamik Siksha Abhiyan for universalisation of Secondary Education, a flagship programme of Government of India. We all know a multi-faceted programme of such scale, can never be successful at the state level without the co-operation of the State Open Schools. Hence, the NCOS unit of NIOS is not only advocating the strengthening of networking between the NIOS Headquarters/Regional centres and State Open Schools, but is also working in a focussed manner towards activating a Centrally Sponsored Scheme for financial assistance to State Open Schools. The proposal is under consideration in the Ministry.

Another significant attainment in this period has been the establishment of the Commonwealth Open Schooling Association (COMOSA) Secretariat in NIOS. The proposal to publish an international journal for commonwealth countries is definitely an honour and NIOS is proud to take up this responsibility. There is no doubt that open schooling activities fuse across national and international borders and boundaries and we hope to collaborate in this noble endeavour worldwide.

The achievements and advancements, however small, give us the strength to look forward and rededicate ourselves to the cause of “reaching the unreached.”

We would appreciate your comments and suggestions to make this publication more appealing and effective.

(Dr. S.S. Jena)
Chairman, NIOS

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1. Executive Summary

The National Institute of Open Schooling (NIOS) was established by the Ministry of Human Resource Development, Government of India in November, 1989 as an autonomous organization. Broadly, NIOS has two fold objectives. The first is to provide opportunities of continuing and developmental school education, and the second is to exercise normative and coordinating function while promoting standards in open schooling. The programmes of NIOS are open for all with a special focus on marginalized groups, namely rural youth, girls and women, scheduled castes, scheduled tribes, differently abled and ex-servicemen. NIOS is also an examining and certifying institution, and its certificates are recognized by major Boards and institutions for further education as well as for jobs.

The NIOS headquarters is in NOIDA, U.P. The authority specified for its management are, General Body, Executive Body, and Finance Committee. The Chairman is the Chief Executive Officer of NIOS. NIOS functions through five departments, namely: Academic, Vocational Education, Student Support Services, Evaluation, and Administration. In the period under review, the NIOS functioned through 11 Regional Centres at Allahabad, Bhopal, Chandigarh, Delhi, Guwahati, Hyderabad, Jaipur, Kochi, Kolkata, Patna, and Pune and 3 sub-centres at Dehradun, Bhubaneswar and Darbhanga. However, to provide better access to the learners and to reachout to the prospective client groups, NIOS in its 55th EB meeting approved the setting of three new Regional Centres at Bengaluru, Gandhi Nagar and Imphal, and a new regional sub-centre at Visakapatnam. The sub-centres of Dehradun and Bhubaneswar were upgraded as Regional Centres. Thus at the end of the year, NIOS had sixteen regional centres, and two regional sub-centres. NIOS proposes to set up new regional centres in the states of Jammu and Kashmir, Himachal Pradesh, Haryana, Chhattisgarh, Tamil Nadu and Jharkhand thereby achieving the XIth Five Year Plan mandate of having at least one Regional Centre in different States and Union Territories of India.

Academic Programmes

Under the Academic Department, NIOS offers a

continuum for school education, from Basic Education to Senior Secondary Education.

The Open Basic Education (OBE) is offered for two categories of learners for children in the age group 6-14, and for adults of 15 years and above. These courses are offered at three levels: A, B and C which are equivalent to standard III, V and VIII of formal schooling. During the year under review, 13 workshops were organised for review of study material in the subjects of Hindi, English, Environmental Science and Maths. Two meetings were held related to the work of accreditation of partner agencies. As on March 31, 2010, NIOS has 683 Accredited Agencies (AAs) that offer Open Basic Education programmes located in almost all the states and Union Territories which has increased by 19 AAs from last year. The AAs may have several study centres in the area of their operation. As on March 31, 2010, the registration of students at various levels in OBE programmes was 34,313 and the NIOS had certified 35,922 learners under OBE together with the students registered earlier. Altogether, from the inception of the OBE programme, the NIOS has certified 3,46,190 learners.

For the secondary and senior secondary courses, the NIOS carried out the tasks of course development, course revision, revision of Laboratory Manual, development of Question Banks, development of Tutor Marked Assignments, and standardization of Marking Schemes. There were 90 workshops in these areas in which 431 resource persons were involved. Three new courses, namely Painting at secondary level, Sanskrit and Mass Communication at senior secondary level were introduced during this period. At the Senior Secondary level, the learning material in the subject of History was revised while work was underway to develop learning materials for a new course on Environmental Science which would be introduced in the 2011-12 Academic Session.

Another important achievement of the year in the academic field was the development of Question banks for On Demand Examination System in different subjects offered at Senior Secondary level. Hitherto

the choice of subjects for On Demand Examination at Senior Secondary level was limited, but in the period under review Question banks were developed in the subjects of Mathematics, Physics, Chemistry, Biology, Geography, Psychology, Hindi, Economics, Urdu and English.

During this year this facility has been introduced in other 6 Regional Centres at Hyderabad, Kochi, Patna, Bhopal, Jaipur and Kolkata. The On Demand Examination not only enable the learners to take examination as and when they are prepared but also allow them to plan their studies in a more independent manner. Hence learner autonomy coupled with self directed learning is reflected in this innovative and flexible system of examination which are held on notified days round the year.

Vocational Education Programmes

Approximately, 80 courses are offered by the Vocational Education Department by the end of Academic year 2010. The entry level to these courses ranges from neo-literates to Senior Secondary pass outs. The duration of courses ranges from six month certificate courses to 2 year diploma courses. Some courses are offered on stand alone basis, and a few may be offered as a package course. Four courses, viz., Beauty Culture, X-ray Technician Course, Diploma in Basic Rural Technology, Cutting Tailoring and Dress Designing were under revision during this year, and **seven new courses were under development**, namely Diploma in Operation Theatre Technician, Data Entry Operations, Diploma in Insurance Services, Diploma in Accounts, Banking & Taxation, Certificate in Ayurvedic Therapies and Diploma in Apparel Designing. Some of the courses were translated in Urdu and selected regional languages. NIOS imparts Vocational Education (VE) through the network of Accredited Vocational Institutions (AVIs). Enlarging the network of AVIs, 33 more AVIs were established during the year which took the figure of AVIs to 1,139 spread throughout the country. During the year the admission to various VE courses fell a little and stood at 19,073 as compared to 22,343 in the preceding year. The high popularity that vocational courses enjoy in Delhi region was evident from the number of learners registered (36,971) followed by Chandigarh (298). Vocational education through open schooling is the preferred option for female candidates as 55% of NIOS learners opting for VE courses are women.

The 14-25 age group just entering the work force constituted 77% of the total vocational education enrolment. The candidates in the age group 14-20 years were at 51% followed by 27% in the age group 21-25 years.

The department initiated two major collaborative projects one with Government of Rajasthan through Kasturba Gandhi Balika Vidyalaya (KGBV) project, and the other with Functional Vocational Training and Research Society (FVTRS), Bangalore for further promotion of VE courses. It has also offered a new course “IT Essentials: PC Hardware and Software” in collaboration with CISCO-under Public Private Partnership (PPP) Model.

Skill-building has to target at the minimally educated workforce entering the non-agricultural sector for the first time and/or seeking seasonal employment. The workforce has to be taught generic skills such as skills of basic operations on the factory shop-floor, basic machine operations, and compliance with safety and quality requirements. Skill-building also has to cover behavioral aspects, such as those pertaining to work culture — punctuality and regularity, reporting, and ability to work in an ‘organized set-up’ with a given team.

There is a continuously increasing number of youth to be trained in marketable skills, so that they can be more employable (wage or self) and can be self reliant. The number of dropouts as well as out of school youth who need to be trained is much larger than what the formal system can cater to in the country. Therefore, Open and Distance Learning (ODL) is an extremely significant alternative, to train the youth in the different vocations and needs to be promoted.

Education of Special Groups

The NIOS has set up a Minority cell with the objective of focused education of minority community. It has relaxed accreditation norms for Madarsas, Maktabas, and Dar-ur-uloom institutions. Project Hunar with a focused approach to provide vocational education to Muslim girls and women ensured the establishment of 435 minority study centres as on March 31, 2010. So far 15,946 students have been registered under this scheme, out of which 8,818 students have been certified. In the second phase of Hunar Project 50,000 girls have been registered. The learning material under this scheme is provided in Urdu Medium. Audio and Video support is also provided through CDs, and telecasts and broadcast.

International Collaboration

As an apex institution in the field of Open Schooling, NIOS works in collaboration with international organisations like Commonwealth of Learning (COL), Vancouver, Canada, the United Nations Population Fund (UNFPA), India and others.

In the year under review, Sir John Daniel, President and CEO of COL visited NIOS and shared his views with the faculty of NIOS. An International Workshop on 'Monitoring and Evaluation of Open Schools' was organised in collaboration with Commonwealth of Learning. The delegates to this workshop were from South Asian Countries and State Open Schools of India. The Commonwealth of Learning also organised the inaugural meeting of the Commonwealth Open Schooling Association (COMOSA) wherein the constitution of COMOSA was adopted by the member countries. Dr. S.S. Jena, Chairman, NIOS, was elected the first Chairperson of COMOSA. Another important programme organised in collaboration with Commonwealth of Learning was the workshop to develop Open Education Resources (OER) for Vocational Programmes. 24 Participants from Commonwealth countries participated in this workshop.

The NIOS is currently engaged in implementing the Adolescence Education Programme (AEP) supported by UNFPA, and MHRD. The objective of the project is to empower youth with necessary life skills to live a healthy and happy life.

Media Support

Taking cognisance of the special requirements of open and distance education, media is considered an integral part in NIOS learning for transaction of curriculum. Primarily the Media Unit produces audio and video programmes to supplement and complement the printed self-learning material.

During the year the Media Unit produced 13 new video programmes and 3 live TV programmes. Seven Video programmes were under production. Media unit also produced the audio CDs on the subject of Effective Conduct of Personal Contact Programmes at the study centres. It has duplicated 10,400 DVDs and 12,800 CDs. The unit had made 60 capsules of Video programmes for telecast on 'Gyan Darshan' and DD-I channel.

The Media unit is in the process of setting up audio and video studio facility for in-house production.

New Initiatives

NIOS always strived for innovations in order to provide better and value-added services to the learners. Some of the initiatives are listed below apart from the ones already mentioned in their respective sections:

1. NIOS has set up a Research and Development Cell to study and improve upon its sub-systems.
2. NIOS has planned Monitoring and Evaluation of Open Schools in collaboration with Commonwealth of Learning.
3. The recently constituted Commonwealth Open Schooling Association, with its headquarters at NIOS has been set up during the year under review. NIOS will publish the bi-annual "COMOSA Journal of Open Schooling".
4. NIOS now has 100% online 24x7 admission facility.
5. NIOS is developing Open Education Resources (OER) initially for Vocational Education Courses to be followed by academic programmes.
6. The NIOS would be setting up a Community Radio Station to deliver the course content to cater to the educational and social needs of the community.

Research and Development

The Research and Development Cell of NIOS conducts and outsource research work in the area of Open Schooling. A number of priority areas for conducting research activities were identified during this period which will be followed up in the coming years.

The cell prepared a document titled 'Reaching the Unreached: NIOS 1989-90 to 2007-08' recording the growth of NIOS. The cell also published the bi-annual magazine for NIOS learners 'Open Learning', and in-house newsletter 'Open schooling'.

National Consortium of Open Schooling

At present fourteen State Open Schools (SOSs) are functioning in the country. Negotiations for the establishment of State Open Schools in the states of Gujarat, Goa, Bihar, Jharkhand, Himachal Pradesh

and Orissa are at an advanced stage. The total registration in State Open Schools (SOSs) is about 7 lakhs.

The annual meeting of NCOS was inaugurated by the Hon'ble Minister of HRD, Sh. Kapil Sibal on February 15, 2010 which was presided over by the Hon'ble Minister of State, MHRD, Smt. D. Purandeswari.

Information and Communication Technology

The NIOS exploits the Information and Communication Technology (ICT) optimally both to help learners learn their courses and also for maintaining database for various sub-systems such as admission and evaluation.

During the year the admission data of over 4,19,702 students was processed, and the data processing for evaluation purposes was undertaken for 6,77,000 students.

NIOS now provides 100% facility of on-line 24x7 admissions. The NIOS website, updated on regular basis provides useful information and interface to public, study centres and students. The website went through an over haul during this year.

The unit now provides facility for e-accreditation for setting up study centres. The Learner Support Centre provides solution to various queries from students and public. The unit has now extended the facility of On-Demand Examination system to all the Regional Centres. The unit also makes arrangement for mobile phone support for different information, such as examination results.

Library Documentation and Archival Services

The NIOS Library provides a rich collection of books and journals to the faculty and visitors. During the year, the Library scanned about 4,350 newspapers, journals etc., and collected 710 news items related to Open Schooling. The Archive Section this year received about 200 documents. A total of 671 books, 12 CDs, and 48 documents were added to the collection of the library. The Library subscribes 76 journals, 23 magazines, 19 newspapers and 2 weekly publications on a regular basis. The total collection now stands at 17,330 books, 14,710 journals, and 72 CDs.

The library provides various services to the members for information on new arrivals and on topics covered in the journals.

The NIOS has now initiated the process of setting up libraries at the Regional Centres for staff and visitors in the first phase which may also be open for learners later.

Students Support Services

The Students Support Services (SSS) Department of NIOS is responsible for providing support to learners in their learning and related issues. It also does the work of accrediting study centres for academic programmes. As a major systematic development, the department will henceforth look after setting up of all types of centres which were earlier scattered in various departments.

During the year altogether 4,19,702 students took admission in Secondary and Sr. Secondary Courses registering 11.29% increase over the last years admissions. The highest admission was from Delhi (28.31%) followed by Chandigarh (16.6%). Out of the total strength, 51% took admission in Secondary courses and 49% in the Sr. Secondary courses. In the regional mediums (Telugu, Urdu, Marathi, Gujarati, Malayalam, and Oriya) the total admissions were 12,499. Of the total enrolment 71.94% students were from General category, 12.15% from SC, 6.8% from ST, 0.11% from Ex Servicemen 0.48% from handicapped and 8.52% from OBC category. This trend was almost the same as in the previous year. Male students were 70.09% and female students were 29.89% which is also comparable to the last year's trend. The maximum students were in the age group 14-20 years (71.84%) followed by 21-25 years (16.98%) and 26-30 years (5.75%). There was a reduction in first and last group and increase in the second group in comparison to previous year.

The Department accredited several new study centres during the year and the total strength of the AIs as on March 31, 2010 stands at 2,307 including 41 special Accredited Institutions for Education of Disadvantaged spread all over the country. The number of AIs was 2,144 in the previous year. The highest number of AIs were in UP (323), closely followed by Bihar (321), and then Delhi (200). NIOS has 18 study centres in UAE and Nepal.

The Department organised 2 meetings for the Regional Directors, and organised 8 orientation programmes for the Coordinators of AIs.

Regional Services

The Regional Centres (RCs) are a very vital interface between NIOS and students, study centres, state

governments and general public. The existing 11 Regional Centres and 3 sub-Regional Centres carried out their regular activities of admissions, and examinations during this period. In the period under review, the two sub-centres of Dehradun and Bhubaneswar were upgraded as Regional Centres and three new centres were notified for Bengaluru, Gandhinagar and Imphal. A new Regional sub-centre was established at Visakapatnam.

Some of the unique activities covered by the RCs are given below.

The Allahabad RC set up a Minority Cell at the Regional Centre and conducted the 'Capacity Building Workshop for Tutors' in collaboration with Adolescence Education Programme. Delhi Regional Centre set up a Model Examination Centre with an objective to curb mal-practices. It has also organised a meeting for the development of a Vocational course for Diploma in Insurance Services. Dehradun sub-Centre setup a study centre for Jail inmates, and has also set up a Model Examination centre. The Jaipur Regional Centre accredited 138 centres for Vocational course in Cutting and Tailoring and Dress Making. Kochi Regional Centre organized workshop for Tamil language course. It had also conducted meetings for the development of Vocational Courses in Aquaculture and Ornamental Fish Culture. The Patna Regional Centre initiated Phase – II of Hunar project and conducted the 'Capacity Building Workshop for Tutors' in collaboration with Adolescence Education Programme. Pune regional centre signed MoUs with Maharashtra State Board of Secondary and Higher Secondary Education for setting up of State Open School, and for Transfer of Credit facility for the learners. It also undertook the translation work for Painting course in Marathi.

Measurement and Evaluation

The NIOS has a unique system of measurement and evaluation where two Public Examinations are held in a year. In addition there is a facility of On Demand Examination through which a student can take examination on any day of his/her choice. The students are given the freedom to take examination in any number of subjects as per their preparedness. They are also given the facility of credit accumulation. The Transfer of Credit facility is also available from recognised boards.

The NIOS adopts various means to ensure quality and standard in the whole of examination system from setting of question papers to conduct of examination and evaluation procedure.

A total of 6,32,273 students appeared in the Academic Course Examinations during the year of

which 2,35,632 were certified. This registered an increase of 10.8% and 12.08% respectively as compared to previous year. In the Vocational Education Examination a total of 22,616 students appeared in the examination out of which 11,438 were certified and registered a slight decrease over the last year where 23,147 students appeared and 11,542 students were certified.

Administration and Accounts

The Administration is a very important Department of NIOS providing support to all other Departments. The process of filling of 75 vacant positions was started during the period. The Building, Maintenance and Purchase section obtained the completion certificate for the NIOS headquarters building. Permanent electricity connection has also been obtained. It has made arrangement for Model Examination Centre at the Delhi Regional Centre. A total of 4,870 MTs paper worth Rs. 17 crore was purchased during this period.

Income from fees during 2009-10 was received to the tune of Rs. 7220.51 lakhs as against Rs. 6833.22 lakhs during 2008-09. After including Rs. 319 lakhs which pertain to 2009-10 but received in 2010-11, an increase of 10.33% over the previous year fee income have achieved during the year. Income from other sources has fallen to Rs. 1715.40 lakhs against the previous year figure of Rs. 1788.20 lakhs. The budgetary support to NIOS from MHRD during 2009-10 was Rs. 1500 lakhs under Plan budget.

The Non-Plan expenditure during the year 2009-10 was Rs. 6952.99 lakhs as compared to Rs. 6178.42 lakhs during previous year. The Plan expenditure during the year 2009-10 was Rs. 1160.92 lakhs as compared to Rs. 1502.15 lakhs during previous year.

The Material Distribution Unit distributed material direct to about 2.5 lakh students, thus ensuring timely delivery of material. Material was also sent to 1,399 AIs for onward distribution to learners who took admission through the AIs.

Promotion of Hindi

NIOS takes pride in working in official language wherever feasible. During the year learning material, all press releases, Annual Reports, Prospectus, different official forms, and miscellaneous material was translated in Hindi. Hindi fortnight was organised to popularize use of Hindi among staff both at headquarters and Regional Centres. Computer training was organized to help staff work in Hindi.

2. Introduction

2.1 Backdrop

The National Institute of Open Schooling (NIOS), formerly known as the National Open School (NOS), was established by the Department of Education, Ministry of Human Resource Development, Government of India, in November 1989 as an autonomous organization (in pursuance of the National Policy on Education, 1986) and registered under the Societies Registration Act of 1860. Prior to this it was functioning as a project of Central Board of Secondary Education (CBSE) since 1979.

NIOS occupies an important place in the national system of education and it has its own distinct character. The main objectives of the NIOS are:

- To provide opportunities for continuing and developmental education at the school stage;
- To provide consultancy services to the Government of India and States;
- To serve as an agency for effective dissemination of information related to distance education and open learning;
- To identify and promote standards of learning in distance education system and state open schools; and
- To exercise normative and coordinating functions while promoting standards in distance and open learning system in the country.

In order to fulfil its mission of

- (i) Universalizing education
- (ii) Enhancing social equity and justice
- (iii) Creating a learning society

NIOS has been endeavouring for education of the marginalized groups, namely, rural youth, girls and women, scheduled castes, scheduled tribes, handicapped and ex-servicemen, among others.

2.2 Programmes and Activities

NIOS was vested, in October 1990, with the authority to examine and certify students registered with it up

to pre-degree level courses. The NIOS conducted its first Secondary and Senior Secondary Examinations in January 1991. Certificates issued by NIOS are recognized by the Association of Indian Universities, the University Grants Commission (UGC), several Universities and Institutes of Higher Learning, several Boards of Education, the Ministry of Human Resource Development (MHRD) and the Ministry of Labour and Employment.

NIOS offers academic, vocational and life-enrichment courses. The academic courses offered include Open Basic Education (OBE), Secondary and Senior Secondary Courses. As regards, academic courses, students are given freedom to select subjects in their courses of study, according to their needs, interests and abilities. Students are also encouraged to choose vocational subjects, which is something unique recognizing the value of work and skills at par with knowledge.

NIOS also offers Vocational Education courses ranging from 6 months to 2 years duration. There are about 80 courses on offer in the areas of Engineering and Technology, Agriculture, Home Science, Health and Para Medical, Teacher Training, Business and Commerce and Computer and IT.

NIOS does not create additional infrastructure to provide education, instead, it utilizes the already existing infrastructure of public and Government schools when it is not in use. The NIOS network of study centres consists of Accredited Institutions (AIs) for academic courses and Accredited Vocational Institutions (AVIs) for vocational education courses. Several Special Accredited Institutions for the Education of the Disadvantaged (SAIED) have been recognized as study centres of NIOS to meet the educational needs of the differently abled and other disadvantaged young people. The accredited institutions of NIOS are located all over the country. At the close of the twentieth century, NIOS took a major initiative of launching the Open Basic Education (OBE) programme in partnership with dedicated and experienced NGOs and Zila Saksharta Samitis (ZSSs). This programme is meant for children below

14 years and adults above 14 years with separate focus. Starting of Open Basic Education Programme completes the chain of Open Schooling system from primary to pre-degree level.

2.3 Organisational Structure

The authorities specified for the management of the National Open School Society are the (i) General Body, (ii) Executive Board, and (iii) Finance Committee.

i) The General Body

This apex body, vested with the responsibility to assist the society by providing sound and professional advice and counsel, generate a vision and give broad policy directions. It ensures that the Organisation remains publicly accountable, exercising its powers and functions in consonance with the mission and objectives of the Society. The Union Minister for Human Resource Development is the President of the Society and chairs the General Body meetings. In his absence, the Minister of State of HRD, who is the Vice President of the society, chairs the General Body meetings. The Secretary of the NIOS is the ex-officio member Secretary of the General Body of the Society. A list of members of the General Body as on 31st March, 2010 is given in Appendix – A.

ii) The Executive Board

In general, the Executive Board has been vested with all the powers of the Society to manage its affairs enabling it to function smoothly and effectively. Specifically the Executive Board does forward planning for preparation of policies and programme of action, takes appropriate decisions to ensure effective implementation of the programmes and exercises review function. The Chairperson, NIOS is the Chairperson of the Executive Board and the Secretary, NIOS is its Member Secretary.

A list of members of the Executive Board, as on 31st March 2010, is given in Appendix-B.

iii) The Finance Committee

The Finance Committee of the NIOS scrutinizes the accounts and budget estimates and makes recommendations on proposals for new financial

outlays and other financial matters. The Chairperson, NIOS is the Chairperson of the Finance Committee. The Secretary, NIOS is the Member Secretary of the Committee.

A list of members of the Finance Committee as on 31st March, 2010, is given in Appendix – C.

• Departments

The Chairperson of the NIOS appointed by the Government of India is the Chief Executive of the Organisation. He is assisted by five Heads of Departments, namely,

1. Secretary
2. Director (Academic)
3. Director (Vocational Education)
4. Director (Evaluation)
5. Director (Student Support Services)

The Organizational Structure of NIOS is depicted in the diagram on page 9.

• Regional Centres

For effective implementation of the NIOS programmes throughout the country, eleven Regional Centres have been established at Kolkata, Pune, Hyderabad, Guwahati, Kochi, Chandigarh, Allahabad, Patna, Jaipur, Bhopal and Delhi. Three Sub-Centres of the Regional Centres have been set up at Dehradun, Bhubaneswar and Darbhanga.

In the year under review, the Executive Board in its 55th meeting approved the setting up of three new Regional Centres at Bengaluru, Gandhinagar and Imphal. The sub-centres of Dehradun and Bhubaneswar were upgraded and a new regional sub centre was approved for Visakhapatnam, thus bringing up the number of Regional Centres to sixteen and that of sub-regional centres to two.

• Staff

A statement showing the category-wise sanctioned staff strength of the NIOS as on 31.03.10 is given in Appendix-E.

2.4 Meetings of General Body, Executive Board and Finance Committee of NIOS held during the year 2009-10.

(a) General Body

The 18th Meeting of General Body was held on 7th December 2009 through circulation .

(b) Executive Board

The 55th meeting of Executive Board was held on 22nd March 2010. The 52nd, 53rd and 54th meeting of Executive Board were held through circulation.

(c) Finance Committee

The 39th and 40th meeting of Finance Committee were held on 10th November 2009 and 24th February 2010 respectively. The 38th meeting of Finance Committee was held on 24th June 2009 through circulation.

2.5 Planning, Implementation and Monitoring

The NIOS has formulated a detailed programme processing mechanism. The Programmes Processing Committee envisaged are as follows.

I) Academic Council (AC)

Chairperson : Chairperson, NIOS
Convener : Director (Academic),
NIOS

II) Advisory Boards of the Departments of (DABs)

Chairperson : Head of the Department
Convener : One faculty member

III) Research Advisory Committee (RAC)

Chairperson : Chairperson, NIOS
Convener : Director (Academic),
NIOS

IV) Evaluation Committee, NIOS

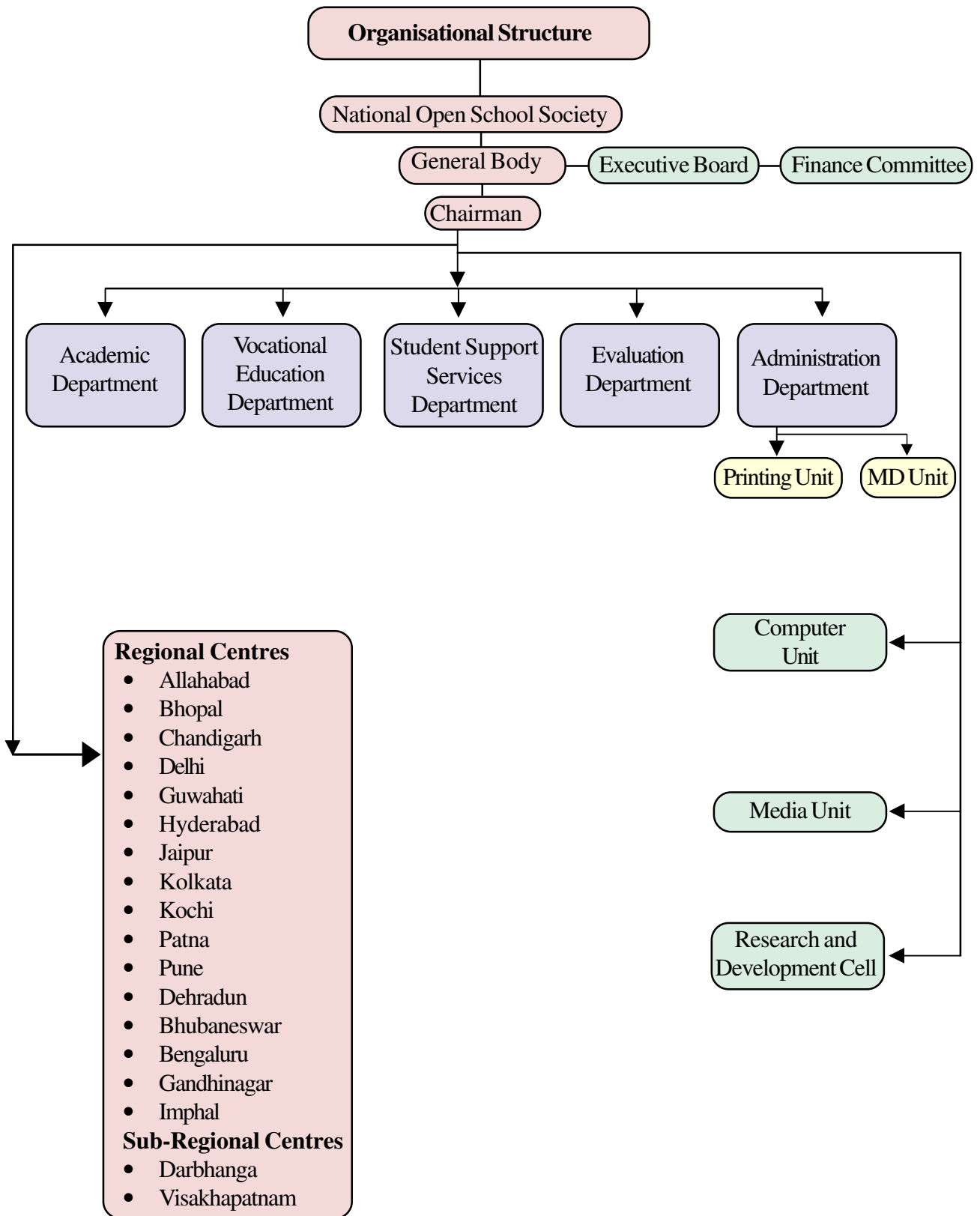
Convener : Director (Evaluation)
NIOS

The Department organised 16th Evaluation Committee on 23.02.2010.

V) Advisory Committees of the Regional Centres of (RCACs)

Convener : Head, Regional Centre,
NIOS

The Departments organized meetings of the DABs in which Annual Plans 2009-10 were considered.



3. Academic Programmes

3.0 Introduction

The Academic Department and the Vocational Education Department form the most important departments of the NIOS. These two departments develop education programmes and/or courses to give opportunity to the learners to pursue the course of learning of their choice. The Academic department takes care of academic courses which encompasses the entire school education continuum. Both the departments collaborate with each other to develop functional and need-based courses to benefit the learners.

The Academic department is primarily engaged in development and revision of academic programmes together with research and development activities and also provides support in the area of evaluation of learners. Broadly, NIOS Academic department has following units :

1. Open Basic Education
2. Secondary and Senior Secondary courses
3. Adolescence Education Programme

A detailed report follows.

3.1 Open Basic Education

The programme of Open Basic Education (OBE) of NIOS envisages schooling by providing a learning continuum based on graded curriculum while ensuring quality of education for children, neo-literates, school drop-outs/ left-outs and completers of non-formal education (NFE). The OBE Project was started in NIOS in June 1994 for providing Primary and Upper Primary level Education through Open and Distance Learning. The OBE programme is being conducted for both children and adult learners. These learners fall under two categories – (i) Children of 6 - 14 years, and (ii) Adults of 15 years and above.

The OBE programme has been recognized by the Government of India as equivalent education to the

formal school for purposes of higher education and employment. Different states have indicated their interest in the programme for adults and neo literates. The OBE is offered in some states as an Equivalency Programme under the Continuing Education scheme of the National Literacy Mission (NLM), now Saakshar Bharat. The OBE programme has three levels A, B and C equivalent to Standard IIIrd, Standard Vth and Standard VIIIth of the formal school system. For implementation of OBE programme, NIOS has now partnership with 682 Agencies, providing facilities for the learners at their study centers. NIOS on its part provides resource support such as NIOS model curricula, exemplar study materials, joint certification and orientation of Resource Persons. The main objective of Open Basic Education Programme is to reach the unreached by using the potential of Distance Education mode and by developing alternative models of basic education programmes. NIOS through its OBE programme contributes to the objective of the constitutional commitment to achieve the goal of universal elementary and secondary education and to fulfill the expectation towards Education for All (EFA).

The foundation of the OBE programme is based upon openness and flexibility. The registration period is valid for five years thereby not only giving freedom to the learners to choose their subjects but also to study on their own pace. It also provides freedom to select the medium of their choice. A learner has a choice of Hindi, English or any Regional Language as medium of study. OBE programme has no upper age limit for any learner, though children below the age of 6 years are not registered in the programme.

The OBE unit performs two types of tasks -

- (a) Development of curriculum
- (b) Accreditation of Agencies

(a) Development of Curriculum

Exemplar curriculum including learning material in Hindi and/or English languages are developed which the partnering agencies may adopt or adapt to local

needs and medium of study. During the period of reporting, thirteen workshops were conducted for the development of learning materials as detailed out in the table below:

Table 1 : Workshops to develop Study Materials at Level A.

Subjects	Purpose	No. of workshops	No. of participants
Hindi	Review of Study Material	04	17
Maths	Final review of study material	04	09
Environmental Science	Review of study material	03	12
English	Review of study material	01	03
Review Meeting of AAs	To identify the curriculum, syllabus adopted by various agencies	01	10

(b) Accreditation of Agencies

NIOS offers OBE programmes with the help of partnering agencies which could be NGOs, JSS, ZSS, SRCs, DIETs, M.S. etc. NIOS has a rigorous

procedure to select partnering agencies so as to maintain quality and credibility of the system. During the period under discussion, NIOS conducted 2 meetings for the purpose of accreditation as per the following details:

Table 2: Meeting conducted for Accreditation of Agencies

Items	Purpose	No. of meeting	No. of participants
Screening Committee meeting	Scrutiny of applications received for accreditation	01	09
Accreditation Advisory Committee Meeting	To decide on grant of accreditation	01	08

As on March 31, 2010 NIOS has the support of 682 Accredited Agencies (AAs) all over India as per the break up given below:

Table 3: State & Category wise distribution of Accredited Agencies

Sl. No.	Name of State	NGOs	JSS	ZSS	SRC	DIETs	M.S.	Minority/ Hunar	Total
1.	Andhra Pradesh	02	04						06
2.	Assam		01						01
3.	Bihar	14	02	01			01	06/298	322
4.	Jharkhand	07	03	01					11
5.	Gujarat	03	02					02	07
6.	Haryana	19	01			17			37
7.	Himachal Pradesh	01							01
8.	J&K	03							03
9.	Karnataka	07	04					02	13

10.	Kerala	10	04		01			02	17
11.	Madhya Pradesh	05	10		01			03	19
12.	Chhatisgarh	01						01	02
13.	Maharashtra	13	07					01	21
14.	Manipur	01							01
15.	Orissa	07	06						13
16.	Punjab	03	01						04
17.	Rajasthan	18		32					50
18.	Tamil Nadu	07	06	28					41
19.	Uttar Pradesh	29	14					16	59
20.	Uttrakhand	05	01	01	01				08
21.	West Bengal	06	03	02					11
22.	Chandigarh	01	01						02
23.	Delhi	26	01					04	31
24.	Goa		01						01
25.	Tripura		01						01
26.	Puducherry					01			01
	Total	188	73	65	03	18	01	37/298	683

As on March 31, 2010, the total enrolment in different courses of OBE was 34313.

Table 4 : Enrolment Data under OBE Programme

Year of Enrollment	Total
2005-06	39369
2006-07	36504
2007-08	38868
2008-09	48337
2009-10	34313

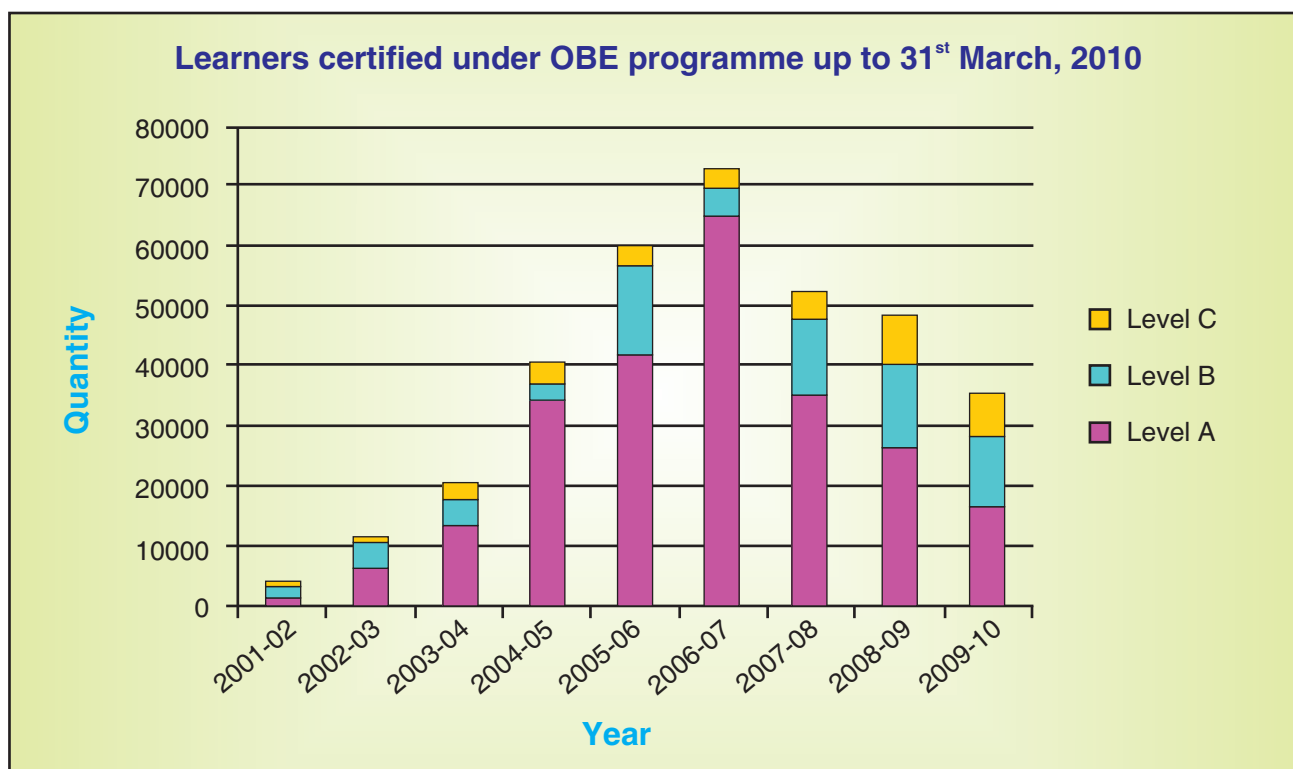
After successful completion of the OBE course a joint certificate with the partnering AA is issued to the learners. As on March 31, 2010, 35922 students

were certified under OBE programme of NIOS as per the details given below:

Table 5: Learners certified under OBE programme up to 31st March, 2010

Session	Level A	Level B	Level C	Total
2001-02	496	734	271	1501
2002-03	6548	4345	1022	11915
2003-04	13653	4391	2919	20963
2004-05	34739	2574	3540	40853
2005-06	42299	14694	3204	60197
2006-07	65497	4546	3088	73131
2007-08	35289	12752	4872	52913
2008-09	26956	13684	8155	48795
2009-10	16787	12094	7041	35922
Total	242264	69814	34112	346190





3.1.1 Collaborative Programmes with Saakshar Bharat (National Literacy Mission)

In order to cater to 14+ neo literates who are also the target group of National Literacy Mission (NLM), a collaborative project between NIOS and Saakshar Bharat was taken up. A national level workshop on NIOS-Saakshar Bharat programmes was held on 24th September 2009 with the objective of implementing the Open Basic Education programmes of NIOS as an Equivalency Programme through the Adult Education Centres of Saakshar Bharat. NIOS would act as the technical and academic support agency. Under this project 3 proposals for collaborative programmes between NIOS and Saakshar Bharat were to be designed, namely:

- (i) Assessment of Output Norms of NLM with Open Basic Education
- (ii) Induction of Open Basic Education Programme as an Equivalency Programme of Saakshar Bharat Mission
- (iii) Skill development Programme under Saakshar Bharat Mission–NIOS Project.

3.2 Secondary and Sr. Secondary courses

The bulk of enrollment in NIOS are in the Secondary and Senior Secondary Courses. Every year approximately 3.5 lakhs students enroll themselves in different courses offered in these two level.

The main activities conducted in year 2009-10 are as follows :

3.2.1 Revision of Secondary Course

The existing secondary course came into force in the year 2003-04. The periodic revision which is usually taken up every 5 to 6 years was due. Also the guidelines enumerated in the National Curriculum Framework 2005 prepared by the NCERT was to be incorporated in the revised material. Hence, the revision of the existing secondary curriculum in various subjects and the learning material was initiated in 2009-10. The different subjects coordinators worked on the preparation of a draft curriculum incorporating the changes which were deemed necessary and the learning outcomes were also prepared. In some subjects lessons were also allocated to the lesson writers.

Another important decision taken while revising the lessons was the integration of life skill issues in five subjects offered at the Secondary level. Details of this activity are included in para 3.3.1.

3.2.2 Development of new courses

NIOS develops need based courses for its learners. Three new courses were introduced during the academic year 2009-10: Painting at secondary level, Sanskrit and Mass Communication at Senior Secondary level. A new course on Environmental Science at Senior Secondary level has also been developed and is expected to be launched in 2011-12 session.

3.2.3 Revision of course at Senior Secondary level

As part of its policy to update/revise courses, in the year 2009-10 the work on the revision of History at Sr. Secondary level was completed. This course is to be launched in 2010-11 session.

The major thrust of the revised course is on the development of objectivity and scientific temper for understanding the historical process. For this purpose many educationists from various institutions such as University of Delhi, IGNOU, JNU and teachers from senior secondary schools came to discuss all these issues. For the first time optional modules have been introduced in History at Senior Secondary level. There are two optional modules on themes which are 'Evolution of States in India', and 'Culture in India'. Both the modules are relevant to understanding the present Indian political and socio-cultural situation.

The course will be offered in Hindi, English and Urdu mediums.

3.2.4 Regional Language Programme

An initiative was taken to introduce Bengali and Tamil language courses as a subject at Senior Secondary level. The work was undertaken by the Regional Centres of Kolkata and Kochi with necessary support from the headquarters. In the period under review, curricula were prepared and finalised for both the subjects and lessons writing was underway in Tamil. The lessons were written and reviewed in the subject of Bengali.

The NIOS conducts programmes at secondary level in 5 regional mediums i.e. Gujarati, Marathi, Telugu,

Malayalam and Oriya. In the year 2009-10 the task of translating Tutor Marked Assignments in 5 regional mediums and 11 regional languages was completed. In addition to this, translation of Painting Course at Secondary level in 5 regional mediums was initiated.

3.2.5 Expansion of Question Bank at Senior Secondary level

The NIOS is the first institution in the country to have launched the innovative On-Demand Examination Scheme (ODES). Under the scheme, all major subjects at secondary level are offered. The question bank is updated and enhanced from time to time by Academic Department. The ODES is also available at Sr. Secondary level. In the year 2009-10, the ODES at Sr. Secondary level was taken up both for expansion and initiation of new subjects. The question banks in the subjects of Hindi, Mathematics and Physics were updated and increased in size, while 7 new subjects viz. Chemistry, English, Biology, Geography, Psychology, Economics and Urdu were developed as expansion of this question bank for ODES. It was also ensured that all items, wherever necessary, were developed in both Hindi and English versions.

3.2.6 Development of Tutor Marked Assignments (TMAs)

For continuous assessment of learners, Tutor Marked Assignments (TMAs) are developed. During the year 2009-10, TMAs were developed in Hindi and English mediums in different subjects at secondary and senior secondary level for use by NIOS learners. A separate TMA was developed for Regional Languages offered at Secondary level.

3.2.7 Marking Schemes

NIOS prepares three sets of question papers in each subject scheduled for public examination. To reduce subjectivity in evaluation, marking schemes are developed and standardized for all subjects at secondary and senior secondary level. During 2009-10, meetings for standardization of marking schemes in different subjects were organized for the public examinations held in April-May, 2009 and October-November, 2009.

3.2.8 Workshops held

Details of the workshops organized by Academic Department in the year 2009-10 are presented in the table given below.

Workshops held in Academic Department in 2009-2010

Sl. No.	Activity	Subjects	Purpose	No. of Workshops	No. of Participants	Outcomes
1.	Course Development at Secondary level	Hindi	Life Skill enrichment of 3 Lessons	1	2	3 lessons finalized
		English	Life Skill enrichment of 3 Lessons	1	2	3 lessons finalized
		Mathematics	Revision of the Lessons	2	16	26 lessons reviewed
		Psychology	Revision of the Lessons	1	4	11 lessons reviewed
		Social Science	Orientation of lesson writers	1	5	A guideline for authors was provided and lessons allocated
		Science	Life Skill enrichment of 3 Lessons	1	2	3 lessons finalized
		Painting	Revision of the Lessons	2	7	19 lessons reviewed
2.	Course Development at Sr. Secondary level	Hindustani Music	Revision of the Lessons	2	6	10 Theory lessons reviewed
		History	Revision of Course Material	8	35	Draft CRC was ready
3.	Development of Question Bank at Sr. Sec. level	Environmental Science	Revision of Course Material	3	10	Book, 1, 2 & 3 reviewed
		Mathematics	Development of Question Bank for ODES	6	31	1431 Items developed
		Physics		6	29	1209 Items developed
		Chemistry		6	28	1122 Items developed
		Biology		8	42	1444 Items developed
		Geography		7	41	975 Items developed
		Psychology		7	41	1064 Items developed
		Hindi		5	31	1000 Items developed
		Economics		5	25	1110 Items developed
		Urdu		5	28	1000 Items developed
English	3	4		526 Items developed		
4.	Development of Tutor Marked Assignments (TMAs) at Sec. level	All Subjects*	TMAs development	1	3	Developed
5.	Development of Tutor Marked Assignments (TMAs) at Sr. Sec. level	All Subjects #	TMAs development	1	3	Developed
6.	Standardization of Marking Scheme at Sec. level	All Subjects *	Standardization Marking Scheme	2	6	Standardized
7.	Standardization of Marking Scheme at Sr. Sec. level	All Subjects #	Standardization Marking Scheme of old & new curriculum	2	12	Standardized
8.	Revision of Lab Manual at Sr. Sec. level	Chemistry	Finalization Chemistry Lab Manual at Sr. Sec. level	2	9	Revised
		Physics	Finalization Physics Lab Manual at Sr. Sec. level	2	9	Revised

* Hindi, English, Sanskrit, Urdu, Arabic, Persian, Mathematics, Science & Technology, Social Science, Economics, Business Studies, Home Science, Word Processing (English), Psychology, Indian Culture & Heritage, Painting.

Hindi, English, Sanskrit, Urdu, Mathematics, Physics, Chemistry, Biology, History, Geography, Political Science, Accountancy, Sociology, Computer Science, Business Studies, Home Science, Word Processing (E), Psychology, Mass Communication, and Painting.

3.3. Projects with the Academic Department

3.3.1 Adolescence Education Programme (AEP) A MHRD, UNFPA, NIOS Collaboration

National Institute of Open Schooling (NIOS) has been implementing MHRD-UNFPA supported Adolescence Education Programme (AEP) since 2005 with an objective that educational processes should engage learners in creating knowledge that is relevant to their experiences, promote healthy attitudes and enable them to think critically and respond to real-life situations in positive and responsible ways. By building on relevant experiences of young people, the program focuses on enhancing life skills to enable them to tackle real-life situations effectively.

The main functions of the programme are:

- Curricular Interventions
- Capacity Building Initiatives
- ICT Support
- Advocacy

Curricular Interventions

In 2009, NIOS took an informed decision to undertake an innovative pilot to carry out curricular interventions for development of life skills enriched materials in selected subjects. In order to



maximize the reach of the integrated lessons, the most opted for subjects of Home Science, Social Science, Science and Languages (Hindi and English) were identified for integration.

During the year seventeen enriched lessons were written in five subjects. The lessons went through exhaustive rounds of peer and tutor review. A four day workshop was organized at Jamia Milia Islamiya and UNDP where nearly 50 tutors reviewed and recorded their comments. Detailed feedback obtained was later incorporated to finalize lessons. The unique

feature of this workshop was that it was also used as a platform to sensitize translators and illustrators. Limited edition of the lessons was printed for testing by tutors.

Capacity Building Initiatives

Intensive training programmes were conducted for NIOS officer in charge of five subjects, lesson writers, graphic designers, translators, script writers and tutors.

Capacities of NIOS officials and lesson writers were built to develop evaluation items for testing life skills in the subjects identified for integration of Life Skills issues. Illustrators were trained to develop graphics as an active teaching learning device before they illustrated the integrated lessons.



NIOS plans to build the capacities of its tutors in the conduct of effective Personal Contact Programmes. A pilot programme under the AEP was run in three states Orissa, Bihar and Uttar Pradesh. A batch of 45 tutors from the states of Uttar Pradesh, Orissa and Bihar was trained as Master Trainers. The intensive workshop was inaugurated by Chairman NIOS on the Children's day 14th November 2009, where he dedicated the Package of Integrated Lessons to the children of nation. The Master Trainers in turn conducted a workshop to train Tutors of Uttar Pradesh and Bihar. The workshops were conducted in Lucknow and Patna.

225 stakeholders went through intensive training programmes during 2009 under the Capacity Building Initiatives of Adolescence Education Programme. Training material was also developed for these workshops.

ICT Support

AEP has endeavoured to support the print materials by providing relevant messages through the webpage, Learner Support Centre, audio/video programmes, live TV programmes etc.

Audio/Video Programmes

Hon'ble Education Minister Mr. Kapil Sibal released the set of Audio/ Video programme developed under the Adolescence Education Programme on 15th February 2009 at India International Centre, New Delhi during the NCOS annual meet. 10,400 Audio and 10,400 Video programme were made available to all AIs under this programme.



Two audio programmes on **Effective Personal Contact Programmes** were developed. These programmes were developed during the Capacity Building Workshops with an objective to provide a reference point to the trained tutors.

One hour Live Telecast

Adolescence Education Programme has assisted Media Unit in the organization of four episodes of 1 hour Live Telecast on the issues mentioned below:

Telecast Date	Issues
• 24.09.2009	Handling Examination related Stress
• 26.11.2009	Know AIDS for No AIDS
• 31.12.2009	Taming Anger
• 9.04.2010	बदलते परिवेश में सामाजिक विज्ञान की प्रासंगिकता

AEP WebPages

Maintenance and updation of the dedicated pages of AEP is an ongoing process. Annual footfalls of 11,434

were recorded on AEP WebPages in year 2009. Special updations of AEP WebPages were carried to support the Live Telecast Programmes by NIOS.

Learner Support Centre

NIOS is committed to provide timely and authentic information to its learners. In the year 2009-2010 Life Skills related information on the critical issues and concerns of young people was provided to 24,843 callers through the Toll Free number.

Organization of Special Days

International Women's day was celebrated on 7th March 2010 by organizing a talk on Sexual Harassment at Workplace. Special edition of Poster and Badge was released by Dr. S.S. Jena, Chairman NIOS on this occasion. A separate Gender Sensitization Workshop was also organised.



3.3.2 Project for Improvement of Marks of PTTI trainees of West Bengal

This Project was undertaken in collaboration with the Govt. of West Bengal for capacity building of Primary Teacher Training Institute (PTTI) trainees for improvement of academic qualification. Under this project, primary school teacher trainees who had secured less than 50% marks in Senior Secondary as well as those who had not been able to clear Senior Secondary examinations were to be admitted in the NIOS Senior Secondary programme. The trainees would be allowed to enrol for either one or as may as five subjects of their choice. For this purpose the Academic Department through the Regional Centre, Kolkata took up

translation of NIOS materials into Bengali medium. A new subject, Bengali language at Senior Secondary level, was also taken up for development.

3.4 Other Important Activities

3.4.1 Vision Document

Upon the assumption of charge by the new Chairman, Dr. S.S. Jena, a Vision Document for NIOS was developed, which highlighted the path to be taken by NIOS in the coming years as well as the new areas of work in the area of Open Schooling.

3.4.2 Foundation Day Celebrations and Inaugural Meeting of COMOSA

The NIOS was set up as an autonomous body on 23rd November, 1989. On this day in 2009, a national level workshop was organized and a book entitled “The Way Forward” was released by Smt. Anshu Vaish, Secretary (SE&L), MHRD. Wide publicity was done through newspaper advertisements.

The Commonwealth of Learning also organised the inaugural meeting of the Commonwealth Open Schooling Association (COMOSA) wherein the constitution of COMOSA was adopted by the member countries. Dr. S.S. Jena, Chairman, NIOS, was elected the first Chairperson of COMOSA.

3.4.3 Academic Council Meeting

The tenth meeting of the Academic Council was organised by the Academic Department on 17th March, 2010. The Council approves the work plan of Academic and Vocational Department in particular and other academic activities undertaken by the other Departments in general. With the assumption of charge of NIOS by Dr. S.S. Jena, Chairman, the Academic Council was reconstituted. Some new members were inducted and their guidance and advice sought in chalking out the programmes of different departments for the year 2010-2011. While welcoming the new members, the Chairman emphasized the significant role of NIOS in universalising secondary education in India and referred to the need to extend the reach of NIOS in all the states/districts of the country.

After the confirmation of the minutes of the Ninth Academic Council meeting and the reporting of the Action Taken report, the following areas were discussed in detail among other things :

- New Projects/Programmes of Academic Department.
- Approval of programmes of Academic Department for the year 2010.

- Approval of activities to be undertaken under AEP.
- Approval of different activities to be undertaken by Vocational Department in 2010.
- Proposal for collaboration with Open Training and Education Networking (OTEN), Australia.
- Introduction of new courses/projects in Vocational Department.
- Setting up of a Research and Development Cell in NIOS.
- Approval of Work Plan for Media Unit.
- Introduction of On Demand Examination in Regional Centres.
- Delinking of TMA from Certification.

The observations/suggestions given by the esteemed members for the council were discussed and noted for future plan of action.

3.4.4 Training Programmes for Staff

As a part of the strategy for development of capacities of staff, training programme on “Evaluation techniques and development of Blue print” was conducted for academic staff of NIOS. This was a precursor to the initiation of the Question Bank activity.

3.4.5 Pan Commonwealth Forum 6

The PCF6 is being held at Kochi in Nov 2010 with the aim of promotion of distance and open learning. Papers were invited for this forum.

The abstracts of the following faculty members have been accepted:

- (i) Dr Anita Priyadarshini - Using Technology for Strengthening Open schooling : A study of the Ni On project on NIOS
- (ii) Ms Koushalya Barik – Vocational Education Through Open Schooling : Lessons From NIOS
- (iii) Dr. B.K Rai – Role of Open and Distance Learning System in Reducing the Stress Among The Learners

3.4.6 Printing of OSAC Journal

The OSAC journal was taken out in August 2009 along with the Open Learning Magazine 2009. The articles for the next OSAC issues were also finalized.

During the year 2009-10, efforts were made to obtain an International Standard Serial Number (ISSN) for the COL-NIOS international journal on open schooling, OSAC which has since been renamed as COMOSA Journal. This has now been provided by NISCAIR.

4. Vocational Education Programmes

4.0 Introduction

The need for emphasis on Skill Development, especially for the less educated, poor and out of school youth has been highlighted in various forums. The skill level and educational attainment of the work force determines the productivity, income levels as well as the adaptability of the working class in changing environment. Large percentage of population in India is living below poverty line. One of the important causes is lower percentage of skilled persons in the workforce.

The principal objective of Vocational Education and Training (VET) is to train youths and adults alike, readying them for the labor market. With technical revolution and innovations in science and technology, labor market needs have significantly evolved. New challenges must be met in order to match the education proposed with vocational demands. In that regard, several countries are in the process of reforming their education system, with a view to training youths to meet regional, national and/ or international market needs.

One of the objectives of the Vocational Education (VE) Programme of NIOS is to meet the need for skilled and middle-level manpower for the growing sectors of economy, both organized and unorganized. The range of Vocational Education courses has been expanding over the years depending upon needs of learners and market demands. The present VE courses of NIOS are meant for both urban and rural sectors.

4.1 Material Development

Variety of courses in areas of Health and Para Medical, Engineering and Technology, Home Science, Computer & IT, Agriculture, Business and Commerce and Teacher Training have been prepared for VE programme delivery through AVIs. The number of

Vocational Education Courses have increased from a few courses in 1991 to 80 at the end of academic year 2010. The entry level for the NIOS Vocational Education Courses is from neo literates to 12th pass. At present, the VE Courses are offered as Six Months courses, One Year courses, Stand-alone courses at Secondary and Senior Secondary level, Package Course and Life Enrichment Courses. A two year diploma course in Radiography is also being offered.

The major courses under revision are – Beauty Culture; X-Ray Technician; Diploma in Basic Rural Technology; Cutting, Tailoring and Dress Making. New courses like Diploma in Operation Theatre Technician; Data Entry Operations; Diploma in Insurance Services; Diploma in Accounts; Banking & Taxation; Certificate in Ayurvedic Therapies; Diploma in Apparel Designing are under development.

4.2 Translation of Courses

- As per need, many of the courses have been developed/translated into **Urdu** language.
- The courses are also translated into Hindi, Urdu and other Regional languages.

4.3 Networking

NIOS functions through a network of Accredited Vocational Institutes (AVIs) for imparting skill based training to its learners. The existing institutions like ITIs, Jan Shikshan Sansthan, Krishi Vigyan Kendras, Schools, Colleges, District Institutes of Education and Training (DIETs), Universities, Paramedical Training Centres, NGOs and several other Voluntary Agencies are partnering with NIOS in imparting Vocational Education. In the last few years, there has been substantial increase in the number of AVIs (refer Table 4.1). With accreditation of **33** AVIs during the year 2009-10, the total number of AVIs as on 31.3.2010 was **1139**.

Table 4.1 : List of AVIs of NIOS State wise
As on 31st March 10

S. No.	State	AVIs
1.	Andhra Pradesh	16
2.	Arunachal Pradesh	01
3.	Assam	08
4.	Bihar	49
5.	Chhattishgarh	20
6.	Goa	05
7.	Gujarat	16
8.	Haryana	50
9.	Himachal Pradesh	49
10.	Jammu & Kashmir	21
11.	Jharkhand	21
12.	Karnataka	24
13.	Kerala	93
14.	Madhya Pradesh	91
15.	Maharashtra	38
16.	Manipur	02
17.	Meghalaya	01
18.	Mizoram	0
19.	Nagaland	02
20.	Orissa	20
21.	Punjab	35
22.	Rajasthan	53
23.	Sikkim	0
24.	Tamil Nadu	61
25.	Tripura	01
26.	Uttarakhand	28
27.	Uttar Pradesh	160
28.	West Bengal	21
	Union Territories	
29.	Andaman & Nicobar	02
30.	Chandigarh	06
31.	Dadra and Nagar Haveli	0
32.	Daman and Diu	0
33.	Lakshadweep	0
34.	Pondicherry	02
35.	Delhi	240
36.	Overseas (UAE)	03
	Total	1139

4.4 Admission

The enrollment of students in Vocational Education Courses has shown progressive increase, barring a

few exceptions. Table 4.2 shows year-wise enrollment in Vocational Education Courses. During the year 2009-10, the enrollment of students in various Vocational Education Courses was 19,073.

Table 4.2: Year wise Enrollment in Vocational Education Courses

Year	Enrollment	Percent increase
1997-1998	5,822	(+)51
1998-1999	7,164	(+)23
1999-2000	10,611	(+)48
2000-2001	12,026	(+)13
2001-2002	17,770	(+)48
2002-2003	22,321	(+)26
2003-2004	21,211	(-)5
2004-2005	20,985	(-)1.1
2005-2006	22,879	(+)8.9
2006-2007	22,166	(-)3.11
2007-2008	23,674	(+) 6.8
2008-2009	22343	(-) 5.6
2009-2010	19073	

Admission to vocational education courses of NIOS is open round the year. Table 4.3 shows the enrollment

in State/Union Territory wise during 2009-10 .

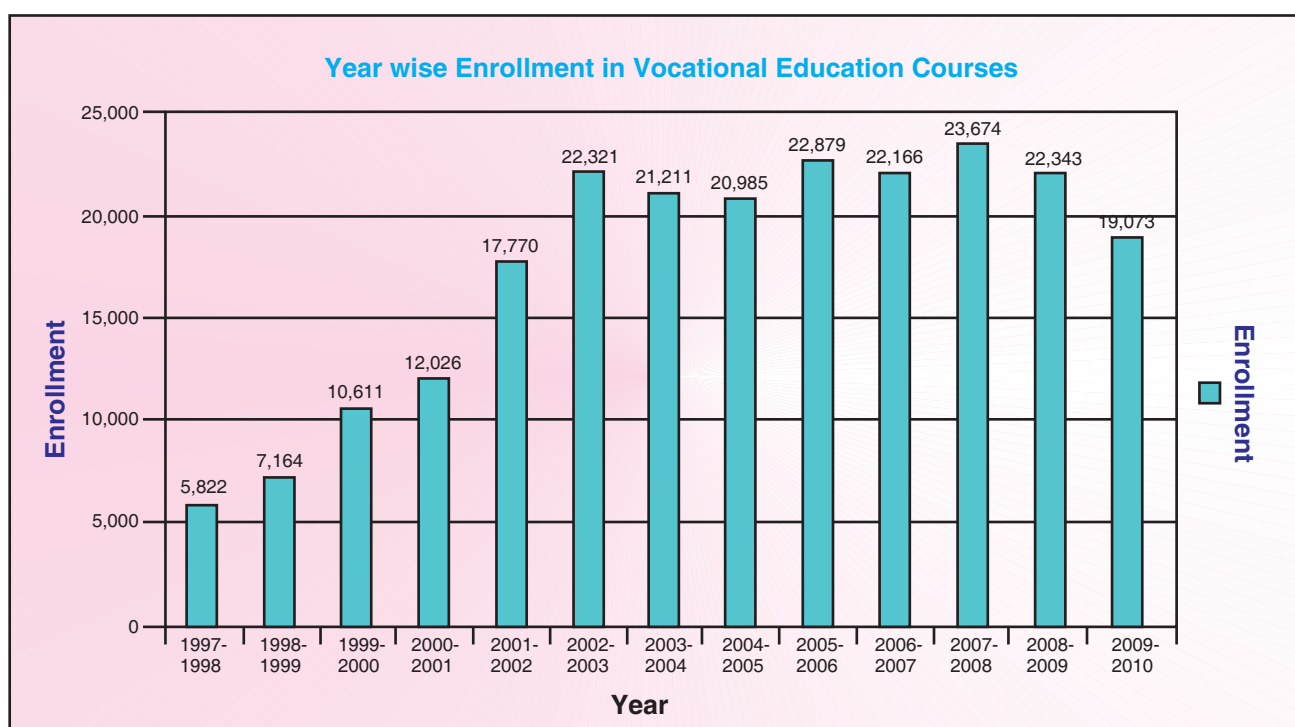


Table 4.3: State wise Enrollment in Vocational Education Courses during 2009-10

AVI	STATE	TOTAL	%
51	Andhra Pradesh	153	0.80
58	Karnataka	497	2.61
61	Maharashtra	675	3.54
78	Goa	68	0.36
52	Assam	130	0.68
73	Andaman & Nicobar Islands	07	0.04
56	Himachal Pradesh	1110	5.82
57	Jammu & Kashmir	260	1.36
66	Punjab	915	4.80
75	Chandigarh	298	1.56
59	Kerala	1823	9.56
69	Tamilnadu	609	3.19
81	Pondicherry	100	0.52
55	Haryana	1188	6.23
99	Delhi	3697	9.38
54	Gujarat	133	0.70
67	Rajasthan	549	2.88
53	Bihar	922	4.83
76	Jharkhand	188	0.99
60	Madhya Pradesh	1180	6.19
65	Orissa	452	2.37
72	West Bengal	314	1.65
79	Chhattisgarh	337	1.77
71	Uttar Pradesh	3286	7.23
84	Uttarakhand	158	0.83
45	S.A.I.E.D	07	0.04
	Total	19073	100.00

The region wise enrollment (as per the division of NIOS Regional Centres) trend shows that the highest enrollment was in the Delhi Region followed by the Chandigarh Region and Kochi Region. The Guwahati

Region had the lowest enrollment. Table 4.4 shows region wise enrollment in Vocational Education Courses during 2009-10.

Table 4.4 : Region wise Enrollment in Vocational Education Courses During 2009-10

Hyderabad	3%
Pune	4%
Kolkata	5%
Guwahati	1%
Chandigarh	17%
Kochi	13%
Delhi	25%
Jaipur	2%
Patna	11%
Allahabad	6%
Bhopal	9%
Dehradun	4%

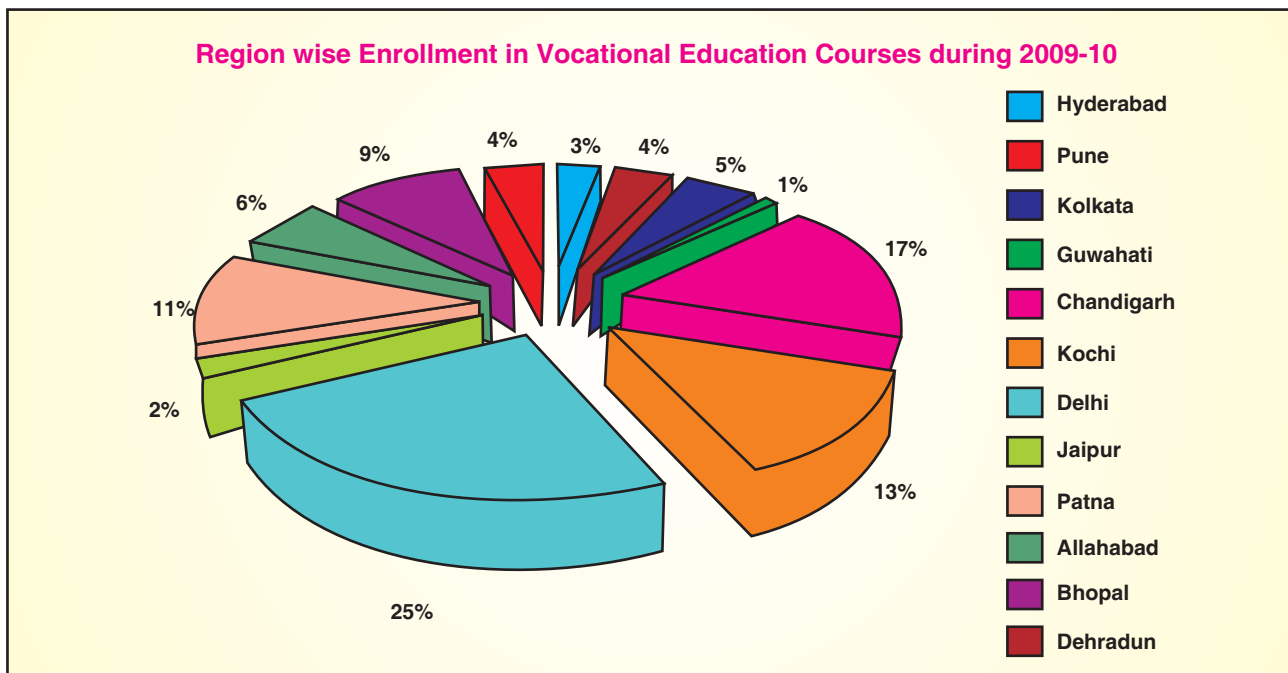


Table 4.5 : Gender-wise Vocational Admission 2009-10; Total admission : 19073

Gender	Total	%
Male	8562	44.89
Female	10511	55.10
Total	19073	

The enrollment data reveals that maximum number of students i.e., 78% taking admission in Vocational Education Courses of NIOS was in the age group 14-25 years an age of joining active work force. There is variation in the percentage of males and females

taking admission in Vocational Education Courses. As shown in the table 4.5 of the total students admitted in the Vocational Education Courses, 55% of females avail the facility of Vocational Courses as against 45% males.

Table 4.6: Age wise Distribution of Enrollment in Vocational Education Courses during 2009-10

14 – 20	51%
21 – 25	27%
26 – 30	10%
31 – 35	6%
36 – 40	3%
41 – 45	1%
46 – 50	0%
Above 50	2%

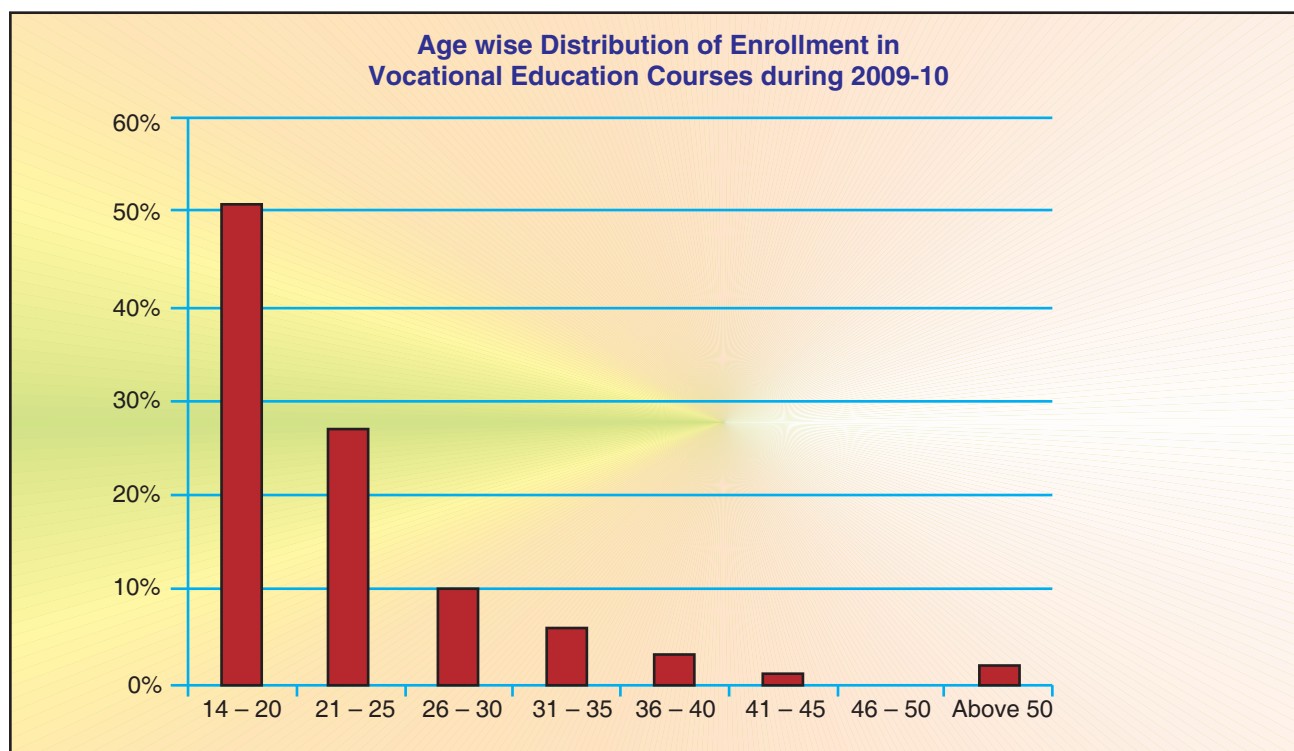


Table 4.7 :Category-wise Enrolment in Vocational Education Courses 2009-10

Course	General	SC	ST	Ex-Ser	Differently abled	OBC	Total
Vocational	16823	1611	468	12	143	16	19073
%	88.20	8.44	2.45	0.062	0.749	0.083	99.984

Of the total enrollment in Vocational Education Courses, the percentage of disadvantaged learners was very small i.e. only 11.75%. The remaining learners were in the general category.

There are certain Vocational Education Courses which are very popular. Table 4.8 shows the course-wise enrollment. Enrollment trends show that **Early**

Childhood Care and Education; Cutting, Tailoring and Dress Making; Certificate in Computer Applications; Community Health (Jan Swasthya); Electrical Technician; Beauty Culture; Yog etc., are the most popular courses among learners.

Table 4.8: Enrollment in Vocational Education Courses during 2009-10

Subject Code	Subject Name	Enrollment
217	Typewriting (Hindi)	1
218	Typewriting (English)	10
252	Carpentry	14
253	Solar Energy Technician	8
254	Bio Gas Energy Technician	1
255	Laundry Services	41
256	Bakery & Confectionary	335
257	Welding Technology	270
322	Type Writing (Hindi)	12
323	Type Writing (English)	138
324	Stenography (Hindi)	77
325	Stenography (English)	48
326	Secretarial Practice	148
327	Word Processing (Eng)	455
351	Plant Protection	4
353	Oyster Mushroom Prod. Tech.	10
355	Electroplating	1
356	House Keeping (Accommodation Service)	101
357	Catering Management	283
358	Food Processing (Theory)—No Admission	7
359	Play Centre Management	30
360	Hotel Front Office Operations	10
362	Soil & Fertilizer Management	06
363	Preservation of Fruits & Vegetables	06
401	Basics of Health Care	161
402	Health And Environment	161
403	Health Education	161

404	Health Extension Activities	161
412	Secretarial Procedures	55
413	Computer Applications In Office	55
414	Business Communication	55
415	Shorthand Writing	55
422	Type Writing (Hindi)	14
423	Type Writing (English)	41
424	Stenography (Hindi)	41
425	Stenography (English)	202
426	Secretarial Practice	239
427	Word Processing (English)	195
430	Orientation to X-Ray Department	42
431	Radiation Physics	42
432	Human Anatomy & Physiology	42
433	Dark Room Layout and Practices	42
434	Regional Radiography and Contrast Media	42
435	Advanced Imaging and Special Diag Procedures	42
436	Libraries: Functions and Services	630
437	Organization of Library Materials	630
438	Records of Library	630
439	Understanding the Child	1978
440	Early Childhood Care & Educational Principals & Processes	1978
441	Orgnization & Mangement of an Early Childhood Care & Educational Centre	1978
442	Home & Health	69
443	Agriculture (Including Animal Husbandry & Poultry)	69
444	Mechanics, Energy & Environment	69
445	Basic Life Sciences	12
446	Aspects of Aging	12
447	General Care and Specific Needs of Elderly	12
448	Yog for Elderly	12
449	Basic Life Sciences	2029
450	Maternal & Child Health Care	2006
451	Prevention & Management of Diseases	2029
601	House Wiring & Electrical Appliances	65
602	Motor & Transformer Rewinding	03

604	T.V. Repairing	10
605	Cutting & Tailoring	1155
606	Dress Making	162
607	Library Attendant	10
608	Certificate In Basic Computing (Theory)	619
611	Plumbing	81
612	Beauty Culture	1418
613	Certificate In Desk Top Publishing (CDTP)	420
614	Yog	571
615	Certificate In Security Services (CSS)	162
616	Certificate in Computer Hardware Assembly & Maintenance	379
617	Certificate in Jeevan Vigyan	8
622	Web Designing	12
623	Four Wheeler Chassis Mechanism	01
626	Fire Prevention & Industrial Safety	36
701	House Wiring & Electrical Appliance Repairing	1924
702	Motor & Transformer Rewinding	1924
703	Radio & Tape Recorder Repairing	102
704	T.V. Repairing	102
705	Cutting & Tailoring	1584
706	Dress Making	1584
707	Library & Society & Library Organisation	04
708	Classification Cataloguing & Library Organisation	04
709	Refrigeration	678
710	Air Conditioning	678
711	Basic Computing Skills	2047
712	Computer Applications	2047
713	Certificate in Two Wheeler Mechanism	29
718	Introduction to Homeopathy	199
719	Introduction to Homeopathy Dispensing	199
723	Four Wheeler Chassis and Mechanism	116
724	Four Wheeler Engine Mechanism	116
801	Paripurna Mahila	2
802	Jan Swasthya	59

4.5 Qualitative Improvement

In keeping with the larger objectives of the Eleventh Five Year Plan, the future thrust of the NIOS vocational courses is on training of educated unemployed youth for meaningful, skill oriented employment. In the coming years, the plans for course development include launching of traditional as well as non-traditional technology oriented and competency based courses which have direct connection with market and industrial demand.

4.6 Guidelines, Norms for Accreditation of AVIs and Revision of MOU

In order to improve the quality of the programmes being conducted by the partnering institutions, more rigorous parameters had been drawn for accrediting new institutions, to ensure better transparency and objectivity in the process. The existing guidelines for accreditation were revised and modified with the help of a committee of experts. These include the procedure for submitting the application, application format, guidelines for the screening committee, mechanism for performance, and monitoring of the programmes in the study centres (AVIs). Accordingly, **Norms** for each individual course had been prepared and uploaded on NIOS Website. Memorandum of Understanding (MOU) for AVIs had also been revised.

4.7 Monitoring of Programmes: Appointments of Vocational Education Facilitators (VEFs)

With a view to ensure quality of the VET Programme in the AVIs more number of VEFs (123) were appointed to monitor the performance of the AVIs. They have been given a well designed format to receive feedback. Their feedback is analysed at Regional Centre level. These VEFs not only monitor AVIs but they provide on the spot training also.

4.8 Meetings of the Coordinators of AVIs and Vocational Education Facilitators (VEFs)

NIOS organised Orientation Programme for the Coordinators of Study Centres (AVIs) in order to facilitate the work of Study Centers and make them acquainted with the changes in the scheme of studies

as well as in other activities of NIOS. In these programmes, matters related to examination, administration and vocational academic issues are discussed and problems resolved. Besides these matters, procedures for admission and accreditation were also explained to the Coordinators. These meetings were organized in all the Regional Centers of NIOS. The Coordinators of the AVIs were apprised of the changes and new courses VEFs were also invited to be briefed with new developments in NIOS.

4.9 Collaborative project on Vocational Education and Training:

There is a great demand of need based skilled manpower for various industries which are coming up in different states such as:

1. Collaboration between Government of Rajasthan through Kasturba Gandhi Balika Vidyalaya (KGBV) project.

The Rajasthan Council of Elementary Education, Jaipur (Raj.) earmarked specific Kasturba Gandhi Balika Vidyalayas (KGBVs) the residential schools under SSA for girls, for imparting skill training free of cost to the girls enrolled with them. 138 KGBVs have already applied for the accreditation to NIOS for the trade Cutting, Tailoring & Dress Designing.

2. Collaboration with Functional Vocational Training and Research Society (FVTRS), Bengaluru.

Functional Vocational Training and Research Society (FVTRS) is a Bangalore based NGO working for the unorganised sector since 1993. It has a network of NGOs all over the country. The objective is to engage school drop-out youth in vocational training and employability skills to lead a dignified life. Currently FVTRS has 102 projects running in various States for a committed number of 18,000 youths with varying course duration for different trades. Gender mainstreaming has been the hall mark of FVTRS. More than 50 per cent of the enrolled trainee are adolescent girls. In the process they have made a number of trades gender neutral. Trades like auto-rickshaw driving, garage mechanics, front office management etc are popular with girls also.

3. Introduction of new courses “IT Essentials: PC Hardware and Software” in collaboration with CISCO-under PPP Model.

In recent times there is an emphasis on public private partnership (PPP) in education to fill in the gap between supply and demand for skilled workers. NIOS is in the process of evolving a workable model for the skill development process under the vocational education programmes targeted mostly for those who are in the un-organised sectors. NIOS has signed an MOU with CISCO, which is a reputed international organization in the field of Information Technology to offer an on-line course titled “IT Essentials: PC Hardware and Software”. The duration of this course is 6 months. Six AVIs have been identified as study centers for this course.

4. Operationalisation of second phase for Project HUNAR in Bihar

Project Hunar, a skill development project operational in the State of Bihar, is in its second phase of collaboration with Bihar Education Project Council, (BEPC). About 50,000 girls from Muslim Minority, SC/ST and Dalits will be provided skill based training without charging any fee.

Nine trades are selected for the skill training to be provided to the target group. All the teaching learning materials, teacher’s handbook, model sample papers etc will be provided by the Vocational Department. The trades which are selected for the purpose of Training Cutting and Tailoring, Preservation of Fruits and Vegetables,

Early Childhood Care and Education, Basic Computing Skills, Gram Sakhi, Typing (Hindi, Urdu, English) and Beauty Culture.

5. Future Thrusts

• **Introduction of Open Educational Resources (OER) .**

In a distance education set up like NIOS, students are located in remote and isolated situations away from the teacher. ICT is capable of helping such students with Open Educational Resources (OER) which can be used, re-used and shared freely by students and teachers. NIOS is venturing in this field for the development of OER in the area of Tourism and Hospitality Management and Security Services.

• **Development of e- Learning content**

The project is basically meant for NIOS students, teachers and academic/vocational facilitators working at our AIs/AVIs. In order to bring an improvement in the quality of teaching-learning process there are plans to develop web-based courseware, online discussion groups, live virtual classes, video and audio streaming, web chat and online simulations. The primary functions of the e-learning cell would be to get the study materials converted into e-learning mode and to follow an effective Learning Management System (LMS) for delivery and implementation.

The courses which are likely to be developed for the development into e-learning content are Certificate in Computer Applications and Basic Rural Technology.

5. Education of Special Groups

5.0 Introduction

The Minority Cell is a separate unit of NIOS, created in 2006 to look after problems of minority communities specially Muslims. It is making efforts to bring out-of-school Muslim children within the fold of elementary education through accreditation of Maktabas and Madarsas. The out of school Muslim children are being given education free of cost under SSA and SPQEM policy. Thus Minority Cell of NIOS has become a major instrument of policy intervention for Government of India for improving educational

access for Muslim Minorities at school level.

5.1 Major Achievements

The norms for granting accreditation to institutions were relaxed for traditional educational institutions of Muslims like Madarsas, Maktabas and Dar-ul-ulooms into mainstream education through imparting Academic and Vocational education of NIOS. This in turn, has made NIOS, a lead institution in this regard. The details of accredited centres are given below:-

Community wise list of AVI, AI and AA Centres up to March 2010

Community	AIs	AVIs	AAs	Total
Muslim	Minority Institutes - 114 Madarsas - 14	Minority Institutes - 39 Madarsas - 14	Minority Institutes - 11 Madarsas - 26	164 54
Christian	97	79	-	176
Sikh	32	07	-	39
Jain	-	01	-	01
Total	257	140	37	434

The total number of AI s, AVIs and AA s under Minority Institutions of NIOS as on March 2010 are:

STATE	AIs	AVIs	AAs	Total
Madhya Pradesh	19	07	02	28
Uttar Pradesh	54	21	16	91
Haryana	07	03	-	10
Bihar	13	23	07	43
Gujarat	09	03	02	14
Karnataka	11	10	02	23
Maharashtra	29	05	01	35
W.B.	23	06	-	29
Andhra Pradesh	04	02	-	06
Kerala	19	16	02	37
Rajasthan	07	02	-	09

Manipur	01	-	-	01
Punjab	17	03	-	20
Delhi	12	22	04	38
Chhatisgarh	02	-	01	03
Meghalaya	03	-	-	03
Goa	04	01	-	05
J&K	01	-	-	01
Uttarakhand	05	03	-	08
Assam	06	01	-	07
Jharkhand	04	02	-	06
Tamil Nadu	01	09	-	10
Nagaland	02	-	-	02
U.A.E.	03	-	-	03
Himachal Pradesh	-	01	-	01
Chandigarh	01	-	-	01
Total	257	140	37	434

Year wise list of Accredited AI, AVI and AA Centres

	AIs	AVIs	AAs
Prior to January 2004	93	76	Data not available
January 2004 to December 2004	18	05	Nil
January 2005 to December 2005	24	10	01
January 2006 to December 2006	30	12	Nil
January 2007 to December 2007	12	08	12
January 2008 to December 2008	28	21	9
January 2009 to December 2009	45	07	2
January 2010 to March 2010	07	01	13
Total	257	140	37

The enrollment and pass out trend of Urdu medium students of Minority Institutions on

secondary and higher secondary level are given on table A & B.

Table A: - Enrolment trends of Urdu medium Students (Girls & Boys) of Minority institution

Year	Secondary			Senior Secondary			Total
	Male	Female	Total	Male	Female	Total	
2001-02	563	288	851	149	99	248	1099
2002-03	998	608	1606	165	179	344	1950
2003-04	1101	894	1995	114	164	278	2273
2004-05	406	316	722	157	147	304	1026
2005-06	558	391	949	188	195	383	1332
2006-07	557	390	947	144	190	334	1281
2007-08	618	363	981	221	174	395	1376
2008-09	906	439	1345	232	161	393	1738
2009-10	941	408	1349	326	180	506	1855
2010-11 Admission till Date.	1008	436	1444	362	210	572	2016

Table B: Present Certification status of Urdu medium Students (Girls & Boys) of Minority institutions.

Year	Secondary			Senior Secondary			Total
	May	Nov.	Total	May	Nov.	Total	
2001	176	294	470	0	0	0	470
2002	379	169	548	57	70	127	675
2003	1101	178	1279	73	83	156	1435
2004	909	193	1102	134	60	194	1296
2005	380	125	505	96	46	142	647
2006	272	197	469	159	92	251	720
2007	320	156	476	145	61	206	682
2008	510	107	617	155	108	263	880
2009	656	229	885	157	100	257	1142
2010	595	-	-	275	-	-	870

5.2 New initiative of Minority Cell

“HUNAR PROJECT”

The “HUNAR” is a unique, innovative and revolutionary project of NIOS for empowerment of Muslim girls through vocational training and skill development. The uniqueness of this project is that for the first time skill training/up to gradation of skill are being provided free of cost to young Muslim girls (11-14/16 years). These girls are already enrolled in

Kasturba Gandhi Balika Vidyalaya / informal schools in Bihar. The entire delivery mechanism comprises of a network of institutions run and controlled by the community without any governmental control. Considering the success of this Project, other states are also showing keen interest to start this project in their States.

A total budget of Rs.2.55 Crores was earmarked by Bihar Education Project Council under Centrally Sponsored Scheme of N.P.G.E.L. for providing skill

training/development in 7 Vocational courses to 13768 (thirteen thousand seven hundred and sixty Muslim girls) from 37 Districts of the state for the session of 2008-09. The 298 Minority Institutions /Madarsa / Maktab running under supervision of three Socio-religious umbrella organizations of the State were accredited for imparting these vocational training to the girls in phase-I. and 50,000 more Girls of Muslim, SCs ,STs and Most Backward Community have been enrolled in Phase II for the session 2010-11. More than 505 new Centers under 27 Nodal Agencies have been inspected and accredited apart from 298 accredited Institutions of Hunar-I. Tripartite MOUs have also been signed with these Nodal Agencies to collaborate and cooperate with NIOS in identifying and recommending institutions which could be granted accreditations by NIOS for running Project HUNAR.

5.3 SPQEM & Role of NIOS

The Scheme of Providing Quality Education in Madarsa (SPQEM) was launched on 26.2.09 at MHRD. The affiliated/accredited Madarsas/Maktab with NIOS for Primary, Middle, Secondary and Senior Secondary level are entitled to avail the financial assistance under this scheme. The financial assistance provided to Maktab, Madarsas and Darul-ulooms will cover various heads. This assistance would meet not only the registration fees, Examination fee and cost of the study materials supplied by NIOS up to 100% for each students opting for study through NIOS at different levels including vocational courses but also for Library, Labs, Teacher Training and Salary of the teachers of modern subjects.

The programmes for Minority education undertaken by Minority Cell are as under:

- Development of Multimedia programme in Urdu Medium.
 - 32 Vocational Courses of different duration i.e 6 month and one year, have been translated in Urdu medium and are being provided to the learners for enhancing their skills.
 - Books of Secondary and Senior Secondary have been translated in Urdu medium and are being provided to the learners.
 - Proactive advocacy programmes like meetings, seminars, surveys, mass sensitization and awareness programmes in remote/hilly and backward areas for increasing awareness among downtrodden and unprivileged sections of the society regarding utility of NIOS programmes
- in the field of school education.
 - Facility to take examination in Urdu medium.
 - 17 Video programme in Urdu at Secondary level and Senior Secondary level.
 - CDs in Urdu for Open Basic Education
 - 28 Audio programmes at Secondary & Senior Secondary levels.
 - Programmes for AEP (ARSH) project
 - NIOS programme (including Urdu) broadcast on Daily broadcast Gyan Vani (8.00 a.m. & 4.00p.m.)
 - NIOS programme (Including Urdu) telecast Gyan (Weekly telecast) Darshan (DD I at 5.05 a.m. on every Friday)
 - A meeting was organized with Director and other officials of BEPC on 23rd December, 2009 in NIOS to discuss modalities and implementation of Project Hunar, Phase-II.
 - Meeting with Coordinators of Nodal Agencies and AAs in Regional Centre, Patna was held to discuss successful implementation of Project Hunar, Phase - II.
 - The Chairman NIOS, Secretary and other representatives of Minority Cell met the Principal Secretary, Education of Delhi State for replication of Project Hunar in Delhi.
 - Meeting with Shahi Naib Imam, Fateh Puri Masjid and Head/Scholars of renowned Madarsas for advocacy of Minority education was organised.
 - A meeting with Registrar, NEUPA and members of Sub-Committee, NMCME was organized on 21st January, 2010 in NIOS to discuss the steps taken by NIOS, to facilitate Minority Education and strengthen education of the Minorities in future.
 - A meeting was organized by NMCMEI on 4th March, 2010 to discuss how to curtail the drop out of Muslim learners. This meeting was attended by Chairman, NIOS and representative of Minority Cell.
 - Chairman, NIOS and representative of Minority Cell attended the meetings of Central Grant-In-Aid Committee held in MHRD a number of times spread over the year.
 - Representatives from Minority Cell participated in high level meetings / Seminar for development of Minority Education, organized by NEUPA from 4.11.2009 to 6.11.2009.

6. International Collaboration

6.1 Visit of President & CEO, Commonwealth of Learning

Sir John Daniel, President & CEO of Commonwealth of Learning visited NIOS on 13 November 2009. He addressed the officers of NIOS and shared his perspectives on the challenges and opportunities of Open Distance Learning (ODL) at school level. The issue of the creation of Open Educational Resources (OER) and sharing of materials by the member countries was discussed. It was proposed that before the year end a workshop on creating OER under global intellectual commons with participation from various Commonwealth Countries may be organized. Sir Daniel was joined by Dr. Sridhar, Director, Commonwealth Educational Media Centre for Asia (CEMCA) who discussed the enormous media possibilities.

6.2 International Workshop on “Monitoring and Evaluation for Open Schools”

Preparation to organise an international workshop on "Monitoring and Evaluation for Open Schools" started in December, 2009/January, 2010. The workshop was to be held in collaboration with COL to which delegates from various countries like Bangladesh, Pakistan and Srilanka and various State Open Schools of India were to be invited. It was felt that various issues and challenges being faced by the Open Schools today in India and other South Asian Countries were similar. Hence, deliberations on common issues specially in areas of Evaluation for and Monitoring of Open Schools were essential.

The outcomes envisaged for the workshop were (i) an increased understanding of Monitoring and Evaluation, (ii) ability to write indicators as pertaining to their work in open schooling and (iii) to contribute to the Monitoring and Evaluation Framework.

It was proposed that a framework on how to monitor and evaluate the activities of the open

schooling system may developed. This would enable Open Schools to emerge as quality institutions in the Asian region to achieve the goals of education for all.

This workshop was to be organised as the first programme of COMOSA as a good governance initiative.

6.3 Adolescence Education Programme

NIOS is presently engaged in implementing Adolescence Education Programme (AEP) supported by UNFPA under the Project Title: Country Programme VII –Reproductive Health.

In tandem with the recommendations of the National Curriculum Framework (NCF), 2005 which outlines that educational processes should engage learners in creating knowledge that is relevant to their experiences, promote healthy attitudes and enable them to think critically and respond to real-life situations in positive and responsible ways, UNFPA India supports the Ministry of Human Resource Development’s (MHRD) Adolescence Education Program (AEP). By building on relevant experiences of young people, the program focuses on enhancing life skills to enable young people to tackle real-life situations effectively. Against this backdrop, Adolescence Education Program (AEP) works through both co-curricular and curricular formats.

6.4 Commonwealth Open Schooling Association (COMOSA)

Inaugural Meeting

A two day inaugural meeting of the Commonwealth Open Schooling Association (COMOSA) held at New Delhi from 23 to 24 November, 2009 organized by Commonwealth of Learning adopted the Constitution of COMOSA. COMOSA is a democratic, collaborative and futuristic organization based on mutual respect and committed to support

the efforts of open schooling institutions to cooperate and collaborate in the development, promotion and introduction of innovative, high quality, relevant, equitable, gender sensitive and cost-effective programmes of school education for sustainable development in commonwealth countries through Open and Distance Learning (ODL) mode of education.



22 participants, mostly Heads of the Open schooling Institutions in Commonwealth countries from Australia, Belgium, Botswana, Canada, Cameroon, Fiji, Ghana, Guyana, Lesotho, Mozambique, Namibia, Papua New Guinea, Seychelles, Sri Lanka, Swaziland, Tanzania, Trinidad & Tobago, Zambia, Ireland, India, South Africa, and seven State Open Schools from India participated in the Inaugural Meeting and adopted the Constitution of COMOSA.

Dr. Sitansu Sekhar Jena, Chairman, NIOS, India was elected as the **First Chairperson** of COMOSA for a period of one year. Other Office Bearers of COMOSA are Ms Fancy Amey from Botswana as Vice Chairman, Ms. Lystra Samson Ovid from Trinidad & Tobago as Secretary, and Prof. Desh Bandhu Gupta from Jammu and Kashmir State Open School, India as Treasurer. It was agreed upon that the first secretariat of the COMOSA will be located at NIOS (NOIDA), India. The office bearers of COMOSA were authorized by the members who participated in the inaugural meeting to chalk out the action plan for COMOSA during the next one year. It was also resolved by the COMOSA members that possibilities for developing Open Educational Resources (OER) in Vocational Education areas may be explored with the lead role of NIOS.

COMOSA Journal of Open Schooling

One of the significant developments of COMOSA was launching of the “COMOSA Journal of Open Schooling”. This is a half yearly journal of international standard in the field of Open and Distance Learning. It was a first step towards realization of one of the envisaged roles and functions of COMOSA. This Journal provides informational inputs about the concerns, researches and new developments in Open Schooling, especially in the Commonwealth countries through papers, research articles, research reviews and book reviews.

6.5 NIOS TO DEVELOP OER FOR VOCATIONAL PROGRAMMES

The National Institute of Open Schooling (NIOS) has decided to develop Open Educational Resources (OER) for Vocational Programmes to be offered at Secondary and Sr. Secondary (+2) levels. The educational resources will not only be beneficial for the students pursuing their studies through Open and Distance Learning (ODL) system at school level but also will be accessible for millions of learners interested to develop their skills. This will also help to vocationalise the curriculum of Secondary and Sr. Secondary levels across the Boards in the country. In a workshop on OER held at New Delhi on Nov. 26-27, 2009 jointly organised by NIOS and Commonwealth of Learning (COL) with its head office at Vancouver, Canada, it was resolved that accessing good quality educational resources to build capacity of millions of learners pursuing or interested to have career in various vocations is the need of the hour to make education relevant to them. About 40 participants, including 24 participants from Commonwealth countries, across the globe participated in this workshop and deliberated on various issues on how to make vocational education relevant to school curriculum. It also focused on the issue related to ‘copyright issues’ and steps to avoid repetition in development the materials. Dr. Sitansu S. Jena, Chairman, NIOS requested the participants from various Commonwealth counties to join hands with the NIOS in the mission of vocationalising open schooling curriculum and skill development programmes as envisaged by the institute. The NIOS has been focusing on development of Equivalency and

Skill Development programmes for “Sakshar Bharat” mission under National Literacy Mission (NLM) of Govt. of India, which will benefit about 60 million illiterate women in the country through this programme. It was pointed out by the participants from various countries that this mission could only be achieved if good quality OER is developed, both print and non-print, focusing on skill development areas relevant to

the varied target groups and is made accessible to the target groups. The educational resources available in various countries could also be effectively adopted/ adapted to avoid repetition in developing the learning resources. Mrs. Frances Ferreira, Education Specialist from COL co-ordinated and led the workshop.

7. New Initiatives

7.0 Integration of Life Skill in Secondary Courses

The NIOS has instituted to work of integrating to crucial life skills in the five Secondary courses, namely Hindi, English, Mathematics, Environment Science, and Social Science in Urdu to equip adolescence take up day-to-day problems and live a balanced life. This Project, in the name of Adolescence Education Programme (AEP) is being run in collaboration with UNFPA and MHRD. The life skills will be interwoven in the courses in a way that the learning take place without increasing the load in curriculum. Simultaneously, the AEP project in also conducting capacity building workshops for various functionaries including NIOS staff, Resources persons (writer, illustrators, translators), and tutors at the study centres for effective transaction of life skills. AEP is also providing e-learning and audio-video support to the learners.

As a major initiative, the AEP is setting up a Learner's Friendly Centre at the Regional Centre Bhubneswar exclusively designed to help learners acquire life skills.

7.1 Monitoring and Evaluation for Open Schools

With the objective of capacity building of functionaries of open schools and ensure standards, and quality in Open Schooling system, the NIOS has planned the work of "Monitoring and Evaluation for Open Schooling" in collaboration with Commonwealth of Learning. A series of workshops have been planned to help open schools achieve understanding of the concept and device indicators pertaining to monitoring and evaluation.

7.2 Commonwealth Open Schooling Association

The Commonwealth Open Schooling Association (COMOSA) has been constituted as a collaborative and futuristic organization based on mutual respect which will support the efforts of open schooling

institution in the region. The COMOSA headquarter is at NIOS, India and Dr. S. S. Jena, Chairperson, NIOS is its first Chairperson. The inaugural meeting of COMOSA was held in New Delhi in November 2009 in which 22 participants, mostly heads of Open Schooling Institutions from different parts of the world participated.

7.3 100% Online Admission 24x7

The NIOS now offers 100% Online Admission round the clock both for Academic and Vocational courses. This facility has been extended to the learners so as the help them save from harassment in the hands of undesirable elements. Those who may have problems in accessing internet will be helped with their admissions by the study centres and Regional Centres.

7.4 More Regional Centres

With the objective of bridging gap between NIOS and the learner, the NIOS has planned to steadily strengthen the regional services. The NIOS has already notified the setting up of Regional Centres at Bengaluru, Gandhi Nagar, Imphal, Dehradun (Upgraded from Sub Centre), Bhubneswar (Upgraded from Sub-Centre). NIOS proposes to set up more Regional Centres at Jammu and Kashmir, Himachal Pradesh, Haryana, Chhattishgarh, Tamil Nadu, Jharkhand in the coming years. The NIOS Regional Centres provide field level services to students, study centres and public at large beside conducting the regular work admission and conduct of examination.

7.5 Model Examination Centres

The NIOS had set up model examination centres at NOIDA and Deharadun having the facility of CCTV and rigorous invigilation in order to curb malpractices and bring credibility in the examination system. The examination centre set up at the NIOS headquarters had the capacity of accommodating 1500 students at one go. The exercise will demonstrate to the examination centres, the proper way to conduct and monitor examinations.

7.6 Setting up of Libraries in Regional Centres (RCs)

The NIOS is in the process of setting up library at the RCs with a reading room facility. Primarily this facility are for the staff and resource persons but soon may be extended to the learners. These libraries will have necessary resource material and several sets of NIOS material for use.

7.7 Seven New Vocational Courses

The Vocational Education Department is working to offer as many as seven new courses in the coming sessions namely : Diploma in Operation Theatre Technician, Data Entry Operations, Diploma in Insurance Services, Diploma in Accounts, Banking and Taxation, Certificate in Ayurvedic Therapies, Diploma in Apparel Designing. The courses would meet the need and demand of market and that of learners.

7.8 NIOS Computer Training and Data Centre Inaugurated

Mrs. Frances Ferriera, Education Specialist,

Commonwealth of Learning, Vancouver, Canada inaugurated the Computer Training and Data Centre of NIOS meant specifically for the capacity building on IT of the personnel involved with the open schooling system in the country.

In order to make maximum utilization of ICT in Open Learning and under the capacity building programme, the NIOS in collaboration with Intel organised an IT Teach Programme in order to enhance and upgrade the IT skills of NIOS officials. Training was provided to 120 officials in batches of 20 for duration of 10 working days (2 weeks) for 2½ hrs per day

7.9 New Face of Website

The NIOS has revamped its website and have arranged the information, interface and link in a more systematic manner so that students, study centre staff and public at large may be comfortable in accessing it. There is a provision for regular updates of the website. A large number of people visit NIOS website to access required information. The website also provide facility for feedback and academic support.

8. Media Support

8.0 An Overview

One of the major activities of the NIOS is to make use of modern means of Communication and Educational Technology in distance learning. Audio and Video programmes are significant components of the multi-media packages offered by NIOS for various courses of study. The audio/video programmes supplement and complement the other channels of learning such as printed self learning materials and Personal Contact Programmes (PCPs). NIOS has developed Audio and Video programmes for all levels of courses i.e. Open Basic Education, Secondary, Senior Secondary and Vocational Courses. Apart from this it has also developed general programmes for Life Skills enhancement, advocacy of Open Schooling and advertisement for promotional activities.

8.1 Functions of Media Unit

- Production of Audio/Video programmes for NIOS learners.
- Broadcast and telecast of audio/video programmes on different channels.
- Production of audio/video spots for publicity.
- Production of multimedia programmes for NIOS learners.
- Duplication of audio/video programmes in audio cassettes, VCDs, DVDs and other storage media.
- Video coverage of important functions/seminars, workshops, etc.

8.2 Video Programmes

Most of the video programmes are produced in English and Hindi versions. Documentary, docu-drama and other formats are used to present topics in a simple, interesting and useful manner, so that the learners get a clear understanding and insight into the subject matter. The programme for languages are produced in Hindi, English and Urdu. The duration of video programme varies from 15 to 20 minutes. From 1st April, 2009 till 31st March 2010 a total of 13 video programmes and 3 live TV programmes

were produced. Seven video programmes on Vocational/Academic subjects are presently under development.

8.3 Audio programmes

Media Unit has produced Audio programmes and tutorials on several topics/themes from NIOS curriculum. Two Audio CDs on conducting effective Personal Contact Programmes were produced in collaboration with Adolescent Education Programme (AEP) during the year 2009-2010.

8.4 Multimedia programmes

During the year 2009-2010, 2 Multimedia programmes on Physics were completed. Four Multimedia programmes are presently under production.

8.5 Duplication of Media programmes

With an objective of making the audio/video programmes available to its learners, NIOS duplicates the programmes periodically. During the Year 2009-2010, 10,400 DVDs and 10,800 Audio CDs were duplicated in collaboration with AEP. Another 2000 CDs of Audio programmes on Carnatic Music were duplicated and made available to the enrolled learners.

8.6 Capsuling

In order to feed the available time slots for telecast of NIOS video programmes on 'Gyan Darshan' and DD-I Channel, 60 capsules of the Video Programmes were produced and sent to CIET, NCERT for telecast.

8.7 Delivery Mechanism of Audio-Video Programmes

- The video programmes were telecast on the National Channel of Doordarshan (DD-1) every Friday from 5.02 a.m. to 5.25 a.m. and on the Educational Channel Gyan Darshan everyday from 6:30 p.m to 7:00 p.m.
- The Audio programmes were broadcast on GyanVani (FM Channel) at 106.5 MHz every Friday, Saturday and Sunday from 8.30 a.m. to

8.00 a.m. and repeat broadcast from 4.30 p.m. to 5.00 p.m.

- The Audio/Video programmes produced by NIOS are sent to the Study Centers of NIOS for use in PCPs.
- The learners can avail the facility of borrowing CDs of audio/video programmes from study centers.
- The audio cassettes and VCDs of video programmes are available for sale. A comprehensive list of the audio cassettes and

VCDs is placed on NIOS Website www.nios.ac.in for the benefit of NIOS learners and others.

8.8 Video Coverage

During the year 2009-2010 the Media Unit arranged 31 video coverage of national and international programmes/workshops organized by NIOS.

8.9 Future Perspective

NIOS is planning to setup a Media centre i.e. Audio and Video studio facilities for in-house productions and a Community Radio station at the headquarter.

9. Research and Development

9.1 Background

As a national apex institute, it is the mandate of NIOS to carry out research activities in the field of open schooling. The Research and Development Cell of NIOS was created for this explicit purpose in December, 2009. However, the activities other units like the National Consortium of Open Schooling (NCOS), Planning, Monitoring and Evaluation (PME), Public Relation (PR), Open Learning Magazine and OSAC Journal were merged within this Cell. The role and function of the Research and Development Cell are as follows:

- Promotion of Research in Open Schooling.
- Planning and monitoring of the programmes of the constituents of NIOS.
- Promotion of Open Schooling through the NCOS Secretariat located in NIOS.
- Bringing out of half yearly 'Open Learning' magazine for open school learners.
- Bringing out of monthly News Bulletin of NIOS.
- Preparation of press releases on activities and programmes of NIOS and dissemination of the same to the media.

9.2 National Consortium for Open Schooling

NIOS as the largest Open Schooling system in the world, has a pivotal role to play in promotion and development of Open Schooling programme in the country. However, it is not possible for NIOS alone to cater to the needs of all regions of our multi-lingual and multi-cultural country. NIOS has, therefore, been pursuing the State Education Departments to set up



State Open Schools (SOSs) and has been providing professional and technical support to States to set up State Open Schools.

With a view to systematise interaction and mutual consultation among the Open School at national level (NIOS) and at State level (SOSs), it was considered appropriate to establish a Consortium of Open Schools. The National Consortium for Open Schooling (NCOS) was launched in September, 1997, with a view to facilitate better cooperation, coordination, collaboration and determining standards in Open and Distance Learning (ODL) system at school education level in the country. The Secretariat of NCOS is located in NIOS. The Framework of NCOS has been modified by including its Vision, Mission, Constitution and Perspective.

Enrolment in State Open Schools (SOS)

NCOS has been extending its technical and academic support to SOSs and encouraging them to widen their range of courses and coverage of learners. They, in general, have been catering to the educational needs of those who opt for regional mediums for pursuing school level courses of study. The enrolment of learners during the year 2009-10 in the SOSs was around 7 lakh.

9.2.2 Provision of various stages of education in the State Open Schools (SOSs)

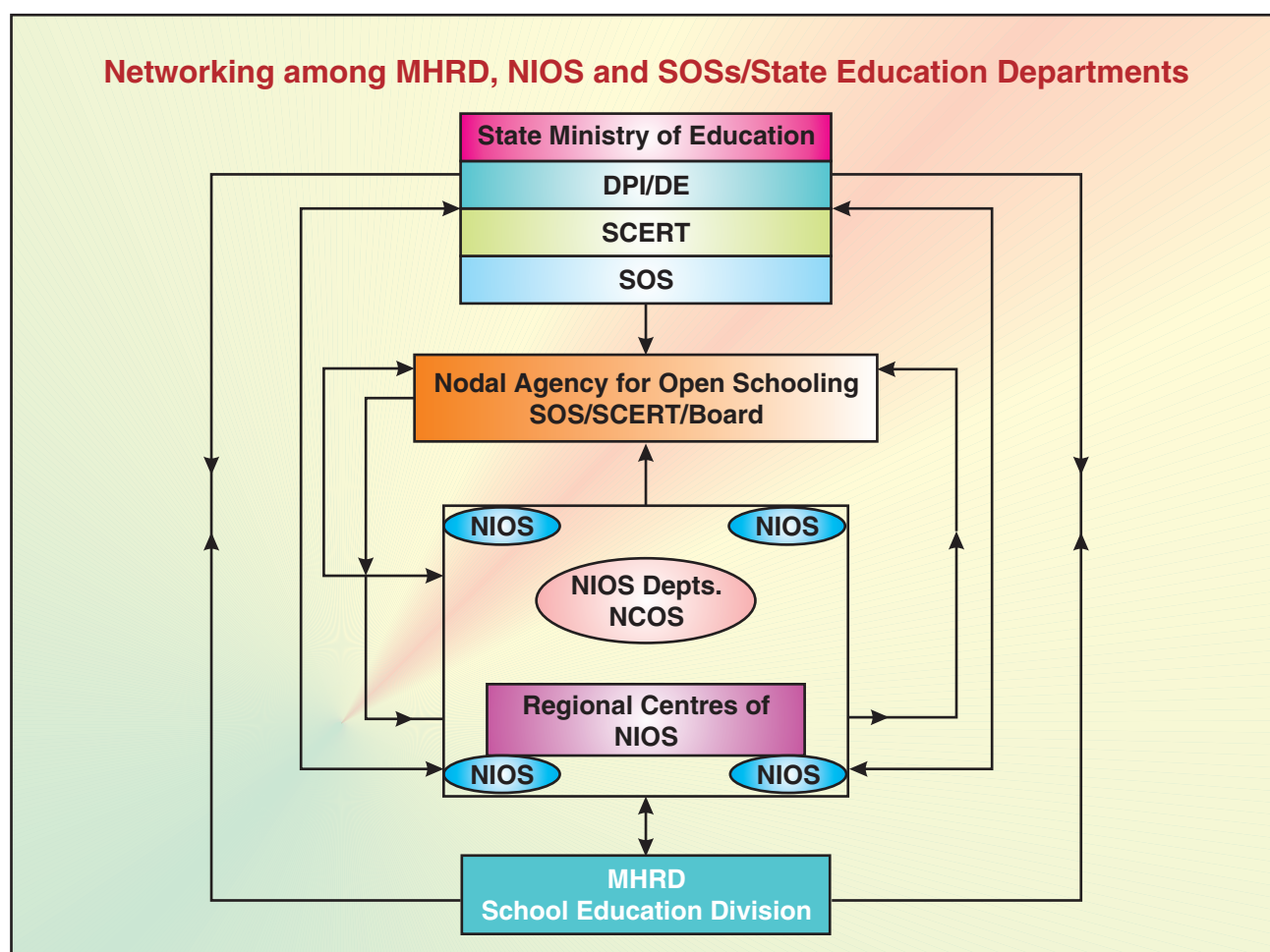
Courses Offered by SOSs (Academic Session 2009-10)

S. No.	State Open School	Ele.	Sec.	Sr. Sec.	Voc.
1.	Andhra Pradesh, Hyderabad	✓	✓	—	✓
2.	Assam, Guwahati	—	—	✓	—
3.	Chhattisgarh, Raipur	—	✓	✓	—
4.	Delhi, Delhi	—	✓	✓	—
5.	Harayana, Bhiwani	✓	✓	✓	—
6.	Jammu & Kashmir, Srinagar	—	—	—	—
7.	Karnataka, Mysore	—	✓	—	—
8.	Kerala, Thiruvananthapuram	—	—	✓	—
9.	Madhya Pradesh, Bhopal	—	✓	✓	—
10.	Punjab, Mohali	—	✓	✓	—
11.	Rajasthan, Jaipur	—	✓	✓	—
12.	Tamil Nadu, Chennai	—	—	—	—
13.	Uttar Pradesh, Allahabad	—	—	—	—
14.	West Bengal, Kolkata	✓	✓	✓	—
	Total	3	9	9	1

9.2.3 Networking in Open Schooling

A diagrammatic presentation of Networking among the Union Ministry of Human Resource Development

(MHRD), NIOS, SOSs/State Education Departments through NCOS is as follows:



9.2.4 State Open Schools in Pipeline

Efforts have been made by the NCOS to set up SOSs in the states where Open Schools not functioning in the country. Project proposals to set up SOSs have been formulated in consultation with NCOS in the States of Gujarat, Goa, Bihar, Jharkhand, Himachal Pradesh and Maharashtra. NIOS is also pursuing the States of Orissa, Tripura and Meghalaya to set up SOSs. The proposals in some States such as Himachal Pradesh and Gujarat are at advanced stage of consideration of the respective State Governments.

9.2.5 NCOS Support to Rashtriya Madhyamik Shiksha Abhiyan

The vision for secondary education under the Rashtriya Madhyamik Shiksha Abhiyan (RMSA) is to ensure universal access to secondary education and universal retention. The main focus of RMSA is to provide access to secondary education with emphasis on economically weaker sections of the society, educationally backward, girls and disabled children and other marginalized categories like SC, ST, OBC and educationally backward minorities (EBM). In order to meet the challenge of Universalisation of Secondary Education (USE), the guiding principles are: Universal Access, Equality and Social Justice. In this context, RMSA perceived the provisions for Open and Distance Learning (ODL) need to be expanded especially for those who cannot pursue full time secondary education. RMSA recognises the role that ODL can play for education of out of school children.

As suggested by the Central Advisory Board of Education (CABE) and the Planning Commission (Government of India), the open learning system is required to cater to 15 percent students at the secondary education level. The NCOS has proposed to improve its reach to all parts of the country with special focus on skill development, vocationalisation of secondary education and encompassing the presence of open learning system in the educationally backward districts of the country. The NCOS is pursuing the existing 14 State Open Schools to strengthen their infrastructure and increase enrolment.

9.2.6 Centrally Sponsored Scheme (CSS) for Promotion of Open Schooling in the Country

Taking note of the XI Plan document that the Open

Schooling programme should contribute to RMSA activities, a Centrally Sponsored Scheme for Promotion of Open Schooling programme in the country was formulated.

The Scheme was submitted to the Government of India, Ministry of Human Resource as Development (MHRD) for consideration and approval and financial assistance to the States for SOSs would help them in upscaling the Open Schooling activities in their region.

9.2.7 Vision and Mission Document of NCOS

A “Vision and Mission” Document of NCOS was developed. The document highlights the Open Schooling Perspective, NIOS Perspective, Open Schooling at State Level and the Open Schooling Consortium. This document was released by Shri Kapil Sibal, Hon’ble Union Minister of Human Resource Development, on the occasion of the Annual Meeting of the NCOS held on 15th February 2010 at the India International Centre (IIC), New Delhi.

9.2.8 Design of the NCOS Logo

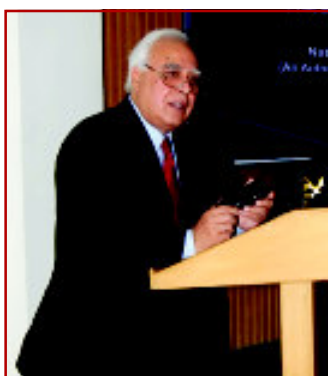
The NCOS is the consortium of all open schools and in order to give it a distinct identity the NCOS logo was designed and subsequently released by Hon’ble HRM Sh. Kapil Sibal, on 15 Feb, 2010 during the Annual meeting of NCOS.

9.2.9 Annual Meeting of NCOS

The Annual Meeting of National Consortium for Open Schooling (NCOS) was organized by the National Institute of Open Schooling (NIOS) on 15 February 2010 at the India International Centre, New Delhi. The agenda items for deliberation included:

- (i) Development of the Constitution of NCOS.
- (ii) Strategy and Planning for Promotion of Open Schooling in the context of the Rashtriya Madhyamik Shiksha Abhiyan (RMSA).
- (iii) Development of Curriculum Framework for Open Schooling based on the National Curriculum Framework (NCF), 2005.
- (iv) Formulating Policy Plan for Student Assessment:
 - Introducing Comprehensive and Continuous Evaluation (CCE)
 - Transition from Marking System to Grading System
 - Sharing of resources for Examination Reform for Open Schools

The meeting was inaugurated by Shri Kapil Sibal, Hon'ble Union Minister for Human Resource Development, Govt. of India. Expressing concern over the enormous challenge of reaching out to a large



number of out of school children at the secondary stage, the Union HRD Minister emphasized the need to upscale the Open Schooling system and said that the States should consider themselves as active stakeholders in the Open Schooling system. He opined that the option for Open Schooling should be regarded not as a poor alternative but as an effective empowering system by producing high quality materials which also needs to be continuously evaluated by outside agencies. Speaking on the importance of skill development, he advised that Open Schools should keep their vocational education programmes open to all to make the system more flexible, enabling learners to shift from academic to vocational courses and vice versa.



Presiding over the meeting, the Hon'ble Minister of State, MHRD, Smt. D. Purandeswari, lauded the efforts of NIOS for promotion of Open Schooling.



and children belonging to marginalised groups.

She advised that the NIOS should explore the feasibility of setting up a Regional Centre in every State, specifically in disadvantaged regions like Visakhapatnam particularly to take care of the enrolment of girls

Dr. S.S. Jena, Chairman, NIOS mentioned that NIOS was in the process of developing equivalency and skill development programmes to support the Sakshar Bharat Mission and reach out to neo-literates. He was of the opinion that



Open Schooling should be expanded to cater to the needs of children who have dropped out of school. In this regard, a Centrally Sponsored Scheme for Promotion of Open Schooling is under consideration, he informed.

After the days deliberations task forces were set up for:

- (i) Preparation of Plan of Action for Upscaling of the Open Schooling System
- (ii) Development of Curriculum Framework for Open Schooling
- (iii) Preparation of Framework for Evaluation System in Open Schooling

9.3 Research and Innovations

The Research Unit has been established at National Institute of Open Schooling with the following objectives:

- (i) To conduct Research Advisory Committee meetings for developing policies and frameworks for conduct of research activities.
- (ii) To conduct Workshops/Seminars to finalize the priority areas on Research in NIOS.
- (iii) To facilitate systemic/discipline based research in the Institution.

The fifth meeting of the Research Advisory Committee of NIOS was held on 20th January, 2010 with all Head of the Departments of NIOS. The Committee approved the Revised Scheme of Grant-in-Aid for Research Projects in Open Schooling (GRPOS). The Research Unit will undertake and perform the following accordingly:

- (i) Constitution of Sub Committees of the RAC for specific purposes.

The Committee authorised the Chairman, NIOS to constitute Sub-Committees on behalf of RAC as per need. The Sub-Committees of RAC may comprise of members from RAC and external experts as per need.

(ii) Finalisation of priority areas.

The priority areas should be few and focused. The topics can be finalized with the help of a Sub Committee of the RAC.

(iii) Approval of revised Scheme of Grant-in-Aid for Research Projects in Open Schooling (GRPOS) by FC and EB of NIOS.

The revised Scheme of Grant-in-Aid for Research Projects in Open Schooling (GRPOS) which has been approved by the RAC may be placed for further approval before the Finance Committee and the Executive Board in their ensuing meetings.

(iv) Presentation of the approved Research Proposals before the Sub-Committee of the RAC.

The research unit has received total six proposals for approval and out of which RAC recommended four proposals in principle. However, the RAC suggested that the details of the approved four proposals may be presented before the Sub-Committee.

(v) Identification of Research Institutions and individuals by NIOS.

NIOS proposes to create a database of research institutions and individuals interested in conducting research for NIOS.

9.4 Open Learning Magazine of NIOS

The Open Learning Magazine is published by the NIOS bi-annually. Articles in Hindi and English are published in the magazine. The magazine is mainly addressed to the NIOS learners at Secondary and Senior Secondary level with a view to help them in their academic growth and broaden their vision. The articles are expected to serve as supplementary material in addition to the course



material that is supplied to them by NIOS. During 2009-10, two issues of the magazine (January-June, 2009 and July-December, 2009) were published.

9.5 Planning, Implementation and Monitoring of Open Schooling Programmes

NIOS has formulated a detailed programme processing mechanism. The Programmes Processing Committees are as follows:

- i) Advisory Committees of the Regional Centres of NIOS (RCACs)
- ii) Advisory Boards of the Departments of NIOS (DABs)
- iii) Research Advisory Committee (RAC)
- iv) Academic Council (AC)

9.6 Preparation of document titled “Reaching the Unreached: NIOS 1989-90 to 2007-08”

NIOS has been progressing steadily since its inception. It has made significant strides in Open Schooling since 1989-90 onwards. The work done was documented. A Draft compendium titled, “Reaching the Unreached, NIOS: 1989-90 to 2007-08” was prepared and sent to the Constituents of NIOS for comments/suggestions.

9.7 NIOS News Bulletin

The programmes and activities of the Constituents of NIOS are reported in precise form in the “News Bulletin” that is brought out every month. The News Bulletin is disseminated to apex educational organisations in the country besides its internal circulation to the Constituents of NIOS. The Bulletin is also placed on the Website of NIOS for wider dissemination and use.

9.8 Public Relations

The Public Relation Officer of NIOS ensures liaison with public at large especially with perspective client groups for enlightening them about various programmes of the organisation. The Calendar of Events such as ‘Admission Dates and Procedure’, ‘Examination Schedule’, ‘Results’ etc., are intimated to learners via print media.

The highlights of new initiatives taken by NIOS and its achievements are disseminated through ‘Press Releases’ and by interacting with media. Write ups on significant programmes of NIOS are placed on its Website. Queries from students, parents etc., are suitably responded through e-mail, fax, telephone etc.

10. Information and Communication Technology

10.0 Overview

In Open Learning, the face-to-face contact is very limited and the learners are at a distance and the teaching methodology is distance education mode. In such a scenario, Open Schooling has to depend heavily on the use of Information and Communication Technology (ICT). Under the programme and activities of the NIOS, ICT is being used as a major strategy towards reaching the unreached and for management of NIOS.

10.1 Infrastructure and Areas of Application

NIOS had made a small beginning with very limited resources. It has now come a long way with the establishment of a well-equipped computer centre with various types of computers, printers and networking of latest configuration. NIOS Online is a major ICT initiative in the direction of e-Governance. Today in the arena of Web World, NIOS is playing a significant role by providing all the information and services through Internet admissions. NIOS Online provides the services through three web servers. NIOS provides communication facilities through its own mail server.

10.1.1 Student Information System

Student Information System is a powerful ERP solution developed in house to computerize all the process from Registration to issue of Certificate.

Admission 2009-10

The facility of online admission was expanded on large scale during the year 2009-10. Technical infrastructure was deployed for 90% online admission for Delhi, NCR and Chandigarh Region and 60% online admission for rest of the country. During the second phase of Online Admission, 100% admissions were done (through Online mode for October 2010 Examination.)

During the year the admission data of over 4,19,702 Students was processed which includes

2,84,521 students registered through Online mode.

10.1.2 Examinations

Pre-examination Activities (April 2009 and October 2009 Examination)

During the year, the pre-exam processing in respect of data entry of about **677 thousand** students was done both in the academic and vocational streams as against **604 thousands** during last year. The work includes data-entry of examination lists and examination forms, their verification, updation and generation of various reports for use by the examination centres for conduct of examinations. In addition, 18290 student's data of HUNAR project was also processed.

Result Processing (April 2009 and October 2009 Examination)

During April 2009 And October 2009 Examination result of about **677 thousands** students was processed. The photographs of all the successful candidates scanned at the time of admission were also printed on the certificates.

1. NIOS offers the facility of ODE to its learners every month. The result of which is processed through out the year.
2. to facilitate learners
3. The system provides

10.2 NIOS Online

10.2.1 Online Student Information System

A Single Window Student Information system regarding Online admission has been placed on the NIOS web site. Information about each learner including his performance has been given, Study Centre (AI) wise information is also included. Information regarding Admission, Tutor Marked Assignments, Course Material and Syllabus. Sample Question Papers and Previous Year's Question Papers are also hosted on this site.

10.2.2 Online Registration for Admission and Examination

During the year 2009-10, **Online Registration for Admission and Examinations** in an interactive mode of filling up all application forms and its submission was developed and deployed to facilitate admission and registration of examination.

NIOS introduced the facility of four streams of Online Admission during 2007-08 catering to the learners with different needs. Admissions in these four streams are mutually exclusive i.e., learner can opt for only one of them. **The Four Streams of Online Admission are:**

1. **(Stream-1) Online Admission for general learners:** This stream for Online Admission was open to all the learners as per the laid down criteria for Secondary and Senior Secondary levels. The admission is open round the year with cut off dates for the public examination given as under:

• Ist Block :	1 st March to 31 st August	First public examination after 1 academic year in April
• IInd block :	1 st September to 28 th February	First public examination after 1 academic year in October

2. **(Stream-2) Online Admissions for learners wanting to appear in October- November, 2009 Examinations :** This stream for On-line admission was open to all those learners who had appeared in but were unsuccessful in clearing the Public Examination of other boards having the transfer of credit facility with NIOS upto two pass subjects.
3. **(Stream 3) Online Admission for learners wanting to appear through On-Demand Examination (ODE) for Secondary course.**
4. **(Stream 4) On-line Admission for learners wanting to appear through On-Demand Examination (ODE) of NIOS for Senior Secondary course.**

The process of On Line Registration for Admission for Stream-1, Stream-3 and stream-4

are operational 24x7. In addition to the above there is provision for Online admission for Vocational Courses too.

10.2.3 New Face of NIOS Website

The domain name of NIOS website was changed from www.nos.org to www.nios.ac.in manifesting the NIOS as an academic institution. Consequently e-mail of all the officials were configured on the new domain name.

NIOS website was redesigned to make it more user friendly in terms of accessibility and usability. The home page is now better organised with many new facilities search facility as well as News and Events Section has been added. Moreover, different information has been categorized under related links, e.g. information about the profile, Mission and Vision and Objectives of NIOS have been categorized under the title about us. Information about different committees of NIOS, NIOS Publications and the information about the COMOSA has also been added. Information about the different Departments and Units and its activities has been given under the Department Section. A complete list of the NIOS Official along with their designation and contact numbers has also been given. One can also access the State wise and District wise (Academic, Vocational and OBE) list of the NIOS study Centres. Apart from this a new link 'Download Section' has also been introduced. Links for AEP, RTI, Statistical Report etc. have also been provided.



10.2.4 Computer Training and Data Centre

During the year, NIOS established a **Computer Training and Data Centre** with state of the art computers, printers, web camera, Internet connections etc. for the functionaries of Open Schooling.

The **Computer Training and Data Centre** was inaugurated by Ms. Francis Farera, COL Education Specialist and Dr. S.S. Jena, Chairman, NIOS on 25th November, 2009.

10.2.5 Training in use of ICT to NIOS officials by Intel

In order to maximise utilization of ICT in Open Learning, a capacity building programme was organized in collaboration with Intel. IT Teach Programme was organized to enhance and upgrade the IT skill of NIOS Official. The Training was provided to 120 Officials in batches of 20 officials for a duration of 10 working days (2 weeks, 2½ hrs. per day).



10.2.6 E-Accreditation

As a major e-governance initiative, during the year NIOS introduced the Online system for submission, monitoring and grant of Accreditation for Academic/Vocational/Open Basic Education Programme. The system was quite successful and during the year about 80 applications were received through online mode. Provisions were made to convert the offline application into online so that the data for accreditation was available in electronic form and all the processes right from submission of application to award of accreditation was expedited online.

10.2.7 On-Demand Examination extended to Regional Centre

Technical provisions were made for the NIOS learners Online registration for the On-Demand Examination. Earlier the ODES was conducted only at Headquarter at NOIDA and at the Regional Centre, Pune. This facility has now been extended to all the Regional Centres of NIOS.

10.2.8 Development of Question Bank for Sr.Secondary for On-Demand Examination

Question banks were developed based on the new syllabus for Senior Secondary course in *Hindi (301), Mathematics (311), Physics (312), Chemistry (313), Biology (314), Geography (316), Economics (318), Business Studies (319), Psychology (328)*. With these subjects, there were 11 subjects at Sr.Secondary level in which ODE is being conducted at the NIOS Headquarter and at the Regional Centres. A handbook was also developed for the Infrastructural Requirement and Operational Management of On-Demand Examination System at Regional Centre.

10.2.9 Learner Support Centre

Established in collaboration with NUFPA to under the Adolescence Education Programme the LSC is the LSC was equipped with 5 Executives and 1 supervisor. During the year, functioning of the Learner Support Centre was revamped in view of the large number of calls being received from the learners. The system was made operational from 9.30AM to 7.30PM supported by the Learner Support Executive without involving the IVRS information system. On an average, the LSC was addressing 150-200 calls per day per Executive. In addition the LSC is also responding to the 80-100 e-mails of the learners everyday. The system is put on the IVRS from 7.30pm to 9.30am in the morning. The executive handle a wide range of queries from admission to issues and concerns of Adolescence.

Information and queries redressal at One Call. Just Dial and Ask



Learner Support Centre

10.2.10 Online Admission for IT Essentials in Collaboration with CISCO

Under the Public Private Partnership (PPP) model, the NIOS has signed an MOU with CISCO to offer an on-line course titled “IT Essentials: PC Hardware and Software”. CISCO is a reputed international organization in the field of Information and Technology. The details of the course is available on CISCO website www.cisco.com/asiapac/academy. The registration and delivery of the course is through Online mode only and is based on user name and password for the learners. Initially during the year, a certificate course was offered through selected AVI on a pilot basis in the first phase.

10.3 Information under RTI Act

As per the RTI Act, the information has been placed

under the Link RTI act on the Home page. The status report of all the RTI applications were made available on the website.

10.4 M-Support

During the year 2009-10 the learners were provided with M-support facility. The information about the ***examination centre, examination date sheet and results*** of all individual learners were provided on the mobile phone through SMS. To seek the information students have to send SMS in the following format:

NIOS10 <Enrolment Number> for Secondary

NIOS12 <Enrolment Number> for Sr. Secondary

and send it to **5676750 , 52424, 58888, 55454, 56300, 51234**

11. Library, Documentation and Archival Services

11.1 Overview

Library cum Documentation and Archival unit of the NIOS collects, organizes and disseminate primary, secondary, and tertiary resources of information. It houses a print collection of 17,330 books, 14,710 loose issues of journals and non-print collection of 727 audio/video cassettes particularly on distance education, and various subjects offered by the NIOS on Open Basic Education, Secondary, Senior Secondary and Vocational Education Programme. It receives about 90 National/ International journals and 23 magazines, 19 Daily and 2 Weekly newspapers on subscription basis. It also receives newsletters of CBSE, COBSE, COL, DELNET, ICDL, IQF, CIIL, IGNOU, NUEPA, NCERT, NCSTC etc.

The main objective of the NIOS library-cum-documentation and archival unit is to cater to the needs of academic, non-academic staff, research scholars and other educational experts engaged in preparation of study material for the NIOS learners.

11.1 Important Activities

The NIOS Library-cum-documentation and Archival unit performs the following tasks to provide its services:-

11.1.1 Technical Processing

NIOS library uses Dewey Decimal Classification Scheme 20th Edition for classification of procured books and Anglo-American cataloguing rules for cataloguing of books and other documents procured by the library. During 2009-10 more than 340 books were classified and catalogued.

11.1.2 Scanning for Educational News

During 2009-2010, about 4350 newspapers/magazines/journals were scanned for identifying news items and articles on Education, Distance Education and particularly on NIOS and 710 news items were identified and kept for future reference.

11.1.3 Updation of Library Database

All procured books and subscribed journals are entered in the library data base and updated periodically. Data relating to issue/return of books and journals is also entered and updated.

11.1.4 The Archival Section

It collects, stores and preserves all documents published by the NIOS. All print and non print documents such as study material, newsletter, magazines, journals, Annual Reports, Prospectus, Conference Reports, and other important documents which have a significant academic and archival value for open and distance learning system are preserved. During the year 2009-10, about 200 documents were received in archival section.

11.2 Library Services

The NIOS Library provides the following services:

11.2.1 Circulation Service

It includes issue/return of items which includes books, journals, magazines, audio/video cassettes and CDs, registration of new members and issue of 'No Demand Certificate' and reminders for overdue books. During the year, about 6,700 items were issued and returned. 'No Demand Certificates' were issued to fifteen staff members. Eighty five reminders were sent to the library members to recover the overdue books.

11.2.2 Inter-Library Loan

In this service, items are made available from other libraries to the users on Inter-Library Loan, in case of non-availability of required items in the NIOS Library. More than 60 documents were made available from different Libraries through DELNET. (Developing Library Network).

11.2.3 New Additions Bulletin

Under this service list of new additions in the library which includes books, journals and other documents,

is sent through e-mail to all the officers of the NIOS to make them aware about new additions.

11.2.4 Current Awareness Service (CAS) Bulletin

It is provided on monthly basis. In this service, contents of new issues of journals are compiled in print form, and circulated to the Chairman and Heads of Department. One copy is kept for reference in the library.

11.2.5 Daily Education News Bulletin

Under this service, identified news items on education and distance education are compiled and copies of the same are made available to the Chairman and Heads of Departments. Important news items on education on NIOS and are emailed to all the NIOS officers.

11.2.6 Reference Service

It is provided on demand and in anticipation, which includes answering of queries and searches for reference. During the year, 350 queries were answered and 440 searches for documents were made for providing required information to the users. Important documents were downloaded from the Internet both on demand and in anticipation and were made available to the officers of the NIOS. Other than registered library members, seventy five additional visitors used the NIOS library for reference.

11.2.7 Referral Service

In case the required document is neither available in NIOS Library nor on Inter-Library Loan, then the user is referred to other Libraries.

11.2.8 Reprographic Service

In this On Demand service users are provided xerox copies of reference material.

11.3 Addition to the NIOS library and Archival Unit

During the year, 671 books and 12 CDs on various subjects were purchased and 48 documents were received on complimentary basis by the NIOS Library. Subscription of 76 journals, 23 magazines, 19 daily and 2 weekly newspapers was renewed for a period of one year. The Archival section received 184 CDs of NIOS from evaluation department and other printed publications during this year.

11.4 Library Automation

NIOS library uses “LIBSYS” software. It is fully integrated library system which supports all activities relating to acquisition, cataloguing, circulation and serials. The NIOS library also provides free INTERNET surfing for the members of the library.

11.5 Future Planing

NIOS library plans to strengthen libraries of the Regional Centres of NIOS. Development of webpage dedicated to library service shall be made available on the NIOS website.

12. Student Support Services

12.0 Introduction

Under the Open and Distance Learning System, learner support is of paramount importance. Such support is provided through various services to:

- help learners to learn well by providing timely and proper academic support
- facilitate learners in solving their problems through the study centres/learning centres
- coordinate and monitor establishment, working and management of the study centres.

12.1 Functions

The main functions of the Student Support Services (SSS) Department of NIOS are as follows:

- Formulation of policy and planning related to student enrollment and registration
- Advocacy and publicity of NIOS programmes
- Identification and establishment of study centres for accreditation from amongst recognized and reputed academic institutions all over the country, thereby building a network of Accredited Institutions (AIs)
- Enrolment and registration of secondary and senior secondary learners of NIOS
- Monitoring of the functioning of study centres and conduct of personal contact programmes
- Development of policy for continuous assessment of the learners through Tutor Marked Assignments (TMA)

- Coordination with the Regional Centres for timely and effective support to the learners.
- Redressal of the problems and grievances of the learners

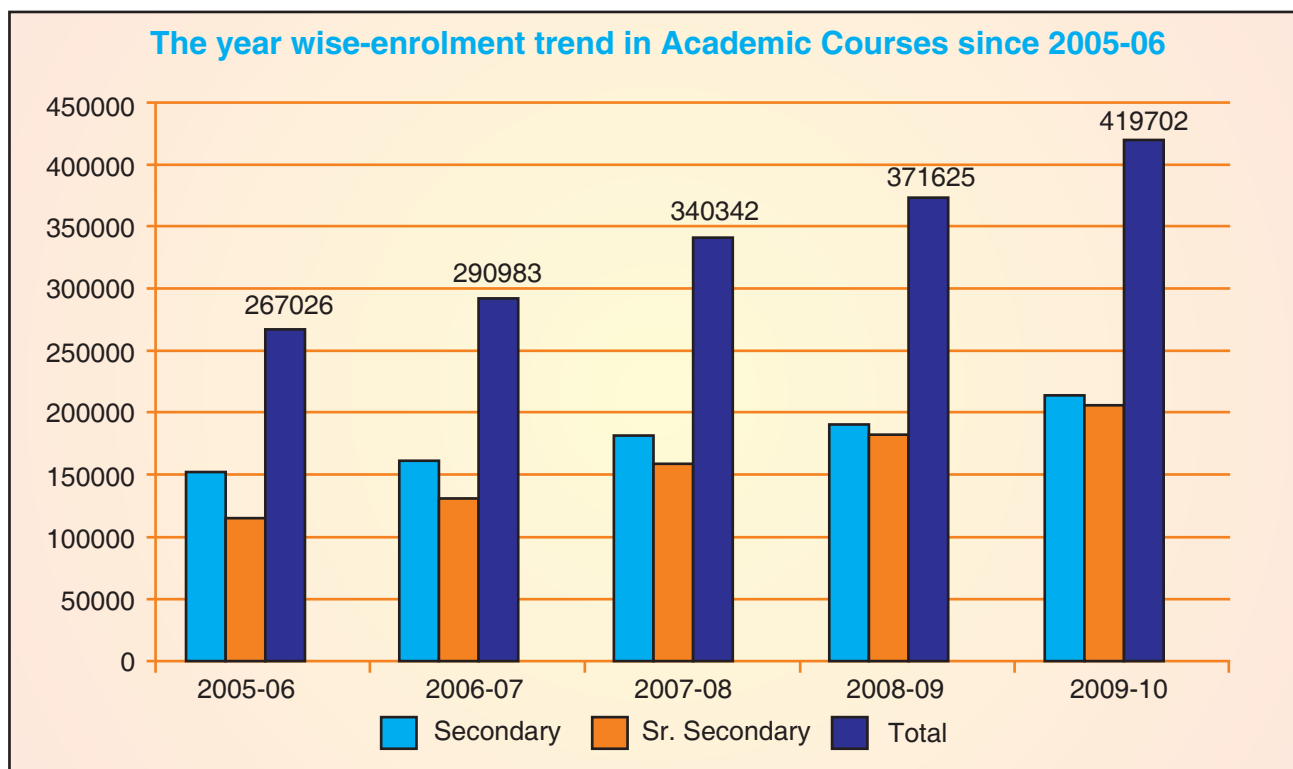
12.2 Major Policy initiatives during the year and Achievements

The major policy initiatives and achievements during the year are as under:

- To promote e-governance and to improve efficiency of NIOS in its key areas of functioning like admission, accreditation, examination and other activities. NIOS has expanded the Online admission and started **Online Admission for Stream-1 throughout the year (24 x7) and also started** accreditation process through Online and started the facility of depositing the examination fee online.
- 7.08 % Expansion of Accredited Institutions (AIs) in this period, which increased access points for learners to avail opportunities.
- Multiple mode of admission procedure viz. online and offline were adopted. 90% (Online) seats were allotted through online admission of learners in Stream-1 in Haryana, Punjab, Chandigarh, NCT Delhi and bordering Districts in Uttar Pradesh (Gautam Budh Nagar (Noida) and (Greater Noida), Ghaziabad and 60% seats were allotted through online admission in rest of the State.

Total No. of students enrolled during this year were 4,19,702. There is a rise of 13.00% from the previous years.

Following are the trends of admission during the year:



- NIOS used to dispatch study material to its Study Centres for distribution to the learners after confirmation of their admission. NIOS has now started dispatching study material to Online learners at their residential address in addition to the dispatch of study materials to the Study Centres for Offline learners.
- NIOS used to collect admission and examination fee through Cash/ Bank Drafts at its Study Centres. Now NIOS has started Easy payment facility for admission and examination fee by giving on Online 'Payment Gateway' by which the learners can deposit their fee through Credit Cards.

12.2.1 Access through Online admissions

Online Admission is now available throughout the year with two blocks. The facility of Online Admission was decentralised by establishment of a Online Cell and Facilitation Counter at all the Regional Centres of NIOS including sub-centre. All the Regional Centres were provided with necessary staff and infrastructural facilities to handle Online admissions by setting up a separate Online Cell. 90% seats were allotted for Online Admission in respect of Regional Centre Delhi and Chandigarh (except the states of Himachal Pradesh and J& K) and 60% seats were allotted in

other Regional Centres. During the year 2009-10, admission in secondary and senior secondary courses of NIOS took place in the month of July and August through a network of 2296 Accredited Institutions (AIs) commonly known as Study Centres spread all over India and abroad in Nepal and Middle East Countries (Dubai, Abu Dhabi and Kuwait). The aim of having the Study Centres outside India is to extend educational facilities through the open learning system to non-resident Indians and other nationals settled there. The total number of students (419702) admitted in the year 2009-10 through Online as well as through AIs was 2,13,337 and 2,06,365 respectively.

The salient features of On-line admissions are as follows:

- Faster and Simpler Admission: Direct access to NIOS
- Choice of Study Centre: Freedom to select Study Centre of one's choice
- Admission Open 24x7: Admission opened round the year for the learners for On Demand Examination of Secondary Course
- Better support services: Direct interaction of learners with NIOS, faster redressal of problems
- Easy Payment: Payment of fee online through Credit Card else by Bank Draft

In order to make this Ni-On Project successful and learner friendly four streams of Online admissions were introduced keeping in mind the different requirements of the learners. The admissions in different Streams of Online are mutually exclusive and the learners can only opt one of them.

In addition to the existing practice of admissions through Accredited Institutions (AIs) was continued, now rechristened as 'Off-line admissions' are in

practice.

Enrolment in Academic courses in 2009-10

The State/ Union Territory wise enrolment at Secondary and Senior Secondary level is shown in the Table 12.1 and Region-wise Enrolment in academic courses is shown in the Table 12.2.

Table 12.1 : State/Union Territory-wise Enrolment in Academic Courses 2009-10

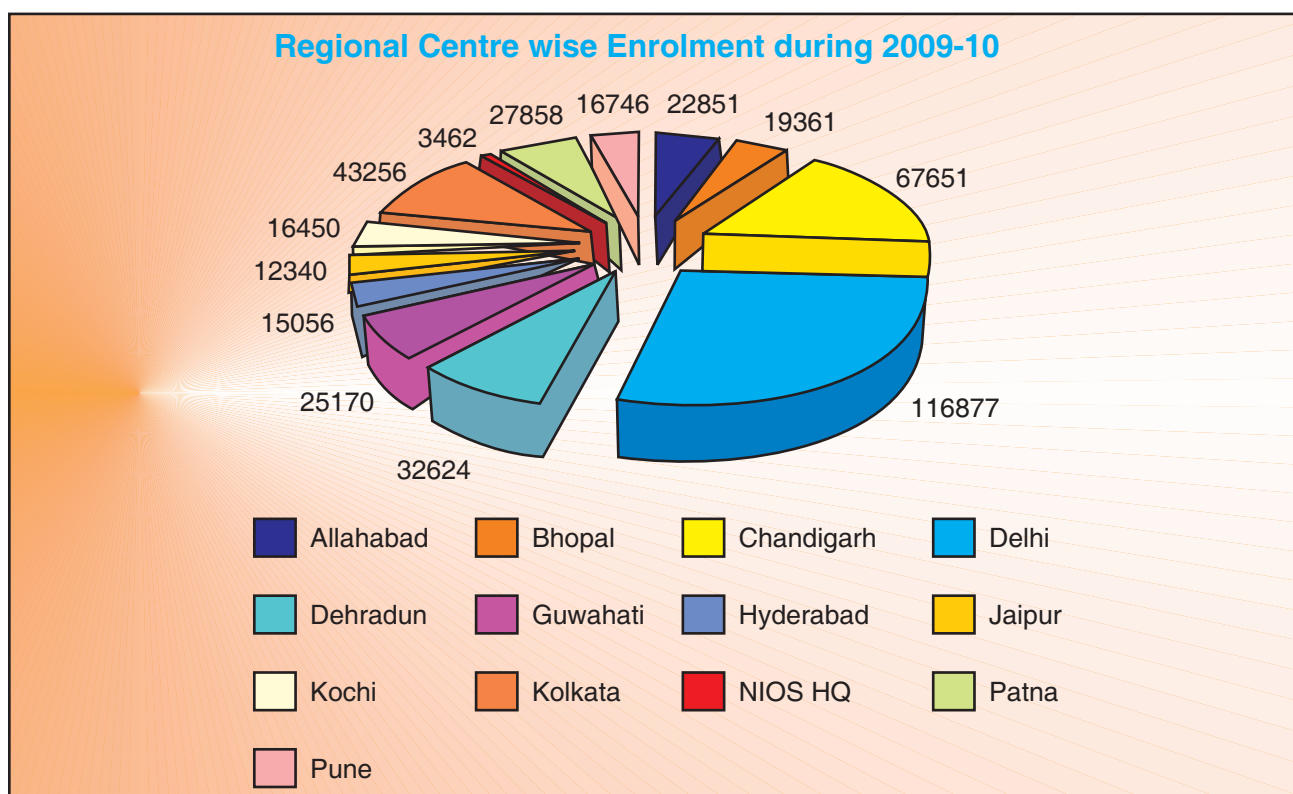
State/ Union Territory	Admission Through AI		Admission Online Stream I (For April 2010 Exam.)		Admission Online Stream I (For Oct. 2010 Exam.)		Online Stream II		TOTAL		
	Sec.	Sr. Sec	Sec.	Sr. Sec	Sec.	Sr. Sec	Sec.	Sr. Sec	Sec.	Sr. Sec	G. TOTAL
	Andaman & Nicobar Islands	1438	1309	79	73	9	32	2	0	1528	1414
Andhra Pradesh	1283	4792	276	1545	618	1984	468	1997	2645	10318	12963
Arunachal Pradesh	1619	838	687	333	39	27	0	0	2345	1198	3543
Assam	1222	942	369	668	320	185	27	81	1938	1876	3814
APO	6	80	0	0	0	1	0	0	6	81	87
Bihar	5176	6243	2924	4300	1727	1387	785	1995	10612	13925	24537
Chandigarh	331	164	895	273	200	130	11	63	1437	630	2067
Chhatisgarh	950	473	826	538	617	325	282	122	2675	1458	4133
Delhi	4848	4938	30002	28213	6456	8196	1811	2764	43117	44111	87228
Foreign Countries	920	1449	50	58	303	580	2	13	1275	2100	3375
Goa	1399	429	1374	626	191	114	1	1	2965	1170	4135
Gujarat	1063	498	440	180	98	131	93	116	1694	925	2619
Haryana	4200	3128	19060	22209	7074	7701	674	1424	31008	34462	65470
Himachal Pradesh	1685	4150	1977	4790	703	1913	102	187	4467	11040	15507
Jammu & Kashmir	486	668	223	365	87	77	0	1	796	1111	1907
Jharkhand	1450	962	244	218	178	166	10	93	1882	1439	3321
Karnataka	363	949	68	424	66	212	0	11	497	1596	2093
Kerala	4509	2919	2675	3360	473	1284	27	118	7684	7681	15365
Lakshadweep	0	16	0	0	0	0	0	0	0	16	16
Madhya Pradesh	4998	2295	2769	1248	1034	572	1715	597	10516	4712	15228
Maharashtra	6311	2709	1650	1169	359	347	10	33	8330	4258	12588
Manipur	1285	838	555	467	192	161	744	489	2776	1955	4731
Meghalaya	1481	41	23	18	213	3	1	7	1718	69	1787
Mizoram	973	795	1269	1229	580	779	26	36	2848	2839	5687
Nagaland	1382	625	555	516	634	279	73	37	2644	1457	4101
Orissa	2980	939	2807	1650	2231	934	1873	1062	9891	4585	14476
Puducherry	0	1	1	0	0	2	0	2	1	5	6
Punjab	1830	364	1246	244	401	123	41	131	3518	862	4380
Rajasthan	1829	1324	1224	1396	984	684	1505	798	5542	4202	9744
Sikkim	1040	522	529	583	56	72	0	1	1625	1178	2803
Tamil Nadu	410	383	98	96	26	40	1	9	535	528	1063
Tripura	352	181	302	168	375	127	0	2	1029	478	1507
Uttar Pradesh	7947	6791	4595	7139	1523	1947	8381	7523	22446	23400	45846
Uttarakhand	3688	3625	2611	2811	472	889	1651	1851	8422	9176	17598
West Bengal	5541	4139	5471	4275	1334	1406	579	290	12925	10110	23035
TOTAL	74995	60519	87874	91182	29573	32810	20895	21854	213337	206365	419702

During the year 2009-10, the Regional Centres admitted the following number of students through

AIIs as well as online in Streams I & II in their respective Regions as shown in Table 12.2.

Table 12.2: Regional Centre-wise Enrolment in Academic Courses 2009-10

Regional Centre and the States/UTs Covered	Enrolment		Total	Percentage
	Secondary	Sr. Secondary		
Allahabad	11105	11746	22851	5.42
Bhopal	13191	6170	19361	4.59
Chandigarh	31669	35982	67651	16.06
Delhi	55700	61177	116877	28.31
Dehradun (Sub Centre)	16737	15887	32624	7.74
Guwahati	15298	9872	25170	5.97
Hyderabad	3142	11914	15056	3.57
Jaipur	7213	5127	12340	2.93
Kochi	8220	8230	16450	3.90
Kolkata	25969	17287	43256	10.27
NIOS HQ	1281	2181	3462	0.82
Patna	12494	15364	27858	6.61
Pune	11318	5428	16746	3.97
Total	213337	206365	419702	100.00



Region-wise the highest enrolment was in Delhi Region (28.31%) followed by Chandigarh Region (16.06%)

and the Kolkata Region (10.27%).

Admission data of stream III and IV are given below.

Table 3: On-Line Admission in Academic courses in Stream III & IV (2009-10)

Online Stream	Male	Female	Total	Percentage
Stream III (Secondary Courses)	710	318	1028	46.24
Stream IV (Sr. Secondary Courses)	851	344	1195	53.76
Total	1561	662	2223	100.00

12.2.2 Academic Courses: Student's Profile

During the session 2009-10, the course-wise,

medium-wise, category-wise, gender wise, age-wise and religion-wise profiles of the learners are presented in Tables 12.3 to 12.8.

Table 12.3: Number and Percentage of Students Registered in Various Courses during 2009-10

Course	No. of Students	Percentage
Secondary	213337	51
Sr. Secondary	206365	49
Total	419 702	100

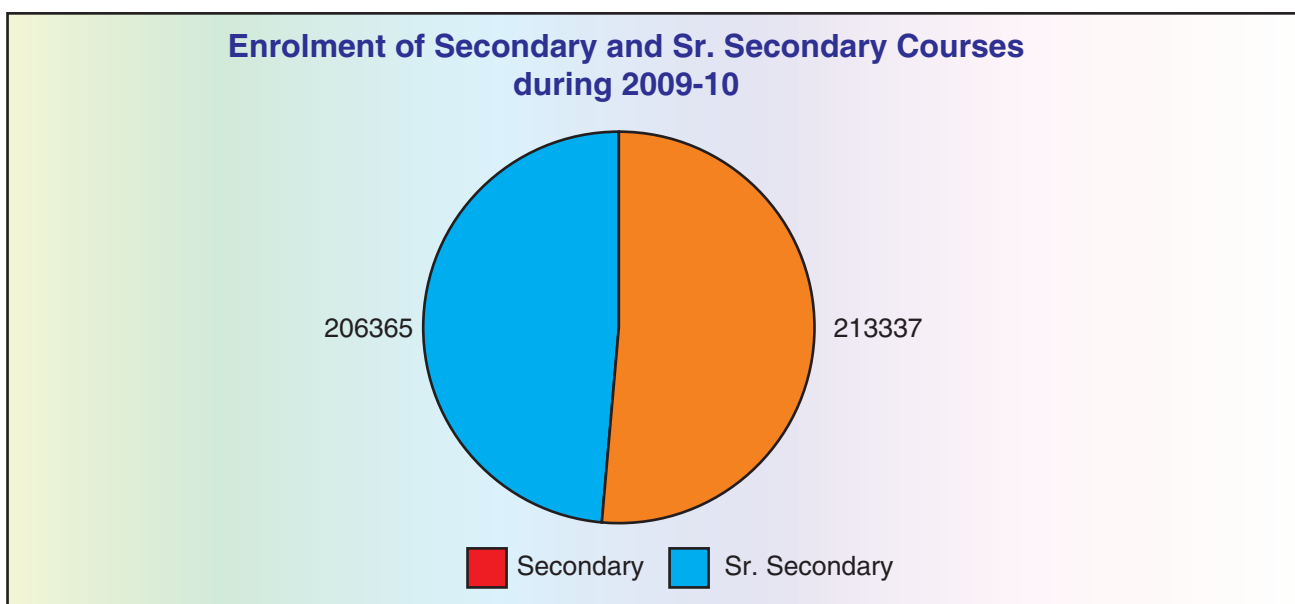


Table 12.4 : Regional Medium-wise Distribution of Enrolled Students during 2009-10

Medium	No. of Students	
	Secondary	Sr. Secondary
Telugu	1511	-
Urdu	1444	572
Marathi	1675	-
Malayalam	6651	-
Gujarati	768	-
Oriya	450	-
Total	12499	572

Table 12.5 : Category-wise Enrolment during 2009-10

S. No.	Category	Enrolment	Percentage
1	General	301936	71.94%
2	Scheduled Castes	50991	12.15%
3	Scheduled Tribes	28545	6.80%
4	Ex-Servicemen	468	0.11%
5	Handicapped	2019	0.48%
6	OBC	35743	8.52%
	Total	419702	100

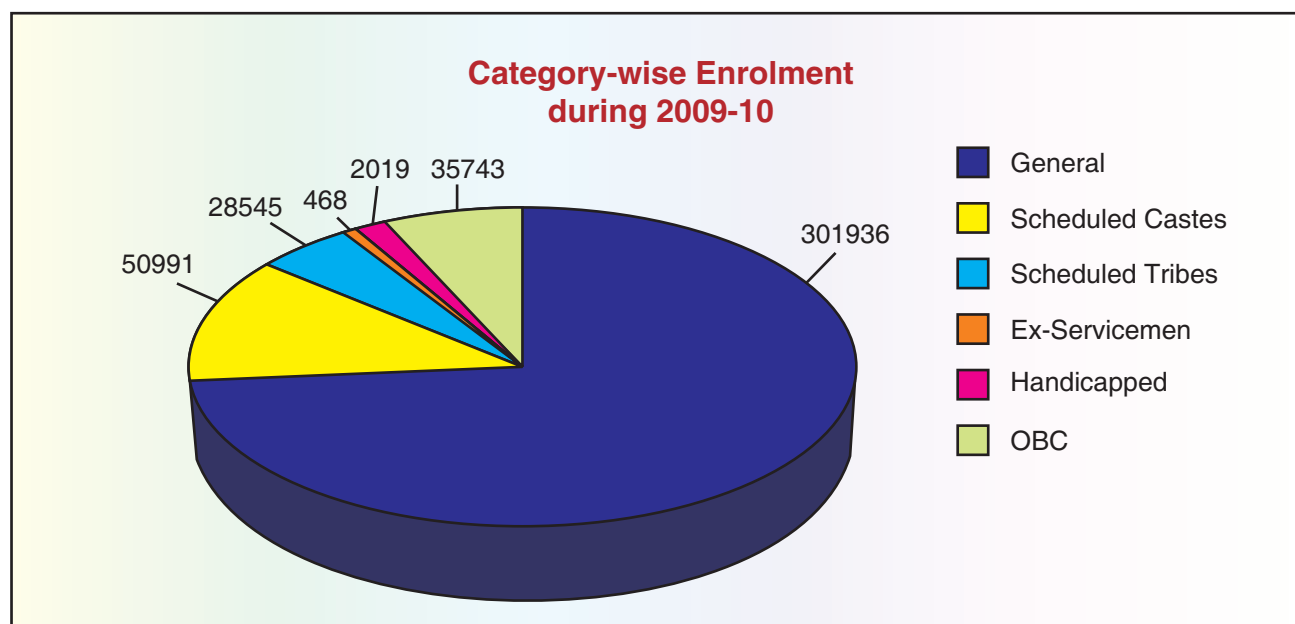


Table 12.6 Gender wise Enrolment during 2008-09

	Secondary	Sr. Secondary	Total	Percentage
Male	148329	145829	294158	70.09%
Female	65008	60536	125544	29.91%
Total	213337	206365	419702	100

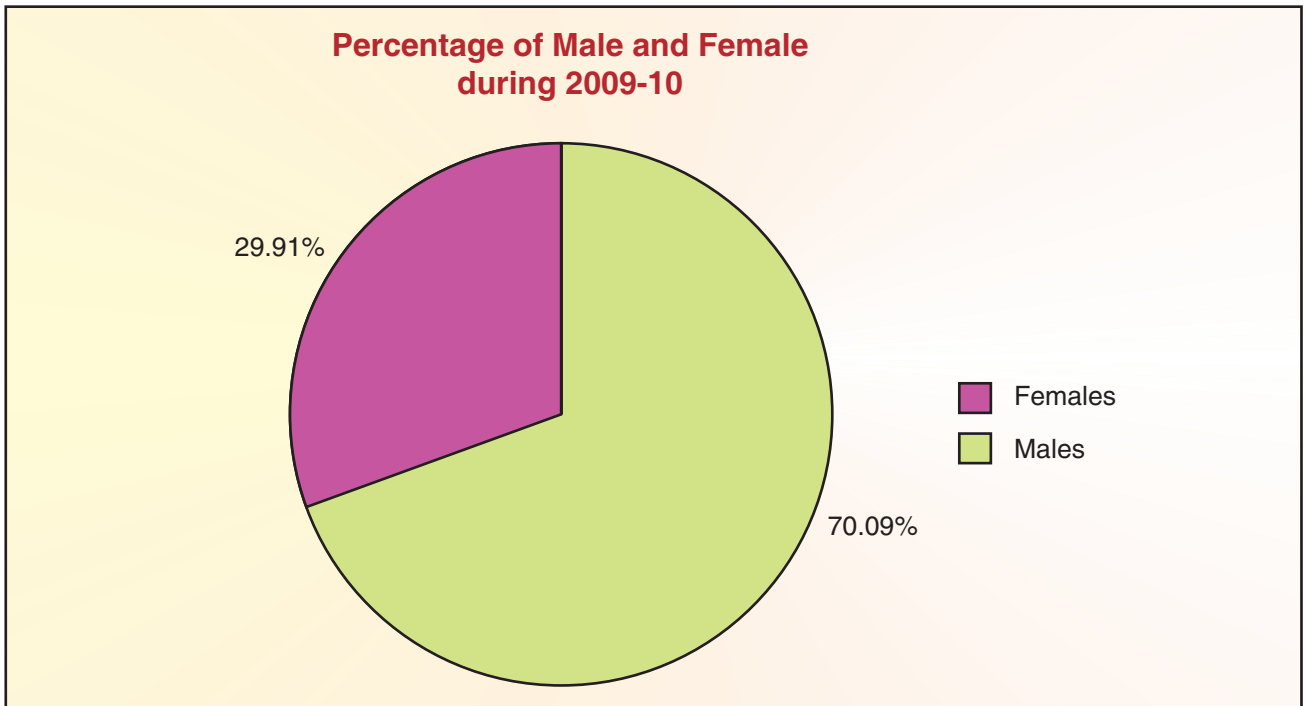


Table 12.7 Age wise distribution of student enrolment during 2009-10

Age – Range	No of learners	Percentage
Age 14-20	301533	71.84
Age 21-25	71491	16.98
Age 26-30	24202	5.75
Age 31-35	11676	2.77
Age 36-40	5816	1.38
Age 41-45	3023	0.72
Age 46-50	1372	0.33
Above 50	589	0.14
Total	419702	99.61

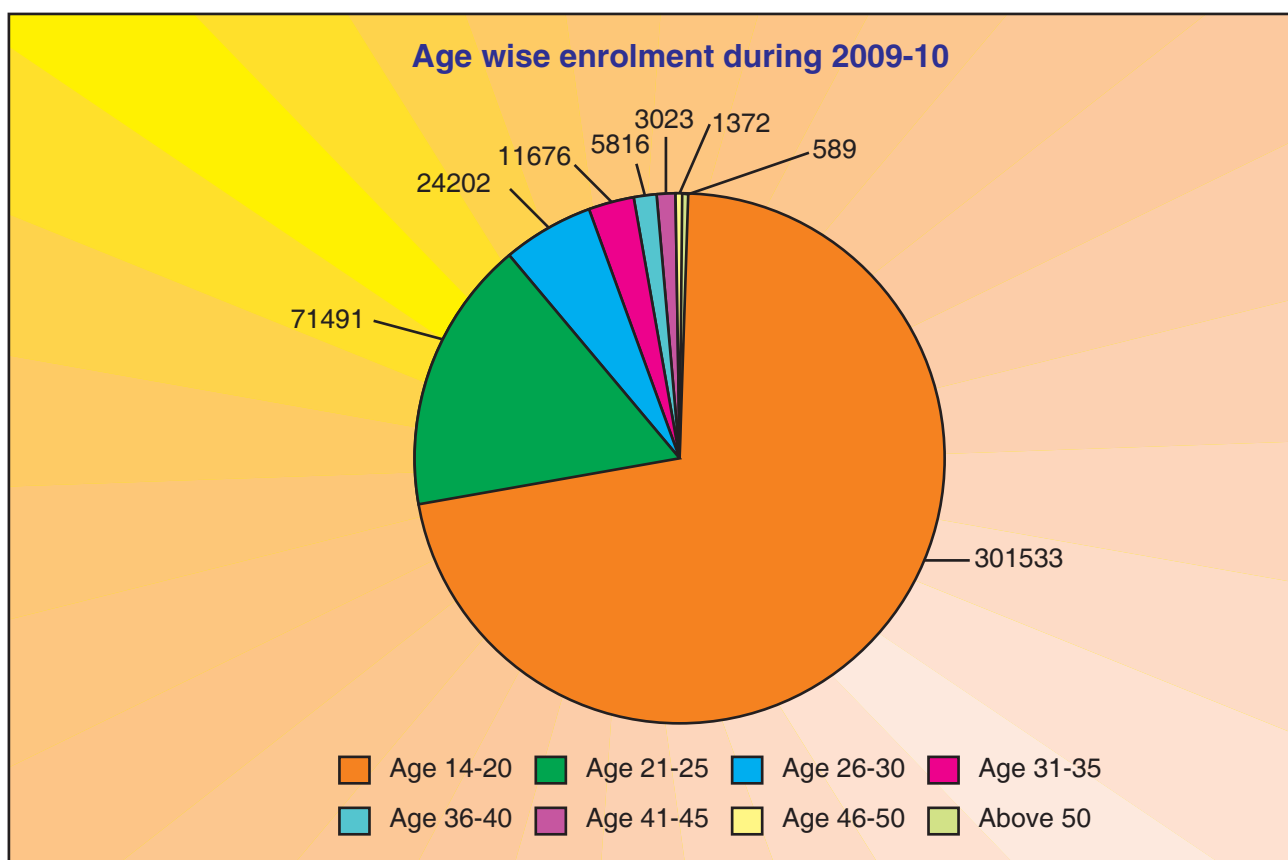
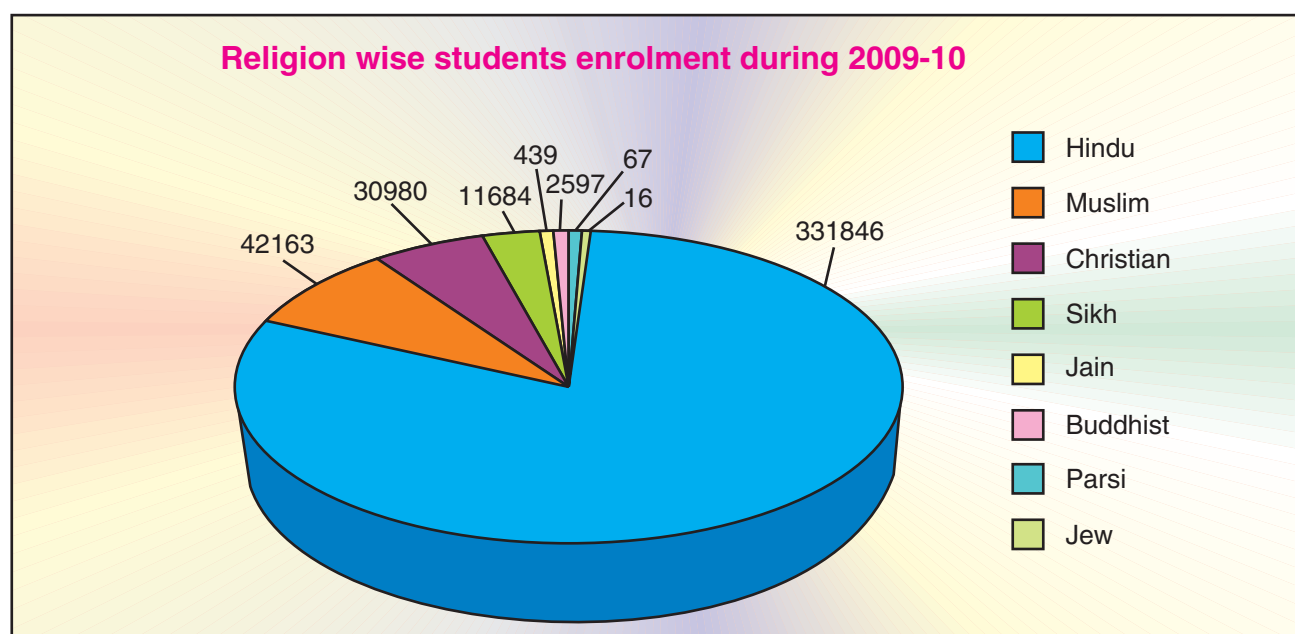


Table 12.8 Religion wise Enrolment during 2009-10

Religion	Secondary	Sr. Secondary	Total	Percentage
Hindu	165329	166517	331846	79.06
Muslim	23463	18700	42163	10.04
Christian	16916	13974	30980	7.38
Sikh	5976	5708	11684	2.78
Jain	209	230	439	0.10
Buddhist	1393	1204	2597	0.61
Parsi	37	30	67	0.02
Jews	14	02	16	.01
Total	213337	206365	419702	100



12.3 Development of Prospectus 2009-10

The Prospectus is the document through which admissions are facilitated in NIOS. The Prospectus contains the details of the Academic programmes as well as the procedure of admission. During the year 2009-10, a number of significant decisions were taken with a view to make the Prospectus more learner friendly and also ensuring that information about NIOS was available to people in the remotest part of the country.

As a prelude, an intensive exercise was carried out to review and redraft the Prospectus. It was observed that the existing Prospectus was published separately for Delhi Region, Chandigarh Region, for Guwahati

and Kolkata Region, and for Rest of India. As per practice, the application form for admission was kept separate from the Prospectus and printed on paper of a better quality so that it could be kept as record for the next 5 years. Based upon past experience wherein a number of student related problems had arisen due to wrong address given by learners it was decided to put forth a stronger policy for proof of residence. However, keeping in mind the target group of street children, nomadic populations and migrant people, some relaxations related to residence proof were made for such groups.

12.4 Revision of Standard Operating Procedure for Admission

During the year 2009-10, the Standard Operating

Procedure (SOP) for admission was revised and a number of new provisions were added to these guidelines. This manual meant for the Coordinators of the AIs indicated the important changes that had been undertaken from the academic session 2009-10. This detailed document was prepared so that the Coordinators were completely familiar with all aspects of the new initiative.

12.5 Accreditation of Institutions

NIOS as an open and distance learning institute provides planned human support in different ways from the time a learner joins the system till the end of his/her successful completion. To provide this support along with the issue of easy access, NIOS considered utilization of existing available resources to provide services by accrediting institutions as partners. Such partner institutions are called Accredited Institutions (AIs) and are spread all over the country. These AIs which function as Study Centres are usually formal schools that are recognized and affiliated to CBSE, ICSE and State Boards or reputed agencies involved in social and educational activities of disadvantaged and differently abled learners. The AIs assist NIOS in its various functions to reach out and to reach all.

Based on available infrastructure facilities and nature of the existing institutions, the AIs for Academic courses are categorized into three categories. Category-A having very good infrastructure and can enroll upto 500 students. Category-B AIs can enroll upto 300 students. Category-C AIs are allowed to enroll only upto 150 students. NIOS has Accredited Institutions for Regional mediums also like Marathi, Telugu, Gujarati, Malayalam, Oriya and Urdu.

The types of Schools/Institutions that have become partners to function as AIs of NIOS include Government Schools, Government Aided Schools, Kendriya Vidyalayas, Navodaya Vidyalayas, Public and Private Schools and Schools for children with special needs.

Accreditation of the Study Centres is done through rigorous process of screening of applications on the basis of prescribed criteria and inspection of the institutions by teams of Experts. The Principal/Vice-

Principal of the School acts as the Coordinator of the AI functioning as the Study Centre of NIOS. The core staff and teachers of the AIs work for NIOS programmes at the Study Centres in addition to their normal duties there.

As on 31st March 2010, the total number of AIs established in different parts of the country to conduct Academic Courses were 2307, which includes 41 Special Accredited Institutions for Education of the Disadvantaged (SAIEDs). The state-wise distribution of AIs as on 31.03.2010 is given in Table 12.9.

To cater to the Regional needs, several AIs were established for programme delivery through Regional mediums. These include 56 AIs in Marathi medium, 25 AIs in Telugu medium, 79 AIs in Urdu medium, 16 AIs in Gujarati medium, 49 AIs in Malayalam medium and 4 AIs in Oriya medium.

All established AI's which were found nonfunctional or were involved in malpractices were disaccredited after proper notification. 101 AIs were disaccredited in the academic year 2009-10.

12.6 Personal Contact Programme

NIOS students study at their own using self instructional material. However, while learning they do confront certain problems and need various types of help and guidance. For clarification of their doubts, NIOS conducts 30 Personal Contact Programme (PCPs) for theory subjects out of which 15 are compulsory. Five additional PCPs are allotted for subjects having practicals. These are conducted at the Study Centre on Saturdays, Sundays/other holidays or at any convenient time during weekdays.

12.7 Tutor Marked Assignments

NIOS has developed several tools and strategies for effective learning. Tutor Marked Assignment (TMA) is one of them which plays a very important role in learning through open and distance learning (ODL) mode of education. Learners are encouraged to submit the assignments at their Study Centres. These assignments are evaluated and returned to the learners along with comments and suggestions. TMAs help the learners know their progress and attainment level and develop regular study habits. The TMAs

Table 12.9: Total State-wise Distribution of AIs and SAIEDs (as on 31.03.2010)

Name of the State/U.T.	No. of AIs (including Regional Languages AIs)	No. of SAIED Sec./Sr.Sec.	Total
Andaman & Nicobar Islands	09	—	09
Andhra Pradesh	77	—	77
APO	2	—	2
Arunchal Pradesh	21	—	21
Assam	41	—	41
Bihar	319	2	321
Chandigarh	8	—	8
Chhattisgarh	21	—	21
Dadra and Nagar Haveli	—	—	—
Daman and Diu	—	—	—
Delhi	191	9	200
Goa	16	—	16
Gujarat	43	—	43
Haryana	192	2	194
Himachal Pradesh	46	—	46
Jammu & Kashmir	24	—	24
Jharkhand	51	2	53
Karnataka	21	3	24
Kerala	98	—	98
Lakshadweep	1	—	1
Madhya Pradesh	112	2	114
Maharashtra	156	1	157
Manipur	35	—	35
Meghalaya	12	—	12
Mizoram	13	—	13
Nagaland	18	—	18
Orissa	34	2	36
Puducherry	1	—	1
Punjab	68	1	69
Rajasthan	80	—	80
Sikkim	20	—	20
Tamil Nadu	28	3	31
Tripura	18	—	18
Uttar Pradesh	316	7	323
Uttarakhand	91	1	92.
West Bengal	66	4	70
Foreign Countries	16	2	18
Total	2266	41	2307

encourage learners to attend PCPs at the Study Centres thereby attempting to make them sincere and disciplined in their studies. These assignments prove useful in designing remedial and diagnostic teaching learning programmes during PCPs.

NIOS took a decision to make submission of at least one TMA out of three in each subject compulsory. There is grading system for the TMA which is shown separately in the marksheet.

The SSS Department at NIOS Headquarters coordinates the various activities related to the TMAs with the Study Centers and Regional Centres of NIOS.

12.8 Transfer of Credit (TOC)

NIOS has implemented the Transfer of Credit (TOC) scheme to motivate the ex-students of recognised Boards who could not pass their respective examination by providing credit to a maximum of two subjects as per scheme of studies of NIOS and by providing credit upto four subjects to ex-students of NIOS. To critically examine the request for TOC, a TOC Committee headed by the Regional Director is

constituted. This Committee verifies the marks from the original mark sheet and recommends eligible cases to NIOS Headquarter for approval.

12.9 Recognition of the NIOS Courses

The NIOS has been conducting examinations at all India level from the year 1991 under the authority vested in it by the Government of India. The Council of Boards of Secondary Education (COBSE) and the Association of Indian Universities (AIU) have recognized the NIOS courses as equivalent to Secondary and Senior Secondary levels for admission to institutions of higher learning as also for employment.

So far 144 Boards/Universities have recognised the NIOS courses. These include 24 Boards from 19 States/Union Territories, 111 Universities from 27 States/ Union Territories, and 9 other certifying institutions from 8 States/ Union Territories. During 2008-09, the remaining state boards were pursued and requested to accord equivalence and recognition to NIOS courses. The State-wise break up about recognition of the NIOS courses is given in Table 12.10.

Table 12.10: State-wise Break-up of the Boards/Universities/ Other Certifying Institutions recognising NIOS Courses (as on 31.03.2010)

Name of the State/U. T.	No. of Boards	No. of Universities	Other Institutions	Total Certifying Institutions
Andhra Pradesh	2	8	-	10
Arunchal Pradesh	-	1	-	1
Assam	1	2	-	3
Bihar	-	1	-	1
Jharkhand	1	4	-	5
Delhi	2	7	1	10
Goa	1	1	-	2
Gujarat	-	5	-	5
Haryana	1	5	1	7

Himachal Pradesh	1	2	-	3
Jammu & Kashmir	1	2	-	3
Karnataka	-	7	-	7
Kerala	-	5	-	5
Madhya Pradesh	1	7	1	9
Chhattisgarh	-	1	-	1
Maharashtra	1	8	1	10
Manipur	-	1	-	1
Meghalaya	1	-	-	1
Mizoram	1	-	-	1
Nagaland	1	1	-	2
Orissa	2	2	-	4
Punjab	1	4	-	5
Rajasthan	1	10	2	13
Sikkim	-	1	-	1
Tripura	1	1	-	2
Tamil Nadu	-	10	1	11
Uttar Pradesh	1	8	1	10
Uttarakhand	1	2	-	3
West Bengal	2	5	1	8
Andaman & Nicobar Islands	-	-	-	-
Chandigarh	-	-	-	-
Dadra & Nagar Haveli	-	-	-	-
Daman & Diu	-	-	-	-
Total	24	111	9	144

12.10 Orientation Programme for Coordinators of AIs

As in the past, NIOS organised Orientation Programme for the Coordinators of Study Centers (AIs) during 2009-10 also. This Programme was conducted to highlight policy and procedural changes

decided by NIOS in the functioning of study centres. Other areas of concern related to examination, administration and academic matters were also discussed to enable the Co-coordinators to function effectively. Orientation Programmes for the Coordinators of AIs were held Region wise as mentioned.

S.No.	Regional Centre	Date of Meeting
1.	Bhopal	06.02.2010
2.	Delhi	14.01.2010
3.	Kochi	19.1.2010 & 21.1.2010
4.	Pune	01.02.2010
5.	Hyderabad	8.2.2010 & 18.02.2010
6.	Patna	18.2.2010
7.	Chandigarh	18.2.2010
8.	Dehradun	22.2.2010

12.11 Academic Facilitators

In order to supplement the functioning of Regional Centres and to have better interaction with the AIs, the concept of Academic Facilitation was envisaged. Such facilitation is carried out by personnel known as Academic Facilitators.

During 2009-10, 479 Academic Facilitators (AFs) were appointed all over the country. The AFs are retired school/college principals, senior teachers and specialists in the field of education. Region wise number of Academic Facilitators appointed is given in the Table 12.11.

Table: 12.11 Region-wise Status of Academic Facilitators (AFs)

S.No.	Regional Centre	Total No. of AFs	Total No. of AIs covered by AFs
1.	Allahabad	38	82
2.	Bhopal	24	65
3.	Chandigarh	105	200
4.	Sub Centre, Dehradun	44	158
5.	Delhi	79	178
6.	Guwahati	47	92
7.	Jaipur	25	46
8.	Kochi	35	54
9.	Kolkata	30	72
10.	Patna	12	31
11.	Pune	9	16
12.	Hyderabad	31	52
	Total	479	1046

12.12 Meeting of the Regional Directors of NIOS

The Regional Centres are field level operational arms of NIOS. From time to time meetings are conducted with the Regional Directors of the Regional Centres so that all new initiatives are communicated to them. In order to have face to face discussions between Regional Directors and Officials at NIOS Headquarters, meetings of Regional Directors of

NIOS was held on 13-14 November, 2009 and 25-26 February, 2010.

The important issues like Personal Contact Programme, Tutor Marked Assignment and Accreditation were discussed in detail. The Regional Directors were given opportunity to share their experience regarding the difficulties faced in functioning of NIOS Regional Centers and the support required from the Headquarters.

13. Regional Services

13.0 Introduction

The Regional Centres of NIOS provide a vital and effective link between the Study Centres and NIOS Headquarter; between the State Governments and the NIOS Headquarter, between Study Centres and learners, between Academic Facilitators and the Study Centres and between NIOS and general public. The success of NIOS programmes and policies in a Region largely depends on the pivotal role played by its Regional Centre. Presently 11 Regional Centres are functioning in different parts of the country: Allahabad, Bhopal, Chandigarh, Delhi, Guwahati, Hyderabad, Jaipur, Kochi, Kolkata, Patna and Pune. There are three Sub-Centres at Dehradun, Bhubaneswar and Darbhanga.

In the year under review, the Executive Board in its 55th meeting approved the setting up of three new Regional Centres at Bengaluru, Gandhinagar and Imphal. The sub-centres of Dehradun and Bhubaneswar were upgraded and a new regional sub centre was approved for Visakhapatnam, thus bringing up the number of Regional Centres to sixteen and that of sub-regional centres to two.

13.1 Functions of Regional Centres

Basically, the Regional Centres are required to perform four types of activities:

1. Academic
2. Administrative
3. Promotional
4. Planning and Monitoring

A brief description of the functions generally performed by the Regional Centres under each category is given below:

1. Academic Functions

- Conducting research in the area of Open Schooling and collecting feedback on the functioning of Accredited Institutions (AIs), Regional Centre CRCs, and NIOS.
- Development of need based instructional material pertaining to the Open Schooling

courses of study including regional languages and training packages etc.

- Development and dissemination of need based audio and video programmes in the Regional languages.
- Organization of short-term training programmes for Open Schooling functionaries.
- Follow up studies of NIOS pass outs and compilation of success stories.
- Arranging lectures, exhibitions and other programmes.
- Holding meetings of Coordinators, Centre Superintendents and Academic Facilitators.

2. Administrative Functions

- Admission related activities such as sale of Prospectus, fee realization, punching and checking of admission data, sending check lists to AIs, issue of identity cards, punching and checking and verification of Transfer of Credits (TOC) cases and forwarding the same to NIOS Headquarter, change of subjects/additional subjects.
- Record keeping in respect of students' admission and examination.
- Liaison with headquarters for distribution of study material. Attending to the grievances of students/learners.
- Carrying out corrections/modification in admission data as per requirement, in liaison with headquarters.
- Organizing meetings of Transfer of Credit (TOC) Committee for verification.
- Examination related activities such as fee realization, fixation of examination centres, issuing Hall tickets to students, receipt of answer books, secrecy work spot evaluation sending award lists to headquarters, Re-evaluation etc.
- Appointment of nodal officers, observers and inspection teams for ensuring proper conduct

of examinations analysis and consolidation of observer's reports, taking follow up actions, verification of examination related bills.

- Maintenance of Secretary's Account and Regional Director's Accounts.
- Miscellaneous work related to NIOS admission, programme delivery and examination etc.
- Matters related to public relations and students' grievances.
- Ensuring that the TMAs are attempted by the candidates and are evaluated at the AIs.
- Sending TMA awards and bills to the SSS Department as per schedule and maintaining record of the same at the Regional Centre.
- Carrying out 5% sample checking of the TMAs.

3. Promotional Functions

- Identification of good schools/institutions to work as study centres.
- Accreditation related work such as inspection of schools/institutions for Accreditation, interaction with Study Centres, matters related to dis-accreditation of Study Centres.
- Advertisements regarding admission, examination and publicity of programmes.
- Identification of educational needs in Open Schooling in the region through State Coordination Committees.
- Promotion of Open Schooling in the States within the region and consultancy/assistance to the concerned states for setting up/up scaling of State Open Schools (SOSs).
- Liaison with States and Coordination and Clearing house functions in Open Schooling.
- Organization of advocacy programmes.

4. Planning and Monitoring Functions

- Preparation of Perspective Plan and Annual Plans of the Regional Centre.
- Monitoring of Implementation of programmes in the accredited institutions including Personal Contact Programmes (PCPs) and (TMAs).
- Identification and allotment of Academic Facilitators to the AIs.

- Matters related to Academic Facilitation at the Study Centres through identified Academic Facilitators etc.
- Maintenance of database of admission, AIs, Human Resource for monitoring and academic facilitation at the RC level.
- Analysing the reports of the Academic Facilitators and preparing consolidated reports on quarterly basis for necessary actions and forwarding the same to the headquarters.
- Ensuring smooth functioning of AIs/AVIs/OBE Centres.

13.2 Highlights of Programmes and Activities of Regional Centres

The highlights of programmes and activities of different RCs are presented below, excluding the routine activities.

Allahabad

1. As a mandate to popularize the education among the Minority Community, a **Minority Cell has been established** at the Regional Centre to look after the work exclusively for Minority Community. A Project Coordinator engaged for mapping different areas in Uttar Pradesh, where the NIOS schemes could be extended to the community at large. He would visit all such places and be meeting with Head of Madarsas, conducting advocacy programme and preparing them to associate with NIOS. There were about **104** no. of applications for Accreditation for NIOS Courses received from different Institutions and forwarded to the Minority Cell for further necessary action.
2. Advertisement for Promotional Activities were issued in local news papers for dates for admission, and other purposes.
3. Under the Planning and Monitoring Functions, Academic Facilitators for 2009-2010 were appointed to visit the allotted AIs and to ensure the effective conduct of PCP classes etc. 15 no. of Academic Facilitators visited the AIs and submitted reports to Regional Centre, Allahabad. The analysis of all reports has been forwarded to headquarter for perusal.
4. A detailed list containing number of existing AIs in each district under the jurisdiction of Regional

Centre was forwarded to Director (SSS). It was found that 22 districts of Allahabad Region are still un-reached.

5. Following Workshops/Meetings chaired/organized at the Regional Centre
 - Hindi Pakhwara was organized at Regional Centre. Various competitions like quiz, kavita path, storytelling were organized.
 - Attended U.P. State Open School (SOS) meeting. Course contents, Development of study materials in various subjects, sharing resources from NIOS etc were discussed in the meeting.
 - Attended Capacity Building Workshop for tutors at Lucknow under Adolescence Education Programme.
 - A one day meeting of AVIs Coordinators was organized at Allahabad. The coordinators/representatives of 35 AVIs attended the meeting.

Bhopal

- Started On-Demand Examination in the office premises w.e.f. 16/3/2010 for 20 examinees.

Chandigarh

The annual meeting of the Coordinators of AIs and AVIs along with the Academic Facilitators was held on 18th February, 2010 in Mohali-Punjab. The meeting was addressed by Chairman, Punjab School Education Board, Director (Evaluation), NIOS and Head NIOS Regional Centre, Chandigarh. The meeting was attended by 260 participants.

Delhi

- A **meeting of Coordinators of Accredited Institutions** was held on 16th December, 2009 at Shiksha Bharti Public School, Dwarka to discuss issues relating to admission and examination.
- A **Model Examination Centre** was set up at Regional Centre, Delhi to curb malpractices during the conduct of examinations.
- An **Orientation Program was conducted for Centre Superintendents** of all the Examination Centres for April/May, 2010 examinations on 27th March, 2010 at NIOS Regional Centre, Delhi at Noida.



- A **meeting was held to develop curriculum of Vocational Course** in Diploma in Insurance Services on 1st & 2nd Feb., 2010 at Embee Insurance & Brokers Limited, Sector-22, Chandigarh.

Dehradun

- One day meeting of Coordinators of AVIs was held on 20 August 2009 at Dehradun for discussing strategies to enhance enrolment in Vocational courses.
- One day meeting of Coordinators of Dehradun Region of NIOS was held on 22 Feb 2010. About 150 representatives from and western UP participated in the meeting. The need to increase enrolment at all study centres in order to meet the educational targets set by MHRD was reiterated. The Coordinators were requested to enhance advocacy of open schooling in their area by regular press releases and/or advertisements.
- A special AI (AI no. 340181) for jail inmates was established at District Jail, Dehradun from session 2009-10. The Oil and Natural Gas Company (ONGC) sponsored the admission as well as examination fee of the 30 inmates (23 males, 07 females) in secondary / senior secondary courses.
- A model examination centre was established at St. Joseph's Academy, Dehradun for the April-May 2009 exams.
- Hindi Pakhwara was celebrated at the Regional Centre

Guwahati

- A **meeting was organized for Team Leaders and Senior Evaluators** before the commencement of Spot Evaluation work.

Jaipur

- **Started On Demand Examination** from March 2010 with capacity to examine 50 students.
- **Accredited 138 Kasturba Gandhi Balika Vidyalaya** under Rajasthan Council of Elementary Education, Govt. Of Rajasthan as AVIs for Cutting & Tailoring and Dress Making courses.



Kochi

- This office has taken action for **recognition of NIOS for Secondary and Senior Secondary** courses by various Boards of Examinations of Kerala and Tamilnadu States. The Principal Secretary, General Education Department, Government of Kerala has kindly consented to conduct a detailed study of the issue and it is expected to resolve the matter in a short period.
- NIOS Regional Centre Kochi has constituted **Public Grievance & Redressal Cell and a help Desk** for information and assistance to the Stakeholders and public. All grievances are heard individually and are closely monitored at the higher level.
- **On Demand Examination was launched** at the Regional Centre from February, 2010 with a capacity of 10 students per day. During the year 25 (Secondary: 14 and Sr.Secondary:11) students appeared in ODE at this centre.
- A 3 days orientation workshop was held from 21st to 23rd January, 2010 at Kovai. 18 lesson writers including editorial team attended the workshop. Sample lesson was prepared and circulated to all. Mrs. Gowri Diwaker, PRO from NIOS Hq and RD Kochi attended this workshop.

- A 3 days workshop was held at the Kerala Agricultural University, Fisheries College, Kochi under the chairmanship of Sh Mohanakumaran Nair, Dean of the College, from 27 January to 29 January, 2010. Curriculums for two Six Months Certificate Courses in Aquaculture and in Ornamental Fish Culture have been developed during this workshop. Both these six months courses together can be offered as a one year Certificate Course in Fisheries.
- During the 3 days workshop held at the Department of Tourism, Government of Kerala under the chairmanship of Sh Mohammed MK, Principal, Ilahiya College, Kerala, on 11th and 17th to 18th February, 2010, a curriculum for a certificate course of six months duration was developed in Communicative Arabic.
- This Regional Centre conducted 4 Coordinators’ Meetings during the period. AVI Coordinators Meeting for Kerala was held on 26/10/2009 at Kochi. The meeting was graced by the presence of Dr.S S.Jena, Chairman, NIOS. Sh.Sunil Kaura, then Secretary and Mrs. Mamta Srivastava, DD (VE) were also present. In the second spell three more coordinators meeting were held. AI Coordinators’ Meeting for Kerala at Kochi on 19/1/2010 and AI Coordinators Meeting for Tamilnadu, Puducherry and Lekshadweep at Kovai on 21/1/2010 AVI Coordinators meeting for Tamil Nadu and Puducherry at Kovai was held on 22/1/2010.
- The Regional centre has identified 5000 sq.ft area of constructed space under Greater Cochin Development Authority (GCDA) for the office of the regional centre.
- **Hindi Pakhwara** was observed during 14th September to 28th September, 2009.

Patna

- **May I Help You Counter** is functioning in this Regional Centre from February, 2010. The Counter is facilitating hundred of student daily. The student seeking On Line Admission are being facilitated.
- **Data entry of complaints** is an unique experiment started in this Regional Centre. A

computer familiar student can know the status of her/his letter and correspondence.

- **On Demand Examination** was started in Regional Centre. Every week about 20 students are appearing in the examination. The number of desirous ODE examinees is increasing day by day.
- A two day **coordinators meetings of OBH for Hunar-I** was held at Haj Bhawan , Patna in the month of May, 2009. Approximately 400 coordinators from all over Bihar participants and representatives of three nodal agencies e.g. Imart- e- Shariah, Edar- e- Shariah & Rahmani Foundation took part in this meeting. Mr. Naushad Ahmad, Chairman, Minority Commission, Bihar inaugurated the meeting.
- In its endeavour to implement the recommendation of the Sachar Committee for improving educational access for the Muslim community, NIOS entered into a unique collaboration with Bihar Education Project Council (BEPC) of Govt of Bihar to provide training and upgradation of skills for Muslim Girls'. NIOS successfully completed the first phase of Hunar through Regional Centre, Patna. About 13,000 Muslim Girls were enrolled in Hunar-I and certified by the NIOS. After the successful completion of Hunar-I now the **Hunar-II programme** has been launched. In the Hunar-II the inspection work of proposed 53 Nodal Agencies and their more than 500 study centres have been completed.
- A three days **Capacity Building Workshop for Tutors under Adolescence Education Programme** was held in Patna, in which about 50 participants of different prestigious schools

took part. This was inaugurated by Vice-Chancellor Maulana Mazharul Haque Arabic-Persian University.

- A two days **meeting of AI's and AVI's Coordinators** was held at Patna on 18th and 19th February, 2010. About 400 coordinators of different AI's of Bihar and Jharkhand took part in the meeting. Simultaneously about 75 coordinators of different AVI's of Bihar and Jharkhand took part in the meeting held on and discussed their problems. A substantial number of problems were resolved on the spot by the Regional Director.

Pune

1. Maharashtra State Board of Secondary and Higher Secondary Education, Pune has signed the MoU with NIOS regarding State Open School (Maharashtra Institute of Open Education - MIOE).
2. Maharashtra State Board of Secondary and Higher Secondary Education, Pune has signed MoU for TOC facility for Maharashtra State Board students from the Session 2010-2011.
3. On Demand Examination for Sr. Secondary Course has started from February 2010 in Pune region.
4. "May I Help You Counter!" was opened at the regional centre to facilitate the learners.
5. Co-ordinator Meeting of AIs and Academic Facilitators was held on 01/02/2010 at Pune.
6. Translation work of Painting (225) Book for Secondary Course, TMA Assignments and Academic Prospectus for the Session 2010-2011 in Marathi Language was completed.

14. Measurement and Evaluation

14.0 Introduction

Measurement and evaluation is an integral component of any teaching-learning system. The Government of India in 1990 vested with NIOS the authority to examine and certify students up to pre-degree level, and thus, the NIOS became one of the National Boards of Examination. It is the only Board which conducts two full-fledged examinations every year. NIOS has been conducting its public examinations since 1991. In order to measure learner's achievement and evaluate their performance. It has conducted 39 public examinations upto the year 2009-10.

14.1 Unique Features of the NIOS Examination System

- NIOS does not have the infrastructure of its own. It shares the infrastructure and human resources of the institutions established by the public sector and private sector to conduct its examinations without disturbing their academic schedule.
- NIOS gives a lot of flexibility to the students in matters related to examination such as (no compulsion of appearing in all the subjects simultaneously) appearing in one or more subjects in the examination as per the convenience, credit accumulation of the passed subjects, nine chances to appear in the public examinations over a period of five years, and transfer of credit of two subjects passed from the other selected boards and up to four subjects from NIOS.
- A student is allowed to write answers in the examination in any of the scheduled languages of India even if he/she has not opted for that medium.
- On Demand Examination at Secondary level, and Senior Secondary level partially. A student can appear in examination any number of times as per his/her convenience.

14.2 Quality and Standard of the Question Papers

In order to provide reliability, validity and credibility to the examination system of NIOS, several in-built checks and balances have been incorporated into the system to ensure quality and standard of the question papers. The question papers were prepared on the basis of the design and blue print developed by the Academic Department and Vocational Education Department of NIOS. The paper setters were provided with the syllabus, study material, sample question papers and designs of question papers in order to facilitate preparation of balanced question papers containing short answer type, very short answer type, essay type and objective type questions based on knowledge, understanding and application skills. The sets of question papers were moderated by the concerned subject experts to ensure that questions were within syllabus; they were neither too tough nor too easy, and the marking scheme was accurate and covered all parts of questions.

Like previous year, during 2009-10 also NIOS developed five sets of question papers in all main subjects for Secondary and Sr. Secondary examinations. Question Papers for all the subjects were printed in the identified Confidential Press. These were stored and delivered from the designated Banks/Treasuries/Police Stations. Besides Hindi and English mediums, the question papers were also developed in Urdu and in other Regional mediums (Telugu, Gujarati, Marathi and Malayalam) for the purpose of conducting public examinations during 2009-10.

14.3 Orientation of the Chief Secrecy Officers and Secrecy Officers

In order to achieve the credibility of evaluation process, NIOS keeps the identity of the examinees secret. It hides the names and enrolment numbers of the candidates by allotting them fictitious numbers. These are made available to the concerned secrecy teams only. As the Chief Secrecy Officers (CSOs)

and other secrecy team members are taken from outside, they need to be orientated about the concept of fictitious numbers and their role in this regard. During 2009-10, the Department of Evaluation, organized two orientation programmes for Chief Secrecy Officers and Secrecy Officers of all the Regional Centres for April 2009 and October 2009 examinations on 31.3.2009 and 3.10.2009 respectively.

14.4 Conduct of Public Examinations during 2009-10

NIOS conducted two public examinations, one in April 2009 and other in October 2009. During the year 2009-10, 6,54,889 candidates appeared in the Academic and the Vocational Education Streams. 3,14,703 candidates appeared for the Secondary Certificate Examination, 3,17,570 candidates appeared for the Senior Secondary Certificate Examination, and 22,616 candidates appeared for Vocational Education courses through 2088 examination centres in the country as well as abroad. The April 2009 and October 2009 examinations for academic courses were held in 1197 and 894 examination centres respectively spread all over the country.

During 2009-10, 22,616 candidates appeared in various Vocational Education examinations through 341 examination centres throughout the country. During April 2009, a total of 12,192 candidates appeared in vocational examinations through 174 examination centres. 10,424 candidates appeared in October 2009 examinations through 167 examination centres.

During April 2009 and Oct 2009, examinations were conducted for the Secondary and Senior Secondary level students enrolled with the Rajasthan State Open School (RSOS). Necessary guidance was provided to the RSOS functionaries for initiating the process of centre fixation etc., for conducting public examinations. The answer scripts of the students of Rajasthan State Open School were evaluated by NIOS and the result was also processed.

NIOS entered into MOU with Delhi Government for conduct of examinations of Secondary and Senior Secondary for the students of Patrachar Vidyalaya. The first examination for them was conducted during April-2009. A total number of 4192 students enrolled

for the examination and 6 (Six) number of examination centre were fixed. During October 2009 examination 1773 students enrolled for the examinations and 4 (Four) number of centres fixed.

14.5 Monitoring and Supervision of Public Examinations

In order to ensure smooth and fair conduct of examinations, one full time Officer on Special Duty (OSD) was deputed at each of the examination centres. In addition, Flying Squad Teams were also sent to the examination centres. During 2009-10, special arrangements were made for deploying Flying Squads in the examination centres in all the Regional Centres. Assistance was sought from the State Education Agencies for ensuring smooth conduct of NIOS examinations. The Haryana School Education Board took suitable measures in this regard by deputing special teams of its officers to supervise and monitor the NIOS examinations in the State.

Detailed written guidelines were issued to the Centre Superintendents of the examination centres for taking necessary precautions to ensure smooth and fair conduct of examinations at their respective examination centres. To ensure effective supervision of examinations, two invigilators were provided in each examination room.

14.6 Standardization of Marking Schemes

With the help of the academic faculty of NIOS and the outside subject experts, the Marking Schemes of the Question Papers of 12 subjects of Secondary course and 17 subjects of Senior Secondary course for April 2009 and October 2009 examinations were standardized and finalized immediately after the question papers had been administered. The finalized Marking Schemes of different subjects were sent to the Regional Centres of NIOS by e-mail, which were used by the evaluators for evaluating the answer scripts in different subjects.

14.7 Evaluation of the Answer Books

The Team Leaders and Evaluators in different subjects evaluated the answer books at the Evaluation Centres fixed by the Regional Centres. The work was coordinated and monitored by the concerned NIOS Regional Centres; and the awards were sent to the Director (Evaluation). Finally the results were

processed and declared within four-five weeks of the close of the examination. Before finalizing, the Moderation Committee reviewed and moderated the results after having detailed and lengthy discussion.

14.8 UFM Committee Meetings

The Confidential Section of the Department of Evaluation processed the cases of unfair means (12,429 cases) detected during April 2009 and October 2009 examinations. These cases were discussed in the meeting of a high level committee. The students were given opportunity to put their viewpoints before the committee.

To consider the cases of mass copying and malpractices during April-May 2009 Secondary and Senior Secondary and Vocational Education Examinations, meetings of the Unfair Means (UFM) Committee were held on 10th, 11th, 16th, and 17st July 2009 in which 9,374 cases were considered and for the meeting of mass copying cases and malpractices

during the period of October 2009 examination were held on 5th, and 6st January 2010 in which 3,055 cases of mass copying were considered at NIOS Headquarters. The individual candidates involved in Unfair Means during the examination were called to appear before the Committee for personal hearing. The Committee considered all the cases and recommended suitable penalty in established Unfair Means cases. The students found guilty were imposed penalties and the UFM Committee exonerated a few of them as per rules.

14.9 Performance of Students in Examinations during 2009-10

14.9.1 Subject wise performance in Academic Courses

The Subject-wise pass percentage in respect of the Secondary and Senior Secondary courses is given below:

Table 14.1 Subject Wise Pass Percentage in Secondary Certificate Examination- April 2009 and October 2009 Examination

April 2009 Examination						October 2009 Examination				
S.No	Subject	Appeared	Certified	Pass %	Subject	Appeared	Certified	Pass %		
1	201 HINDI	120054	89771	74.78	201 HINDI	31897	21043	65.97		
2	202 ENGLISH	160520	95243	59.33	202 ENGLISH	54159	28272	52.20		
3	203 BENGALI	1180	676	57.29	203 BENGALI	362	153	42.27		
4	204 MARATHI	2838	2033	71.63	204 MARATHI	453	253	55.85		
5	205 TELUGU	1902	1623	85.33	205 TELUGU	620	482	77.74		
6	206 URDU	2492	1942	77.93	206 URDU	624	399	63.94		
7	207 GUJRATI	529	342	64.65	207 GUJRATI	105	63	60.00		
8	208 KANNADA	41	23	56.10	208 KANNADA	22	19	86.36		
9	209 SANSKRIT	6358	3490	54.89	209 SANSKRIT	2788	1290	46.27		
10	210 PUNJABI	5791	4390	75.81	210 PUNJABI	541	245	45.29		
11	211 MATHEMATICS	108862	49256	45.25	211 MATHEMATICS	48859	18274	37.40		
12	212 SCIENCE/SCI. &TECH.	116351	52260	44.92	212 SCIENCE/SCI. &TECH.	52636	19527	37.10		
13	213 SOCIAL SCIENCE	143310	71527	49.91	213 SOCIAL SCIENCE	56110	22438	39.99		
14	214 ECONOMICS	62282	34588	55.53	214 ECONOMICS	24302	11897	48.95		
15	215 BUSINESS STUDIES	48683	26934	55.33	215 BUSINESS STUDIES	16660	7798	46.81		
16	216 HOME SCIENCE	71522	44434	62.13	216 HOME SCIENCE	21060	10623	50.44		
17	217 TYPING(HINDI)	39	9	23.08	217 TYPING(HINDI)	10	4	40.00		
18	218 TYPING(ENG.)	384	157	40.89	218 TYPING(ENG.)	203	86	42.36		
19	219 WORD PROCESSING (ENG)	59164	46861	79.21	219 WORD PROCESSING (ENG)	15838	11859	74.88		

20	221	TYPING(URDU)	11	0	0.00	221	TYPING(URDU)	1	0	0.00
21	222	PSYCHOLOGY	8507	3511	41.27	222	PSYCHOLOGY	3723	1397	37.52
22	223	INDIAN CULTURE & HERITAGE	15918	8045	50.54	223	INDIAN CULTURE & HERITAGE	7117	3586	50.39
23	228	ASSAMESE	206	99	48.06	228	ASSAMESE	77	36	46.75
24	231	NEPALI	2143	1546	72.14	231	NEPALI	428	223	52.10
25	232	MALAYALAM	6793	4558	67.10	232	MALAYALAM	629	319	50.72
26	233	ORIYA	3375	2966	87.88	233	ORIYA	2028	1718	84.71
27	235	ARABIC	146	123	84.25	235	ARABIC	63	50	79.37
28	236	PERSIAN	7	5	71.43	236	PERSIAN	3	2	66.67
29	237	TAMIL	219	187	85.39	237	TAMIL	34	22	64.71

Table 14.2 Subject-wise Pass Percentage in Senior Secondary Certificate Examination-April 2009 and October 2009

S.No	Subject	April 2009 Examination			October 2009 Examination					
		Appeared	Certified	Pass %	Subject	Appeared	Certified	Pass %		
1	301	HINDI	114220	89444	78.31	301	HINDI	34231	22683	66.26
2	302	ENGLISH	153667	118643	77.21	302	ENGLISH	55809	39348	70.50
3	306	URDU	1800	1535	85.28	306	URDU	423	311	73.52
4	311	MATHEMATICS	47047	36279	77.11	311	MATHEMATICS	22737	14529	63.90
5	312	PHYSICS	49748	38834	78.06	312	PHYSICS	25722	16468	64.02
6	313	CHEMISTRY	47937	37631	78.50	313	CHEMISTRY	24138	15394	63.77
7	314	BIOLOGY	24327	18936	77.84	314	BIOLOGY	10913	7305	66.94
8	315	HISTORY	52978	40867	77.14	315	HISTORY	16894	12437	73.62
9	316	GEOGRAPHY	25853	19912	77.02	316	GEOGRAPHY	10250	7795	76.05
10	317	POL.SCIENCE	65933	49994	75.83	317	POL.SCIENCE	21566	15474	71.75
11	318	ECONOMICS	54445	41953	77.06	318	ECONOMICS	23733	16723	70.46
12	319	BUS.STUDIES/ COMMERCE	34293	26099	76.11	319	BUS.STUDIES/ COMMERCE	13607	9010	66.22
13	320	ACCOUNTANCY	25364	19807	78.09	320	ACCOUNTANCY	12416	8623	69.45
14	321	HOME SCIENCE	47426	36962	77.94	321	HOME SCIENCE	15225	11009	72.31
15	322	TYPING(HINDI)	36	30	83.33	322	TYPING(HINDI)	10	8	80.00
16	323	TYPING(ENG)	519	443	85.36	323	TYPING(ENG)	222	188	84.68
17	324	STENO(HINDI)	8	8	100.00	324	STENO(HINDI)	5	5	100.00
18	325	STENO(ENG)	28	23	82.14	325	STENO(ENG)	7	6	85.71
19	326	SEC.PRACTICE	1663	1509	90.74	326	SEC.PRACTICE	469	394	84.01
20	327	WORD PROCESSING (ENG)	52259	40505	77.51	327	WORD PROCESSING (ENG)	20192	11843	58.65
21	328	PSYCHOLOGY	7213	5474	75.89	328	PSYCHOLOGY	2430	1675	68.93
22	329	STENO(URDU)	1	1	100.00	329	STENO(URDU)	1	1	100.00
23	330	COMPUTER SCIENCE	12227	9570	78.27	330	COMPUTER SCIENCE	4873	3401	69.79
24	331	SOCIOLOGY	37808	28610	75.67	331	SOCIOLOGY	11097	7506	67.64
25	332	PAINTING	12844	9910	77.16	332	PAINTING	5016	2780	55.42

14.9.2 Gender-wise Performance

Total Academic Examination/Result 2009-10

Exam	Secondary		Sr. Secondary	
	Appeared	Certified	Appeared	Certified
April/May	204167	75710	204383	74157
Oct./Nov.	110536	45029	113187	40736
Total	314703	120739	317570	114893

Table 14.3 Gender-wise Performance in April 2009 Examination

Gender	Secondary			Sr. Secondary		
	Appeared	Certified	Pass %	Appeared	Certified	Pass %
Male	140773	50447	35.84	143807	50461	35.09
Female	63394	25263	39.85	60576	23696	39.12
Total	204167	75710	37.08	204383	74157	36.28

Table 14.4 Gender-wise Performance in October 2009 Examination

Gender	Secondary			Sr. Secondary		
	Appeared	Certified	Pass %	Appeared	Certified	Pass %
Male	77309	31286	40.47	81206	28739	35.39
Female	33227	13743	41.36	31981	11997	37.51
Total	110536	45029	40.74	113187	40736	35.99

14.9.3 Medium-wise Performance

During 2009-2010 at Secondary level, besides Hindi and English medium the examinations were conducted in Urdu, Telugu, Marathi, Malayalam and Gujarati

also. The number of students appeared and certified in different medium at Secondary level during April-2009 and October 2009 Examinations is given in the following tables.

Table 14.5 Medium-wise Performance at Secondary Level

Medium	April 2009 Exam			October 2009 Exam		
	Appeared	Certified	Pass %	Appeared	Certified	Pass %
Hindi	134083	47147	35.16	76226	31303	41.06
English	57855	25130	43.43	29662	11893	40.09
Marathi	1879	845	44.97	631	271	42.94
Telugu	1512	259	17.12	294	241	81.97
Urdu	1414	700	49.50	648	322	49.69
Gujarati	475	187	39.36	174	89	51.14
Malayalam	6949	1442	20.75	2901	910	31.36

During 2009-10, Senior Secondary level Examinations were conducted in Hindi, English and Urdu mediums. The data about students appeared

and certified in different mediums during April 2009 and October 2009 Examinations is given below.

Table 14.6 Medium-wise Performance at Sr. Secondary Level

Medium	April 2009 Exam			October 2009 Exam		
	Appeared	Certified	Pass %	Appeared	Certified	Pass %
Hindi	120969	40337	19.74	67198	23103	20.90
English	82908	33663	16.47	45693	17533	15.86
Urdu	506	157	0.08	296	100	0.27

14.9.4 Subject-wise Performance in Vocational Education Courses

During 2009-10, pre-exam processing of data of about 22616 students was done in vocational stream.

The photographs of the successful candidates, scanned at the time of admission, were printed on the mark sheets and certificates. The status of appeared and certified students is given below

Total Vocational Examination/Result status 2009-10

Exam	Vocational		Pass %
	Appeared	Certified	
April/May	12192	7395	60.65
Oct./Nov.	10424	6043	57.97

Table 14.7 Region-wise Result Vocational Education April-2009/October-2009

S.No	Region	April/May-2009			October/November-2009		
		Appeared	Certified	Pass %	Appeared	Certified	Pass %
1	Hyderabad	553	321	58.04	322	157	48.75
2	Pune	578	475	82.17	276	191	69.20
3	Kolkata	582	429	73.71	296	222	75.00
4	Guwahati	95	40	42.10	123	34	27.64
5	Chandigarh	2381	918	38.55	2022	1052	52.02
6	Kochi	1730	901	52.08	1191	436	36.60
7	Delhi	2703	1803	66.70	2928	1895	64.71
8	Jaipur	265	119	44.90	378	205	54.23
9	Patna	842	663	78.74	924	664	71.86
10	Allahabad	997	715	71.71	544	345	63.34
11	Bhopal	1024	809	79.00	948	638	67.29
12	Dehradun	442	202	45.70	472	204	43.22

Gender-wise Vocational Result 2009-10

	April/May-2009			October/November-2009		
Gender	Appeared	Certified	Pass %	Appeared	Certified	Pass %
Male	6282	3395	54.04	5058	2576	50.93
Female	5911	4000	67.67	5366	3467	64.61
Total	12193	7395	60.65	10424	6043	57.97

State-wise Result Vocational Education April-2009 and October-2009

		April/May-2009			October/November-2009		
STATE	State	Appeared	Certified	Pass %	Appeared	Certified	Pass %
51	Andhra Pradesh	130	91	70.00	104	75	72.12
58	Karnataka	423	230	54.37	218	82	37.61
61	Maharashtra	487	391	80.29	276	191	69.20
78	Goa	91	84	92.31	0	0	0.00
65	Orissa	305	204	66.89	71	36	50.70
72	West Bengal	277	225	81.23	225	186	82.67
52	Assam	95	40	42.11	108	30	27.78
70	Goa	0	0	0.00	15	4	26.67
55	Haryana	628	376	59.87	658	485	73.71
56	Himachal Pradesh	565	353	62.48	602	290	48.17
57	Jammu & Kashmir	249	85	34.14	156	91	58.33
66	Punjab	1074	259	24.12	800	388	48.50
75	Chandigarh	113	47	41.59	153	70	45.75
45	S.A.I.E.D	10	10	100.00	0	0	0.00
59	Kerala	1278	598	46.79	908	307	33.81
69	Tamilnadu	340	195	57.35	283	129	45.58
81	Puducherry	102	98	96.08	0	0	0.00
99	Delhi	2173	1404	64.61	2228	1429	64.14
54	Gujrat	70	28	40.00	76	49	64.47
67	Rajasthan	195	91	46.67	302	156	51.66
53	Bihar	649	543	83.67	670	516	77.01
76	Jharkhand	193	120	62.18	254	148	58.27
71	Uttar Pradesh	1555	1090	70.10	1144	648	56.64
60	Madhya Pradesh	900	691	76.78	865	568	65.66
79	Chhattisgarh	124	118	95.16	83	70	84.34
84	Uttarakhand	167	24	14.37	225	95	42.22

Subject-wise Pass Percentage in Vocational Education Examination April-2009

S.No	Subject Code	Subject Name	Appeared	Certified	Pass %
1	218	TYPEWRITING (ENGLISH)	2	2	100.00
2	252	CARPENTRY	22	13	59.09
3	255	LAUNDRY SERVICES	71	64	90.14
4	256	BAKERY & CONFECTIONARY	289	270	93.43
5	257	WELDING TECHNOLOGY	204	170	83.33
6	322	TYPE WRITING (HINDI)	4	2	50.00
7	323	TYPE WRITING (ENGLISH)	72	30	41.67
8	324	STENOGRAPHY (HINDI)	35	22	62.86
9	325	STENOGRAPHY (ENGLISH)	7	4	57.14
10	326	SECRETARIAL PRACTICE	60	46	76.67
11	327	WORD PROCESSING (ENGLISH)	192	120	62.50
12	351	PLANT PROTECTION	2	1	50.00
13	353	OYSTER MUSHROOM PROD. TECH.	2	2	100.00
14	356	HOUSE KEEPING (ACCOMMODATION SERVICE)	65	56	86.15
15	357	CATERING MANAGEMENT	256	192	75.00
16	358	FOOD PROCESSING	8	6	75.00
17	359	PLAY CENTRE MANAGEMENT	22	19	86.36
18	360	HOTEL FRONT OFFICE OPERATIONS	9	9	100.00
19	363	PRESERVATION OF FRUITS & VEGETABLES	7	1	14.29
20	401	BASICS OF HEALTH CARE	15	15	100.00
21	402	HEALTH AND ENVIRONMENT	15	15	100.00
22	403	HEALTH EDUCATION	15	15	100.00
23	404	HEALTH EXTENSION ACTIVITIES	15	15	100.00
24	412	SECRETARIAL PROCEDURES	36	31	86.11
25	413	COMPUTER APPLICATIONS IN OFFICE	37	28	75.68
26	414	BUSINESS COMMUNICATION	36	28	77.78
27	415	SHORTHAND WRITING	38	9	23.68
28	416	LEARNING THROUGH TOYS	1	1	100.00
29	417	ART OF TOY MAKING	1	1	100.00
30	418	TOY MAKING AS AN INDUSTRY	1	0	0.00
31	422	TYPE WRITING (HINDI)	19	14	73.68
32	423	TYPE WRITING (ENGLISH)	35	16	45.71
33	424	STENOGRAPHY (HINDI)	55	38	69.09
34	425	STENOGRAPHY (ENGLISH)	182	118	64.84
35	426	SECRETARIAL PRACTICE	228	186	81.58

36	427	WORD PROCESSING (ENGLISH)	193	163	84.46
37	430	ORIENTATION TO X-RAY DEPARTMENT	36	27	75.00
38	431	RADIATION PHYSICS	42	13	30.95
39	432	HUMAN ANATOMY & PHYSIOLOGY	49	8	16.33
40	433	DARK ROOM LAYOUT AND PRACTICES	17	10	58.82
41	434	REGIONAL RADIOGRAPHY AND CONTRAST MEDIA	18	1	5.56
42	435	ADVANCED IMAGING AND SPECIAL DIAG PROCEDURES	15	8	53.33
43	436	LIBRARIES: FUNCTIONS AND SERVICES	314	266	84.71
44	437	ORGANIZATION OF LIBRARY MATERIALS	306	269	87.91
45	438	RECORDS OF LIBRARY	313	273	87.22
46	439	UNDERSTANDING THE CHILD	1324	1115	84.21
47	440	EARLY CHILDHOOD CARE & EDU. PRINCIPAL & PROCESSES	1278	1063	83.18
48	441	ORGN. & MANG IN AAN EARLY CHILDHOOD CARE & EDU.CENT	1320	1113	84.32
49	445	BASIC LIFE SCIENCES	1	1	100.00
50	446	ASPECTS OF AGING	1	1	100.00
51	447	GENERAL CARE AND SPECIFIC NEEDS OF ELDERLY	1	1	100.00
52	448	YOG FOR ELDERLY	1	1	100.00
53	449	BASIC LIFE SCIENCES	58	49	84.48
54	450	MATERNAL & CHILD HEALTH CARE	58	41	70.69
55	451	PREVENTION & MANAGEMENT OF DISEASES	58	47	81.03
56	601	HOUSE WIRING & ELECTRICAL APPLIANCES REPAIRING	82	21	25.61
57	602	MOTOR & TRANSFORMER REWINDING	4	0	0.00
58	603	RADIO & TAPE RECORDER REPAIRING	1	1	100.00
59	605	CUTTING & TAILORING	401	354	88.28
60	606	DRESS MAKING	32	24	75.00
61	607	LIBRARY ATTENDANT	4	0	0.00
62	608	CERTIFICATE IN BASIC COMPUTING	291	146	50.17
63	611	PLUMBING	83	46	55.42
64	612	BEAUTY CULTURE	588	467	79.42
65	613	CERTIFICATE IN DESK TOP PUBLISHING (CDTP)	275	149	54.18
66	614	YOG	432	268	62.04
67	615	CERTIFICATE IN SECURITY SERVICES (CSS)	41	9	21.95
68	616	CERTIFICATE IN COMPUTER HARDWARE ASSEMBLY & MAINTENANCE	247	142	57.49
69	617	CERTIFICATE IN JEEVAN VIGYAN	14	4	28.57

70	622	WEB DESIGNING (THEORY)	1	0	0.00
71	626	FIRE PREVENTION & INDUSTRIAL SAFETY	30	6	20.00
72	701	HOUSE WIRING & ELECTRICAL APPLIANCES REPAIRING	1252	755	60.30
73	702	MOTOR & TRANSFORMER REWINDING	1187	624	52.57
74	703	RADIO & TAPE RECORDER REPAIRING	89	74	83.15
75	704	T.V.REPAIRING	76	72	94.74
76	705	CUTTING & TAILORING	708	658	92.94
77	706	DRESS MAKING	469	432	92.11
78	707	LIBRARY & SOCIETY & LIBRARY ORGANISATION	4	2	50.00
79	708	CLASSIFICATION CATALOGUING & LIB.ORGANISATION	4	2	50.00
80	709	REFRIGERATION	473	341	72.09
81	710	AIR CONDITIONING	332	270	81.33
82	711	BASIC COMPUTING SKILLS	1561	826	52.91
83	712	COMPUTER APPLICATIONS	1542	466	30.22
84	713	CERTIFICATE IN TWO WHEELER MECHANISM	24	16	66.67
85	716	FOOTWEAR DESIGN & PRODUCTION	11	3	27.27
86	718	INTRODUCTION TO HOMEOPATHY	4	3	75.00
87	719	INTRODUCTION TO HOMEOPATHY DISPENSING	4	4	100.00
88	723	FOUR WHEELER CHASSIS MECHANISM	19	14	73.68
89	724	FOUR WHEELER ENGINE MECHANISM	16	13	81.25
90	802	JAN SWASTHYA	1324	1089	82.25

Subject-wise Pass Percentage in Vocational Education Examination October-2009

S.No	Subject Code	Subject Name	Appeared	Certified	Pass %
1	252	CARPENTRY	9	9	100.00
2	253	SOLAR ENERGY TECHNICIAN	3	3	100.00
3	254	BIO GAS ENERGY TECHNICIAN	15	9	60.00
4	255	LAUNDRY SERVICES	27	27	100.00
5	256	BAKERY & CONFECTIONARY	100	87	87.00
6	257	WELDING TECHNOLOGY	107	100	93.46
7	322	TYPE WRITING(HINDI)	11	3	27.27
8	323	TYPE WRITING(ENGLISH)	50	23	46.00
9	324	STENOGRAPHY(HINDI)	9	3	33.33
10	325	STENOGRAPHY(ENGLISH)	6	4	66.67
11	326	SECRETARIAL PRACTICE	104	80	76.92
12	327	WORD PROCESSING(ENGLISH)	49	31	63.27
13	351	PLANT PROTECTION	13	8	61.54
14	353	OYSTER MUSHROOM PROD. TECH.	14	14	100.00

15	356	HOUSE KEEPING (ACCOMMODATION SERVICE)	26	19	73.08
16	357	CATERING MANAGEMENT	110	79	71.82
17	360	HOTEL FRONT OFFICE OPERATIONS	4	3	75.00
18	363	PRESERVATION OF FRUITS & VEGETABLES	5	2	40.00
19	401	BASICS OF HEALTH CARE	5	5	100.00
20	402	HEALTH AND ENVIRONMENT	5	5	100.00
21	403	HEALTH EDUCATION	5	5	100.00
22	404	HEALTH EXTENSION ACTIVITIES	5	5	100.00
23	412	SECRETARIAL PROCEDURES	15	8	53.33
24	413	COMPUTER APPLICATIONS IN OFFICE	14	8	57.14
25	414	BUSINESS COMMUNICATION	18	10	55.56
26	415	SHORTHAND WRITING	18	1	5.56
27	418	TOY MAKING AS AN INDUSTRY	1	1	100.00
28	422	TYPE WRITING (HINDI)	11	4	36.36
29	423	TYPE WRITING (ENGLISH)	21	10	47.62
30	424	STENOGRAPHY (HINDI)	10	3	30.00
31	425	STENOGRAPHY (ENGLISH)	66	44	66.67
32	426	SECRETARIAL PRACTICE	57	39	68.42
33	427	WORD PROCESSING (ENGLISH)	30	23	76.67
34	430	ORIENTATION TO X-RAY DEPARTMENT	30	14	46.67
35	431	RADIATION PHYSICS	42	16	38.10
36	432	HUMAN ANATOMY & PHYSIOLOGY	52	8	15.38
37	433	DARK ROOM LAYOUT AND PRACTICES	44	20	45.45
38	434	REGIONAL RADIOGRAPHY AND CONTRAST MEDIA	52	19	36.54
39	435	ADVANCED IMAGING AND SPECIAL DIAG PROCEDURES	43	16	37.21
40	436	LIBRARIES: FUNCTIONS AND SERVICES	363	315	86.78
41	437	ORGANIZATION OF LIBRARY MATERIALS	358	324	90.50
42	438	RECORDS OF LIBRARY	352	314	89.20
43	439	UNDERSTANDING THE CHILD	1119	831	74.26
44	440	EARLY CHILDHOOD CARE & EDU. PRINCIPAL & PROCESSES	1105	857	77.56
44	441	ORGN. & MANGNG AN EARLY CHILDHOOD CARE & EDU. CENT	1103	842	76.34
45	442	HOME & HEALTH	41	23	56.10
46	443	AGRICULTURE (INCLUD. ANIMAL HUSBANDRY & POULTR)	44	23	52.27
47	444	MECHANICS, ENERGY & ENVIRONMENT	42	38	90.48
48	445	BASIC LIFE SCIENCES	24	19	79.17
49	446	ASPECTS OF AGING	24	18	75.00
50	447	GENERAL CARE AND SPECIFIC NEEDS OF ELDERLY	24	19	79.17

51	448	YOGFORELDERLY	24	16	66.67
52	449	BASIC LIFE SCIENCES	113	98	86.73
53	450	MATERNAL & CHILD HEALTH CARE	106	97	91.51
54	451	PREVENTION & MANAGEMENT OF DISEASES	101	83	82.18
55	601	HOUSE WIRING & ELECTRICAL APPLIANCES REPAIRING	23	8	34.78
56	602	MOTOR & TRANSFORMER REWINDING	15	3	20.00
57	605	CUTTING & TAILORING	446	329	73.77
58	606	DRESS MAKING	93	70	75.27
59	607	LIBRARY ATTENDANT	1	1	100.00
60	608	CERTIFICATE IN BASIC COMPUTING	375	195	52.00
61	611	PLUMBING	14	12	85.71
62	612	BEAUTY CULTURE	654	563	86.09
63	613	CERTIFICATE IN DESK TOP PUBLISHING (CDTP)	151	45	29.80
64	614	YOG	264	145	54.92
65	615	CERTIFICATE IN SECURITY SERVICES (CSS)	116	16	13.79
66	616	CERTIFICATE IN COMPUTER HARDWARE ASSEMBLY & MAINTENANCE	224	141	62.95
67	626	FIRE PREVENTION & INDUSTRIAL SAFETY	6	5	83.33
68	628	CERTIFICATE IN INDIAN EMBROIDERY	2	1	50.00
69	701	HOUSE WIRING & ELECTRICAL APPLIANCES REPAIRING	840	482	57.38
70	702	MOTOR & TRANSFORMER REWINDING	904	481	53.21
71	703	RADIO & TAPE RECORDER REPAIRING	52	37	71.15
72	704	T.V. REPAIRING	41	30	73.17
73	705	CUTTING & TAILORING	535	496	92.71
74	706	DRESS MAKING	658	622	94.53
75	707	LIBRARY & SOCIETY & LIBRARY ORGANISATION	6	4	66.67
76	708	CLASSIFICATION CATALOGUING & LIB. ORGANISATION	7	6	85.71
77	709	REFRIGERATION	255	211	82.75
78	710	AIR CONDITIONING	304	266	87.50
79	711	BASIC COMPUTING SKILLS	1364	705	51.69
80	712	COMPUTER APPLICATIONS	1511	329	21.77
81	713	CERTIFICATE IN TWO WHEELER MECHANISM	11	6	54.55
82	716	FOOTWEAR DESIGN & PRODUCTION	3	3	100.00
83	718	INTRODUCTION TO HOMEOPATHY	58	34	58.62
84	719	INTRODUCTION TO HOMEOPATHY DISPENSING	58	45	77.59
85	723	FOUR WHEELER CHASSIS MECHANISM	50	22	44.00
86	724	FOUR WHEELER ENGINE MECHANISM	6	1	16.67
87	802	JAN SWASTHYA	1210	866	71.57

14.10 Region-wise Result Status

Table 14.8 Region-wise Result April-2009 Examination

Region	Secondary			Sr. Secondary		
	Appeared	Certified	Pass %	Appeared	Certified	Pass %
HYDERABAD	2636	807	30.61	7180	4968	69.19
PUNE	14607	5651	38.69	7181	2430	33.84
KOLKATA	20913	10394	49.70	15791	6821	43.20
GUWAHATI	14697	5781	39.33	10819	3486	32.22
CHANDIGARH	38218	12408	32.47	40853	12471	30.53
KOCHI	8505	2072	24.36	5821	1300	22.33
DELHI	55451	16886	30.45	64330	19967	31.04
NIOS HQ	898	346	38.53	1717	717	41.76
JAIPUR	8082	2513	31.09	4889	1670	34.16
PATNA	9062	4277	47.20	18189	10134	55.71
ALLAHABAD	7018	3749	53.41	9017	4132	45.82
BHOPAL	9759	4619	47.33	4283	1591	37.15
DEHRADUN	14320	6207	43.34	14313	4470	31.23
TOTAL	204167	75710	37.08	204383	74157	36.28

Region-wise Result October-2009 Examination

Region	Secondary			Sr. Secondary		
	Appeared	Certified	Pass %	Appeared	Certified	Pass %
HYDERABAD	1016	521	51.28	3953	1944	49.17
PUNE	5797	1924	33.19	2890	788	27.26
KOLKATA	11887	4827	40.60	8924	2754	30.86
GUWAHATI	8082	2795	34.58	5825	2235	38.36
CHANDIGARH	18072	6349	35.13	21396	7052	32.95
KOCHI	3643	1140	31.29	2982	708	23.74
DELHI	29177	10310	35.33	36560	12125	33.16
NIOS HQ	314	109	34.17	610	247	40.49
JAIPUR	4821	2296	47.62	2871	1118	38.94
PATNA	2727	1557	57.09	6029	3688	61.17
ALLAHABAD	6832	3875	56.71	7774	3852	49.55
BHOPAL	6415	2748	42.83	3075	993	32.29
DEHRADUN	11753	6578	55.96	10298	3232	31.38
TOTAL	110536	45029	40.73	113187	40736	35.99

14.11 On-Demand Examination System (ODES)

NIOS conducts On Demand Examinations at Secondary level and Sr. Secondary level (partially). Under the scheme of On-Demand Examinations, a

learner can register online and seek date of her/his choice as per the capacity of the testing centre. On the given date the learner can walk into the identified Testing Centre of NIOS and can appear in examination in registered subject.

The On Demand Examinations at Secondary and Senior Secondary level were conducted by NIOS in the following subjects:

Secondary Course: Hindi, English, Sanskrit, Mathematics, Science, Social Science, Economics, Commerce, Home Science, Word Processing and Psychology.

Senior Secondary Course: Mathematics, Physics, Commerce, Hindi, Home Science and Political Science. The question bank for conducting On Demand Examination in the remaining subjects is being developed.

The On Demand Examinations at the Secondary and Senior Secondary stages were conducted at the NIOS Headquarters from Tuesday to Friday (except on public holidays) with a capacity of 130 students per day and at NIOS Regional Centre Pune, Hyderabad, Kochi, Patna, Bhopal, Jaipur and Kolkata with capacity to accommodate students ranging from ten to fifty students depending upon the existing available infrastructure for conduct of On Demand Examination. The practical examinations are conducted on Fridays and Saturdays at designated CBSE centres.

To meet the demand of candidates for On Demand Examination, the frequency of On Demand Examination was increased from three to four times a week. To facilitate the candidates, On Line Registration of On Demand Candidates was introduced and manual registration was stopped.

This scheme of On Demand Examination has been decentralized to all the Regional Offices of NIOS with the effect from March, 2010.

**Number of students Appeared under
On Demand Examination
(From 1st April 2009 to till 31st March 2010)**

Secondary Course

S.No	Subject	Appeared
1	Hindi	887
2	English	1292
3	Sanskrit	47
4	Mathematics	1243
5	Science & Technology	1361

6	Social Science	1229
7	Economics	692
8	Business Studies	660
9	Home Science	709
10	Word Processing	630
11	Psychology	107
	Total students	8857

Senior Secondary Course

S.No	Subject	Appeared
1	Mathematics	1266
2	Physics	967
3	Business Studies	747
4	Hindi	1126
5	Home Science	792
6	Political Science	776
	Total Students	5674

14.12 Hunar Project

In partnership with Bihar State Government, Project HUNAR was launched. Under this project the Muslim minority girl children were to be trained in vocational trades free of cost, tested and certified. The Evaluation Deptt. conducted first phase of examination under this project on 13.6.2009 in seven vocational trades covering 37 districts of the State. A total of 13,768 students were enrolled for this examination.

The second phase of (supplementary) examinations of students was conducted on 12.12.2009 covering 37 districts. A total of 4532 students enrolled for this examinations.

On successful execution of the Project, the Bihar Govt. has requested NIOS to test and certify students of new batch admitted under HUNAR Project-Phase-II. It is expected that a total of about 65,000 students will be covered and testing will be done in nine vocational trades under Phase-II of the project. Besides Muslim minority girl children, children from SC/ST and backward communities will also get the benefit of certification.

15. Administration and Accounts

15.0 Introduction

The Administration Department of NIOS, headed by Secretary, looks after the matters related to (i) Memorandum of Association of NOS Society, (ii) Constitution of various committees of NIOS and organization of meetings of apex committees, (iii) matters related to personnel, (vi) legal matters, (v) budgets/Accounts, (vi) production and distribution of materials, (vii) purchase and supply of equipment, (viii) maintenance, (ix) promotion of Hindi (Raj Bhasha), (x) Annual Report, (xi) Parliament Questions etc. The programmes and activities of the Administration Department of NIOS during the year 2009-10 are as follows:-

15.1.1 Relinquishing & Assuming the charge of Chairman

- Shri D.S.Bist relinquished the charge of Chairman & Secretary on 02nd September, 2009
- Dr. S.S. Jena, Project Director, DEP-SSA, IGNOU has assumed the charge of Chairman, NIOS w.e.f. 04th September, 2009.

15.1.2 Promotion

21 officers/ officials of NIOS were promoted on adhoc basis w.e.f. 06th July, 2009.

15.1.3 Compulsory Retirement from service

Following officers/officials were compulsorily retired from the services of NIOS:

- 1) Sh. S.S. Duggal, Academic Officer.
- 2) Smt. Vandana Malik, Library Assistant.

15.1.4 Resignation

Sh. Vipin Kumar, Assistant has resigned from the services of the NIOS w.e.f. 22nd March, 2010.

15.1.5 Repatriation

Following Officers were on deputation in NIOS and repatriated to their parent departments during the year from the date mentioned against each:

S. No.	Name and Designation	Repatriated w.e.f.
1.	Sh. C. Nilap Assistant Director	31-08-2009
2.	Sh. Prabir Chaudhari Assistant Director	06-11-2009
3.	Smt. Archana Kaul Magazine Assistant Director	25-02-2010
4.	Sh. Murshed Zaman Section Officer	26-03-2010

15.1.6 Retained lien in NIOS

Following officers upon their selection have retained their lien in NIOS:

1. Dr. R.S.P.Singh, Assistant Director proceeded to join in IGNOU and kept two years lien in NIOS w.e.f. 30-06-2009
2. Shri Y.S.Kataria, Section Officer proceeded to join in GGIPU and kept one year lien in NIOS w.e.f. 31-03-2010

15.1.7 Training

1. Shri S. Mahendran, Supdt. underwent training in the Integrated Training and Policy, New Delhi in the subject of Revised Pay Rules 2008 for 3 days in the month of September 2009.
2. Ms. Nishu Saini, S.O. attended training at ISTM on Administrative vigilance from 9th to 20th November 2009.

15.1.8 Parliament Unit

Parliament Unit coordinated with different Departments of NIOS in order to provide information to MHRD during the Parliament Session. To ensure prompt, correct and timely information, Nodal Officers were designated within each Department and reply of 7 Parliament Questions were sent to MHRD.

15.1.9 Opening/upgradation of Regional Centres & Regional sub-Centres

The Executive Board in its 55th meeting held on 22nd March, 2010 approved for setting up of following Regional Centres & Regional Sub Centre of NIOS:

Regional Centres

- Bengaluru
- Gandhi Nagar
- Imphal
- Dehradun (upgraded)
- Bhubaneswar (upgraded)

Regional sub-Centre

- Vishakhapatnam

15.1.10 Coordination with MHRD

- A proposal in r/o MACP was submitted to MHRD for its implementation for the employees of NIOS.
- A proposal for upgradation of grade pay of Heads of the Departments from present Rs.8700 p.m. to Rs. 9000 p.m. was submitted to MHRD.
- A proposal for creation of two posts of Staff Car Driver was submitted to MHRD.
- A proposal for creation of temporary posts of Deputy Director, Regional Director and supportive staff on temporary basis for new Regional / Regional sub centres was submitted to MHRD.

15.1.11 Recruitment Unit

NIOS had advertised the following vacant posts on direct/deputation basis in different categories for Headquarters and Regional Centres :-

1. One post of Secretary
2. One post each of Director-(Academic, Vocational Education and Evaluation)
3. Two posts of Deputy Director (Academic), one post each of Deputy Director Administration and Accounts, One post of Publication Officer, Assistant Director (Admn.), Accounts Officer and Asst. Audit Officer.
4. Eighteen posts of Academic Officers in different disciplines
5. Nine posts of Section Officer
6. Two posts of Technical Asst. (Publication)
7. Three posts of Stenographer and
8. Thirty four posts of Junior Assistant

Recruitment for vacant posts is being actively pursued by the unit.

15.1.12 Legal Cell

The scopes of work of legal unit are broadly divided into three categories viz.

1. **Solicitation**- Developing legal documents with other agencies by MOU/Agreement.
2. **Litigation**- By defending NIOS interest at different Courts /Forums/Commission/Tribunals.
3. **Opinion**- Opinion rendered on various issues of exam and general administration.

To collaborate with different agencies by signing MOU to achieve the desired goal. Few important MOU/Agreements signed during the year are mentioned below:-

1. MOU between NIOS and Financial Assistance to the state Government for Promotion of Open Schooling.
2. Broadcast Engineering Consultants India Limited.
3. U.P Electric Supply Maintenance contract agreement.

Efficient handling of the interest of NIOS at different Court/Forum/Commission/tribunal ensured disposal of 30 court cases this year.

Legal work is time bound and legal unit is meeting with the responsibility within the prescribed time frame viz. drafting counter on the basis of input provided by concerned Department/Regional Centres, finalize the same for court purpose and doing day to day parivi on behalf of NIOS, streamlining the nature of legal work/responsibilities etc.

During the year approximately 55 legal notices were received for correction in name, parents name, date of birth, confirmation of admission and fixation of examination center etc. Timely redressal of grievances in terms of providing suitable reply to legal notices as well as disposing the grievances as per NIOS norms was done.

15.2 Building, Maintenance and Purchase

Civil, Electrical, Mechanical, Horticulture, Air conditioning, Fire Fighting, Transportation and

Canteen Services, Arrangement of Model Examination Center, Computer Animation Lab/Data Centre, purchase of different variety of paper mainly for printing self instructional material for students enrolled and meeting requirement of other items required by HODs of NIOS fall under the purview of Building, Maintenance and Purchase Section.

The tasks of Operationalising Guest House accommodation available at A-31, Sec-62, Noida, Renovation and development of Reception area to work as a facilitation centre, furnishing of conference Halls, construction of porch, up gradation of drivers room, purchase of paper and other materials indented by HODs was also undertaken.

15.2.1 Completion Certificate of A-24-25, Sector-62, Noida Building premises from NOIDA Authority

NOIDA Authority has issued Completion Certificate/NOC for A-24-25, Sector-62, Noida building which was completed in December, 2006. Completion Certificate was received on 04-06-2009.

15.2.2 Permanent Electricity Connection at NIOS campus A-24-25 and A-31 Buildings

After the Completion Certificate/NOC for both the buildings was issued, UP Electricity Department has sanctioned a load of 550 KW for A-31 and 750 KW for A-24-25, buildings and requested NIOS to deposit Rs. 2.07 crore for electric connection and underground cabling work. Since cost of UPPCL was very high therefore, NIOS took a decision to undertake the work itself. Work was awarded through Open Tender in January, 2010 and completed in March, 2010 in a record time and saved Rs. 78 Lacs.

15.2.3 Maintenance of NIOS Premises

Basic amenities such as housekeeping services, generator operation, running of lift services, security arrangements, upkeep of horticulture, communication services has been provided in both the buildings of NIOS. Fire fighting equipments have also been put in place in all the floors of both the buildings.

15.2.4 Subsidized Transport and Canteen Services

As a welfare measure subsidized transport facility provided to NIOS staff has been continued this year too. Subsidized canteen facilities at both the buildings have also been provided to NIOS staff.

15.2.5 Arrangement of Model Examination Centers

In order to maintain the credibility of exam and to curb the malpractices in NIOS examinations, innovative steps were taken for examinations in April 2009 onwards. A model examination centers were established at NIOS HQ and in all Regional Centers. Installation of CCTVs, video recording during examination, security arrangements, use of public address system and other facilities required in conduct of smooth examinations were arranged. Seating arrangement of around 5000 candidates were made within NIOS premises.

15.2.6 Computer Animation Lab/Data Centre

NIOS has modernized Computer Animation Lab and Data Centre at NIOS HQ, and has also set up an online admission cells at all Regional Centers of NIOS.

15.2.7 Purchase and Procurement

Different varieties of printing paper was procured mainly for printing of self Instructional Materials (SIM) for students enrolled. This year 4870 MTs of paper worth Rs. 17 Crore was purchased. Other purchases of consumable and non-consumable items have also been done as per the GFR-2005

15.3 Accounts

15.3.1 Overview

The Accounts Unit is one of the major branch of Administration Deptt., which inter alia prepare Annual Accounts of NIOS in pursuance to Memorandum of Association of NIOS Society and Govt. of India's directive issued from time to time. It also keeps an account of all income collected from students, Regional Centres and Accredited Institutes in India and abroad and incurred all expenditure in respect of all activities and programmes of NIOS.

15.3.2 Income

All Non-Plan expenditure are met from own generated income of NIOS which is coming by way of admission & examination fees from NIOS learners and income from sale of publication, interest receipt and other misc. income. During the year 2009-10 income from fees were to the tune of Rs. 7220.51 lakhs as against Rs. 6833.22 lakhs during 2008-09 whereas income from other sources were Rs. 1715.40 lakh against the previous year figure of Rs. 1788.20 lakhs. In addition to that an amount of Rs. 319 lakhs related to the year 2009-10 were received in the year 2010-11. The trend of NIOS generated income for the last 10 years is given at Annexure - 1A & 1B.

15.3.3 Expenditure

The Non-Plan expenditure during the year 2009-10 was Rs. 6952.99 lakh as compared to Rs. 6178.42 lakh during previous year. The Plan expenditure during the year 2009-10 was Rs. 1160.92 lakh as compared to Rs. 1502.15 lakh during previous year. A diagrammatic presentation of the NIOS Non-Plan and Plan expenditure from 1999-2000 onwards are given at Annexure II and III.

15.3.4 Budgetary Support

The budgetary support to NIOS from the MHRD during 2009-10 was Rs. 1500 lakh under Plan budget. A diagrammatic presentation of Budgetary support to NIOS from MHRD since 1999-2000 is given at Annexure –IV.

15.3.5 Fee Concession to Prioritized Groups

During 2009-10, subsidy aggregating to Rs. 618.07 lakh was given in the form of concessions in admission fee to the students belonging to weaker sections of society comprising women, scheduled castes, scheduled tribes, ex-servicemen and handicapped. This subsidy was solely met from NIOS generated funds. The number of beneficiaries availing subsidy during the year was 181615 [SCs 50991, STs 28545, Ex-Servicemen 468, Handicapped 2019, Women 99592 (excluding SC/ST Women)].

The rates of subsidy ranged between Rs. 250 to Rs. 450 per student depending on the courses of study and gender. A diagrammatic presentation of year wise

subsidies given from 1999-2000 to 2009-2010 is given at Annexure –V.

15.3.6 Important Activities

- In order to comply with accrual system of accounting depreciation was charged on Fixed Assets of NIOS.
- Efficient management of working capital was effected with the help of cash flow and fund flow statement.
- Effective control was exercised on fixed assets by way of preparing fixed assets schedule in proper proforma.
- The annual accounts of NIOS were prepared on accrual basis in uniform format as applicable to all central autonomous bodies and prescribed by the Ministry of Finance, Government of India.
- The computerization of accounts in all the Regional Centres of NIOS was adopted and the monthly accounts of all Regional Centres are being prepared in Tally 9.0 programme.
- The certificated audit of accounts of NIOS for the year 2008-09 was conducted by DGACR from 17.07.09 to 30.07.2009.
- Audit certification of Annual Accounts for the year 2008-2009 which was obtained from DGACR has already been tabled in the Parliament by the MHRD.

15.4 Printing Unit

15.4.1 An Overview

NIOS is one of the biggest government publishing house. In any distance mode of learning printed materials play a very important role. The timely printing and despatch is one of the important activity in NIOS. Printing Unit of NIOS print study materials from various printers and supply it to Material Distribution Unit at Rana Pratap Bagh, Delhi for further dispatch to the learners.

NIOS prints learning materials of different subjects, courses, and in several mediums. Majority of the subjects have 2 to 3 or more volumes. During the year 2009-10, NIOS printed approximately 48 lakh copies of Secondary, Senior Secondary and Vocational Education courses. Study materials in Hindi, English, Telugu, Marathi, Malayalam, Gujarati,

Urdu and Oriya were printed. NIOS also printed and supplied study materials for the students of Rajasthan State Open School and Andhra Pradesh State Open School.

The expenditure incurred on paper and printing of the instructional materials during 2009-10 was approx. Rs.2265.59 lakhs.

During 2009-10, NIOS procured 60 gsm printing paper from M/s Shree Shyam Pulp & Board Mills Ltd. Similarly 220 GSM MG Pulp Board was also procured for printing the covers of its various publications, all this has improved print quality of NIOS Publications.

Unique features of NIOS publications

- Unique layout - in A4 size - following International standard size.
- Using 10-12 pt. type for text and leaving enough white space so as to make the reading comfortable and providing enough space to students for writing notes etc.
- Using Graphics in between the text to support reading .
- Using 60 G.S.M. NIOS Water marked paper for printing of text and 220 GSM Pulp Board (MG) for printing of multi-colour covers.
- Using perfect binding and side stitching of books making them more convenient while using and to withstand rough handling during transportation.
- NIOS got more than one volumes of a subject packed in polythene, so that all parts could be given to the learners together and to avoid any damage during transportation.

NIOS Publications printed during 2009-10

1. Study material for
 - Secondary Course
 - Senior Secondary Course
 - Vocational Subject
 - Gujarati, Malayalam, Telugu, Marathi and Oriya medium at secondary level.
2. Examinations related materials
3. Admission related materials

4. Other publications like Annual Report, Annual Accounts, 2008-09, 'Open learning Magazine' and OSAC Journal
5. Miscellaneous items for Departments (Administration, Evaluation, Student Support Services, Vocational, Academic) and Regional Centres
6. Reports of various seminars/conferences

Examinations related stationery

- For Oct./Nov., 2009 and April/May, 2010 examinations of Secondary, Senior Secondary and Vocational Course.
 - Answer books
 - Date sheets
 - Certificates
 - Mark sheets, Provisional Certificates and Migration Certificates
- Guidelines for Centre Superintendent for Academic and Vocational Examinations.
- Miscellaneous items required by the Evaluation Department for Examination.

Admission related Materials

During 2009-10 following different Academic Prospectuses were printed.

- (i) For Delhi Region in Hindi & English medium.
 - (ii) For Chandigarh Region in Hindi & English medium.
 - (iii) For Rest of India in Hindi & English medium.
 - (iv) For Kolkatta and Guawahati in English medium.
- Academic Prospectuses in Telegu, Urdu, Gujarati, Marathi, Malayalam.
 - Vocational Prospectus (2009-10) in English and Hindi Medium
 - In addition, to this Vocational Prospectus (Urdu) was also printed.
 - Administrative Guidelines for Academic and Vocational courses.

Other prestigious Publications

- NIOS at a Glance, 2009
- OSAC Journal, December, 2008
- Open Schooling, Quarterly News Bulletin
- Annual Report 2008-2009
- Annual Account 2008-09
- A Curriculum Framework - Vocational Education through Open and Distance Learning

15.4.2 DTP Unit

NIOS has an in-house DTP Unit. All important publications like Prospectus, Annual Report, Certificate, Marksheet, Annual Account, NIOS at a Glance, Answer Books, Open Learning magazine, Open Schooling News Bulletin, Examination related materials and various Reports of Seminars and Conferences are typeset in the DTP unit.

15.5 Material Distribution Unit

The Material Distribution Unit (MDU) is situated at Central Ware House Corporation in R.P. Bagh, Delhi. MD Unit is entrusted the task of storing/issuing of paper, receiving Study material related to Academic and Vocational Courses, Prospectus for Academic and Vocational Courses, Blank Answer Books and other printed materials & audio/video CDs and its distribution to NIOS learners, Accredited Institutions, Accredited Vocational Institutions, Examination Centres and State Open Schools.

The main functions of MDU are :

1. Receipt of Material

- Printing paper of different sizes from paper mills
- Study Material from the Printers
- Prospectus for AI/AVIs
- Blank Answer sheets

- Audio/Video CDs
- Other misc. printed material

2. Dispatch of Material

- Issue printing paper to printers
- Distribution of Study Material to individual learners of NIOS
- Study material to State Open School
- Answer sheets to Examination Centres
- Prospectus to AIs & AVIs
- Audio/Video & other misc. dispatches

3. Sale of Study Material

- To Individual students
- State Open Schools
- Book seller (under process)
- Sale of Prospectus to AIs & AVIs

Dispatch of Study material

The Success of Open and Distance Learning programme largely depends on timely supply of instructional materials to the students to enable them to learn at their own pace. The students of NIOS were given instruction material duly packed in polythene for each subject.

Availability of study material at a right time to the learners in distance education system is a great challenge and undisputedly it can be achieved if it is delivered direct to the learners residence. In the year 2009-10 the study material was dispatched to nearly 2.50 lakhs students registered online, direct to the students at their residential address through Department of Post. The study material was dispatched to more than 1399 Accredited Institutions also for distribution to offline students through transporter.

16. Right to Information

16.0 Introduction

In view of the directions of Government of India, Ministry of Human Resource Development (MHRD), the Right to Information Act, 2005 has been implemented in NIOS from October 2005. The Act envisages that every Public Authority shall designate as many officers as Public Information Officers (PIOs) in all administrative units of offices under it as may be

necessary to provide information to persons requesting for the information. Accordingly, NIOS assigned this work of keeping and collating the information from all constituents of NIOS to be performed by the Administration Wing.

A new order in this regard was issued on 16/3/2010, where APIOs, CPIOs and Appellate Authorities were designated to the officers of different levels with details as under :-

For NIOS Headquarters

S. No.	Department	APIO	CPIO	Appellate Authority
1.	Administration	Sh. R.P.Dwivedi Assistant Director	Sh. S.K.Tanwar Deputy Director	Sh. Sunil Kaura Secretary
2.	Finance & Accounts	Sh. Kapil Kumar Assistant Account Officer	Sh. Gurdev Singh Section Officer	
3.	Academic Unit	Sh. B.K.Rai Academic Officer	Mrs. Gopa Biswas Deputy Director (Academic)	Dr. Anita Priyadarshini Director I/c
4.	Evaluation	Sh. K.K.Giri Section Officer	Sh. M.C.Sharma Assistant Director	Sh. S.K.Misra Director I/c (Eval.)
5.	Vocational Education	Mrs. Kaushalya Barik Assistant Director	Mrs. Mamta Srivastava Deputy Director	Dr. Anita Priyadarshini Director I/c (Vocational)
6.	Student Support Services	Mrs. Madhu Bansal Section Officer	Sh. B.L.Bhatla Assistant Director	Dr. R.K.Arya Director I/c (SSS)
7.	Computer Unit		Sh. Pramod Srivastava EDP Supervisor	Sh. S.K.Prasad SA/P
8.	Media Unit		Sh. R.Srinivasa Rao Editor (Media)	Dr. R.K.Arya Joint Director (Media)

For NIOS Regional Centres

S. No.	Department	APIO	CPIO	Appellate Authority
1.	RC – Chandigarh	Sh. P.M.Pankaj Section officer	Dr. Rachna Bhatia Assistant Director	Sh. M.S.Lamba Regional Director
2.	RC – Delhi	Sh. Rajesh Gautam Section Officer	Mrs. Anita Nair Assistant Director	Sh. S.K.Anand Regional Director
3.	RC – Pune		Sh. Ashok Kumar Section Officer	Sh. Sanjay Kumar Sinha Regional Director
4.	RC – Kolkata	Sh. Ved Prakash Section Officer	Sh. Aditi Ranjan Rout Regional Director	Sh. Sunil Kaura Secretary
5.	RC – Patna		Dr. T.N.Giri Regional Director	
6.	RC – Allahabad		Sh. S.S.Das Assistant Director	
7.	RC – Hyderabad	Sh. R.Baskar Section Officer	Sh. R.Mahapatra Regional Director	
8.	RC – Bhopal		Sh. A.K.Sharma Regional Director	Sh. Sunil Kaura Secretary
9.	RC – Kochi		Sh. V.S.Raveendran Regional Director	
10.	RC – Jaipur	Sh. Ashok Kumar Assistant Director	Mrs. Manju Gupta Regional Director	
11.	RC – Guwahati	Sh. Dilip Raj Section Officer	Sh. M.L.Jharotia Regional Director	
12.	Sub-Centre Dehradun	Mrs. Sandhya Kumar Assistant Director	Sh. Manoj Kumar Jain Regional Director	

The NIOS, in keeping with the spirit of the Act, has made provisions to provide information to all applicants in the specified time frame. NIOS has uploaded the following information related to the obligation of Public Authority under Section 4 of the Act on its official website.

1. NIOS at a Glance
2. Memorandum of Association (MOA) of NOS Society
3. Guidelines for Accreditation of AIs, AVIs and AAs
4. Admission Process
5. Vocational Education Programmes
6. Recruitment Rules of NIOS
7. Guidelines for Centre Superintendents for External Examinations
8. Information about Courses and Materials for OBE, Secondary and Senior Secondary Education

9. List of Members of RCACs
10. NIOS Budget at a Glance, Annual Accounts and Audit Report
11. Notifications regarding Tender Notice, Examination Hall Tickets, Results, National Talent Promotion Scheme, Student Centre Address Book
12. Office Orders for PIO, APIO, Regional Heads, SAP, Appellate Authority

The System Analyst Programmer has been assigned the work of preparing and maintaining the documents as mentioned in Section 4 of the RTI Act.

NIOS has computerized all records of applications received and disposed off under the RTI Act. It has also been sending necessary reports i.e. Annual Returns, Quarterly Returns & Monthly Returns as per the Act to the CIC and the MHRD. During the year 2009-2010, 403 requests were received and processed by NIOS.

17. Promotion of Hindi

17.0 Overview

NIOS has been taking affirmative steps for the use of Hindi (as the Official Language) in order to implement the provisions of the official languages as per guidelines issued from time to time by the Government of India, Ministry of Home Affairs. The Rajbhasha Section at the NIOS Headquarter ensures progressive use of Hindi in all the departments. Timely inspections were conducted to monitor the progress of Hindi in the respective sections. Problems faced by the officials in implementation of Rajbhasha were discussed in the quarterly meetings and all possible steps are taken to resolve them. The aim is to create interest for working in Hindi. This Section develops and disseminates guidelines for progressive use of Hindi, monitors implementation of the programme and assists various constituents of NIOS in matters related to the official language.

17.1 Activities of Rajbhasha Section

During 2009-10, the Rajbhasha Section took steps to implement the official language rules as per guidelines issued by the Ministry of Home Affairs. The main activities performed were as follows:

17.1.1 Translation

- During 2009-10, Press Releases related to different seminars, conferences and other programmes conducted by NIOS were translated into Hindi and published in all leading Hindi newspapers all over the country.
- The Annual Report of NIOS for the year 2008-09 was translated in Hindi.
- The Prospectus (Academic Courses) for different regions, Prospectus (Vocational Education Courses) and Information Bulletin for online admission were translated in Hindi.
- Annual Accounts of NIOS and Annual Audit Report were prepared bilingually.
- Different official forms pertaining to the Evaluation, Open Basic Education, Administration, Accreditation were translated in Hindi.

- “NIOS - At a Glance” was prepared in Hindi.
- Memorandum of Understanding between NIOS and AIs, AVIs was also prepared bilingually.
- Various materials for Project Hunar were also translated in Hindi.

17.1.2 Implementation Activities

Hindi Fortnight

The Hindi Fortnight was celebrated in September 14 - 28, 2009 with enthusiastic participation of NIOS staff in the following competitions:

- (i) Official Language
- (ii) Computer based Hindi Knowledge
- (iii) Extempore Speech
- (iv) Quiz
- (v) Slogan writing
- (vi) Memoir writing



Over 125 NIOS officials participated in different competitions, and prizes were awarded to the winners of the first three positions. Prizes for outstanding participation were also given. The Regional Centers of NIOS also organized similar competitions.

17.2 Use of Hindi

NIOS took several important decisions in 2009-10 that resulted in greater use of Hindi in the office procedures. There decisions were:

- (i) Reply to the letters written in Hindi shall be given in Hindi.
- (ii) The quantum of More Noting and Drafting written in Hindi shall be increased.
- (iii) Headings on the file covers shall be written in Hindi.
- (iv) Hindi software shall be installed in every computer.
- (v) All the Nameplates, Signboards, Rubber Stamps shall be bilingual.
- (vi) Quarterly reports of implementation of Hindi shall be forwarded to MHRD regularly.

17.3 Miscellaneous

17.3.1 Computer Training

The new Hindi Computer Software developed by the Information and Broadcasting Ministry was made available and provided to the Departments at NIOS Headquarters and the Regional Centres of NIOS. Training sessions were also organized for staff members for this programme.

17.3.2 Inspection

Several Sections of NIOS were inspected to ascertain the actual use of Hindi. Possibilities of promotion of Hindi at different levels were discussed with various departments.

General Body (As on 31.03.2010)

President

Sh. Kapil Sibal
Hon'ble Minister of HRD
MHRD
Shastri Bhawan
New Delhi – 110 001

Vice President

Smt. D. Purandeswari
Minister of State, HRD
(Secondary and Higher Education)
MHRD
Shastri Bhawan
New Delhi – 110 001

Members

Ms. Anshu Vaish
Secretary, SE&L
Department of Education
MHRD
Shastri Bhawan
New Delhi – 110 001

Sh. S. C. Khuntia
Joint Secretary (SE)
Department of Education
MHRD
Shastri Bhawan
New Delhi - 110 001

Shri S. K. Ray
AS & Financial Advisor
Department of Education
MHRD
Shastri Bhawan
New Delhi - 110 001

Dr. Sitansu S. Jena
Chairman
National Institute of Open Schooling
A-24/25 Institutional Area
Sector -62, Noida

Prof. Krishna Kumar

Director
National Council of Educational
Research and Training
Sri Aurobindo Marg
New Delhi - 110 016

Dr. K.K. Chakravarty, IAS

Director
National University of Educational
Planning and Administration
17 B, Sri Aurobindo Marg,
New Delhi - 110 016

Shri Vineet Joshi, IAS

Chairman
Central Board of Secondary Education
Shiksha Kendra
2, Community Centre
Preet Vihar, New Delhi – 110 092

Smt. Stuti Narain Kacker

Joint Secretary (P&A)
Ministry of Information & Broadcasting
R. No. 552, A wing, Shastri Bhawan
New Delhi - 110 001

Deputy Director General (D)

Office of the Directorate General
All India Radio, Parliament Street
New Delhi - 110 001

Addl. Director General (A)

Prasar Bharti (B.C.I.)
Director General : Doordarshan
Doordarshan Bhawan, PTI Building
Parliament Street
New Delhi - 110 001

Joint Secretary (CW)

Department of Women and Child Development
Shastri Bhawan
New Delhi - 110 001

Prof. V. N. Rajasekaran Pillai

Vice Chancellor
IGNOU
Maidan Garhi
New Delhi – 110 068

Smt. Anita Kaul

JS (AE) & Director General
National Literacy Mission
Shastri Bhawan
New Delhi – 110 001

Joint Secretary (BC)

Ministry of Social Justice and
Empowerment
Shastri Bhawan
New Delhi – 110 001

Joint Secretary & Director General

Employment and Training
Ministry of Labour
Shram Shakti Bhawan
Rafi Marg, New Delhi

Secretary of Education

Govt. of Delhi (NCT)
Old Secretariat
New Delhi – 110 054

Dr. Dhaneswar Harichandan

Director
Institute of Distance and Open Learning
University of Mumbai
Vidyanagari, Kalina
Santacruz (E), Mumbai - 400 098

Commissioner

Kendriya Vidyalaya Sangathan
New Delhi – 110 016

Prof. (Mrs.) Veena Noble Dass

Vice Chancellor
Shri Padmavati Mahila
Vishwavidyalaya, Tirupati

Sh. Raju Chandrasekhar

Consultant
47A Ground Floor, 9th Main
Hall 3rd Stage
Bangalore - 560075

Sh. Chandrajit Banerjee

Director General
Confederation of Indian Industry
CII Headquarters
Mantosh Sondhi Centre
23 Institutional Area
Lodi Road, New Delhi-110003

Prof. Mohammad Miyan

Vice Chancellor
Maulana Azad National
Urdu University
Gachibowli, Hyderabad – 500 032

Prof. Anu J. Thomas

Professor
School of Gender and Development Studies
IGNOU, Maidan Garhi
New Delhi - 110 068

Prof. Mangala Sunder

*Prof. in Chemistry &
National Co-ordinator MPTTEL Project*
IIT, Madras, Taramani
Chennai - 600 036

Prof. C. L. Anand

Former VC, Arunachal University
Department of Education
BPS Mahila Vishwavidyalaya
Khanpur Kalan, Gohana Road
Sonapat, Haryana – 131 305

Sh. Guilherme Vaz

Formerly with IL & FS, Mumbai
IRIS, 5th Floor
Flat 20, Cuff Parade
Mumbai- 400 005

Dr. R. Sreedher

Director CEMCA
New Delhi

Prof. Vasudha Kamat

Joint Director, CIET
NCERT Campus
Sri Aurobindo Marg
New Delhi – 110 016

Prof. S. D. Sharma

Former Director
Centre for Continuing Education, IGNOU
C-142, Pocket-3, DDA Flat
Bindapur, New Delhi

Prof. A. K. Sharma

Former Director, NCERT
C-3, Sector-48
NOIDA – 201304
Distt. Gautam Budh Nagar (U.P.)

Prof. Ram G. Takwale

Former Vice Chancellor, IGNOU
162/4A Naveli, Anapurna Housing Society
D. P. Road, Aundh, Pune – 411 007

Secretary

National Institute of Open Schooling
A-24/25 Institutional Area
Sector -62, NOIDA

Director (Evaluation)

National Institute of Open Schooling
A-24/25, Institutional Area,
Sector -62, NOIDA

Director (SSS)

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Director (Academic)

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Director (Vocational Education)

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Executive Board

(As on 31.03.2010)

Dr. Sitansu S. Jena*Chairman*

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Sh. S. C. Khuntia*Joint Secretary (SE)*

MHRD
Shastri Bhawan
New Delhi –110 001

Sh. S. K. Ray*AS & Financial Adviser*

MHRD
Shastri Bhawan
New Delhi-110001

Prof. Mohammad Miyan*Vice Chancellor*

Maulana Azad National
Urdu University
Gachibowli
Hyderabad – 500 032

Prof. Anu J. Thomas*Professor*

School of Gender and Development Studies
IGNOU, Maidan Garhi
New Delhi – 110 068

Prof. Mangala Sunder*Prof. in Chemistry &**National Co-ordinator MPTTEL Project*

IIT, Madras, Taramani
Chennai - 600 036

Prof. C. L. Anand*Former VC, Arunanchal University*

Department of Education
BPS Mahila Vishwavidyalaya
Khanpur Kalan, Gohana Road
Sonapat, Haryana – 131 305

Sh. Guilherme Vaz*Formerly with IL & FS, Mumbai*

IRIS, 5th Floor
Flat 20, Cuff Parade
Mumbai - 400 005

Dr. R. Sreedher*Director CEMCA*

8/4 Sarvpriya Vihar, New Delhi -110 016

Prof. Vasudha Kamat*Joint Director*

CIET, NCERT Campus
Sri Aurobindo Marg
New Delhi – 110 016

Prof. S. D. Sharma*Former Director*

Centre for Continuing Education, IGNOU
C-142, Pocket-3, DDA Flat, Bindapur
New Delhi

Secretary

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Director (Academic)

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Director (Evaluation)

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, Noida

Director (SSS)

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Director (Vocational Education)

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Finance Committee

(As on 31.03.2010)

Dr. Sitansu S. Jena

Chairman

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Sh. S. C. Khuntia

Joint Secretary (SE)

Department of Education,
MHRD
Shastri Bhawan
New Delhi - 110 001

Shri S. K. Ray

AS & Financial Adviser

Department of Education
MHRD
Shastri Bhawan
New Delhi-110001

Sh. Vikram Chandra

Retd. Director General of Audit

Flat No. A-24, Yarrows Apartment
Plot No. C-58/5, Sector -62, Noida
Dist Gautam Budha Nagar, U. P.

Sh. L. Gurumurthy

Director

Institute of Cost & Works Accounts of India
ICWAI Bhawan, No - 3 Institutional Area
Lodhi Road, New Delhi – 110 003

Prof. Puran Chand

Former Jt. Director, CIET, NCERT

Pkt. C - 283, DDA SFS Flat
Sheikh Sarai Phase – I
New Delhi – 110 017

Secretary

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Director (Academic)

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Director (Evaluation)

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Director (SSS)

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Director (Vocational Education)

National Institute of Open Schooling
A-24/25, Institutional Area
Sector -62, NOIDA

Academic Council (As on 31.03.2010)

Chairperson

Dr. S.S. Jena

Chairman, NIOS
A 24/25 Institutional Area
Sector 62 NOIDA-201309

Members

Dr. Shyam Singh Shashi

Director General
Research Foundation International
CSC-5, Shiksha Bhawan
Rohini, Sector – 9
Delhi-110085

Prof. H.C. Pradhan

Centre Director
Homi Bhabha Centre for Science Education
Tata Institute of Fundamental Research
V.N. Purav Marg, Mankhurd
Mumbai-400088

Prof. C.S. Nagaraju

Former Principal, RIE, Mysore
255/B, Renka Colony
Bannerghatta Road
Bengaluru-560076

Prof. Desh Bandhu Gupta

Chairperson
J&K State Board of School Education
Rehari Colony
Jammu-180005

Dr. Shabistan Gaffar

Chairperson
Committee on Girls Education, Govt of India
National Commission for Minority Education
Institutions
Gate No. 4, 1st Floor, Jeevan Tara Building
5 Sansad Marg, Patel Chowk
New Delhi-110001

Shri B.P. Pant

Director
Labour Employment and Skill Development
FICCI, Federation House
Tansen Marg
New Delhi-110001

Prof. Anju Sehgal Gupta

S-11, 2nd Floor
Greater Kailash, Part -II
Near Sanathan Dharm Mandir
New Delhi-110048

Dr. Gauri Srivastava

Deptt. of Women's Studies
NCERT, New Delhi-110016

Prof. Bharti Baweja

Deptt. of Education
Delhi University
Delhi-110007

Prof. A.K. Sharma

Former Director, NCERT
C-3, Sector 48
NOIDA (Uttar Pradesh)

Ms. C. Gurumurthy

Director (Academic)
CBSE
Preet Vihar
Delhi

Director (SE)

Deptt. of School Education
Ministry of Human Resource Development
Shashtri Bhawan
New Delhi-110001

Secretary

NIOS
A-24/25, Sector-62, NOIDA

Director (Vocational Education)

NIOS
A-24/25, Sector-62, NOIDA

Director (SSS)

NIOS
A-24/25, Sector-62, NOIDA

Director (Evaluation)

NIOS
A-24/25, Sector-62
NOIDA

Member Convenor

Director (Academic)
NIOS
A-24/25, Sector-62, NOIDA

**Sanctioned Staff Strength of the NIOS
(As on 31.03.2010)**

S.No.	Name of the post	Scale of Pay	Total Staff Strength
1.	Chairman	37400-67000 + GP 10000	1
2.	Secretary	37400-67000 + GP 8700	1
3.	Director (Academic)	37400-67000 + GP 8700	1
4.	Director (Evaluation/SSS/Voc.Edu.)	37400-67000 + GP 8700	3
5.	Joint Director	37400-67000 + GP 8700	6
6.	Deputy Director	15600-39100 + GP 7600	14
7.	System Analyst / Programmer	15600-39100 + GP 7600	1
8.	Publication Officer	15600-39100 + GP 7600	1
9.	Assistant Director	15600-39100 + GP 6600	20
10.	Accounts Officer	15600-39100 + GP 6600	1
11.	Academic Officer	15600-39100+ GP 5400	21
12.	Research & Evaluation Officer	15600-39100 + GP 5400	1
13.	Librarian	15600-39100 + GP 5400	1
14.	Section Officer	9300-34800 + GP 4600	27
15.	PS to Chairman	9300-34800 + GP 4600	1
16.	Public Relation Officer	9300-34800 + GP 4600	1
17.	Assistant Audit Officer	9300-34800 + GP 4600	1
18.	Hindi Officer	9300-34800 + GP 4600	1
19.	Graphic Artist	9300-34800 + GP 4200	1
20.	EDP Supervisor	9300-34800 + GP 4200	1
21.	Cameraman	9300-34800 + GP 4200	1
22.	Editor (Media)	9300-34800 + GP 4200	1
23.	Superintendent	9300-34800 + GP 4200	10
24.	Technical Assistant	9300-34800 + GP 4200	2
25.	PA	9300-34800 + GP 4200	3
26.	Assistant Librarian	9300-34800 + GP 4200	1
27.	Translator	5200-20200 + GP 2800	1
28.	Production Assistant	5200-20200 + GP 2800	1
29.	Library Assistant	5200-20200 + GP 2400	1
30.	Assistant / Internal Auditor	5200-20200 + GP 2400	42
31.	Stenographer	5200-20200 + GP 2400	6
32.	Junior Assistant	5200-20200 + GP 1900	53
33.	Staff Car Driver	5200-20200 + GP 1900	3
34.	Electrician	5200-20200 + GP 1900	1
35.	Photocopier Operator	5200-20200 + GP 1900	1
36.	Peon and Mali	5200-20200 + GP 1800	19
	Total		251

Academic, Professional and Participatory Contributions of the Faculty

Dr. S.S. Jena, Chairman, NIOS

- Visit to Male, Maldives, 1-2 December 2009 to attend the meeting of CEMCA Advisory Council of COL and Inauguration of 1 Radio at Male, Maldives.
- Visit to New Zealand on 28th and 29th January, 2010 and Australia from 31st January to 5th February, 2010 to study Vocational Education and Training System in these two countries to further strengthen VET exchange programmes.

Dr. R.K. Arya, Joint Director, Media, NIOS

- Jury member of 15th All India Children Educational Audio Video Festival, 2010 organized by CIET, NCERT.
- Committee member for developing the policy on ICT in Education under the Chairmanship of J.S (SE), Government of India, New Delhi

Dr. Anita Priyadarshini, Joint Director (Academic)

- Abstract for PCF 6 to be held in November, 2010 accepted - Title of the paper – *Using Technology for Strengthening Open Schooling : A study of the Ni On Project of NIOS.*

Mrs. Gopa Biswas, Deputy Director (Academic)

- *NIOS: An Introduction* – Presentation made at India International Centre in the training programme for Assam State Open School organised by CEMCA on 15th June, 2009.
- Participated as a panel list for a National Teleconference on “Teaching of English Grammar and Evaluation in English at the Primary level” on 14th October, 2009 organised by DEP-SSA, IGNOU.

- Contributed a chapter on *Development of Printed Self Learning Material : A Case Study of NIOS, India* for the Quality Assurance Toolkit, Commonwealth of Learning, Vancouver, Canada.

Dr. T.N. Giri, Regional Director, Patna

- Participated in a Regional workshop on “Equivalency Programme for Achieving EFA Goals and promoting Lifelong Learning” organized by UNESCO at Semarang, Indonesia between 13th to 17th July, 2009. Presented country report in that workshop on behalf of NIOS, India.

Sh. Manoj Kumar Jain, Regional Director, Dehradun

- Participated in the Annual Meeting of the Principals of KVS organised by Asstt. Comm. Of KV, Regional Office, Dehradun in July 2009.

Mrs. Koushalya Barik, Assistant Director, Vocational Education Department

- Participated in an international workshop organised by COL to Evolve a Strategy Plan on Copyright Issues for Development of Open Educational Resources (OER) from 23rd to 27th November, 2009 at New Delhi.
- Abstract for PCF 6 to be held in November, 2010 accepted - Title of the paper – *Vocational Education Through Open Schooling: Lessons From NIOS.*

Dr. B.K. Rai, Academic Officer, Hindi

- Attended a Rajbhasha workshop organized by MHRD from 5th to 8th November, 2009 in Pondicherry.
- Abstract for PCF 6 to be held in November, 2010 accepted : title of the paper – Role of Open

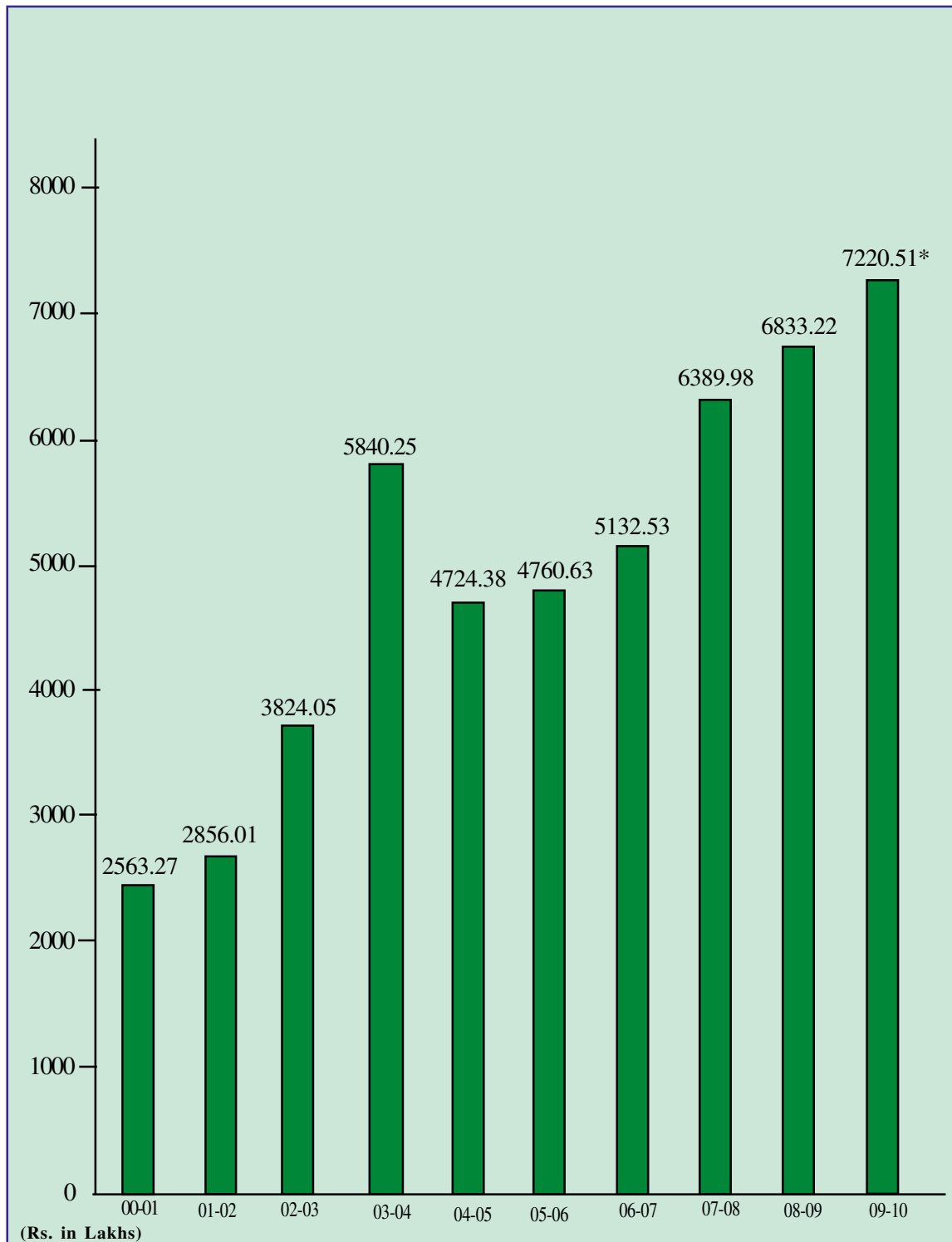
and Distance Learning System in Reducing the Stress Among the Learners.

Mrs. Asheema Singh, Project Officer, Adolescence Education Programme

- Presented a paper in International Conference on Life Skills Education organized by RGNIYD, Sriperumbudur, March 25-27, 2009
- Participated as a resource person in Regional Consultation on HIV/AIDS and Anti Human Trafficking organized by United Nations Development Fund for Women (UNIFEM) from 3rd- 5th September, 2009.
- Participated in 5th Asia Pacific Conference on Reproductive and Sexual Health and Rights – 2009 at Beijing, China, 17th-20th October, 2009.
- Participated in an international workshop to Evolve a Strategy Plan on Copyright Issues for Development of Open Educational Resources (OER) from 23rd to 27th November, 2009 at New Delhi.
- *Life Skills for Enhancing Excellence in Education and Life Long Learning* – Article published in Indian Journal of Life Skills Education Volume – 1 January 2010 issue.
- Conference Report: *The International Conference on Adolescence Education through Open Schooling – The SAARC Experience* published in OSAC Journal of Open Schooling.

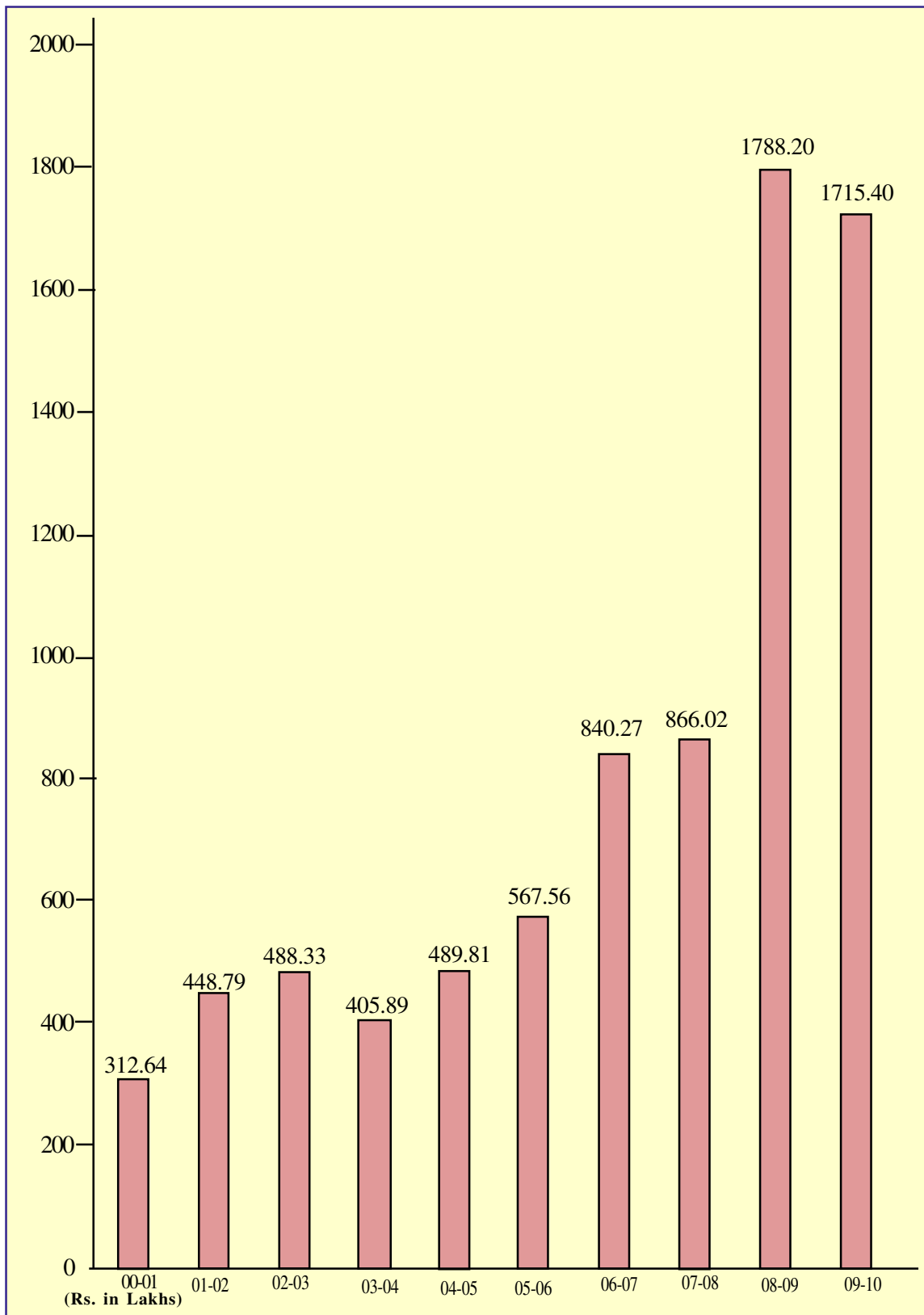
Annexures & Appendices

Trends of Fees Income (Admission & Examination Fees)



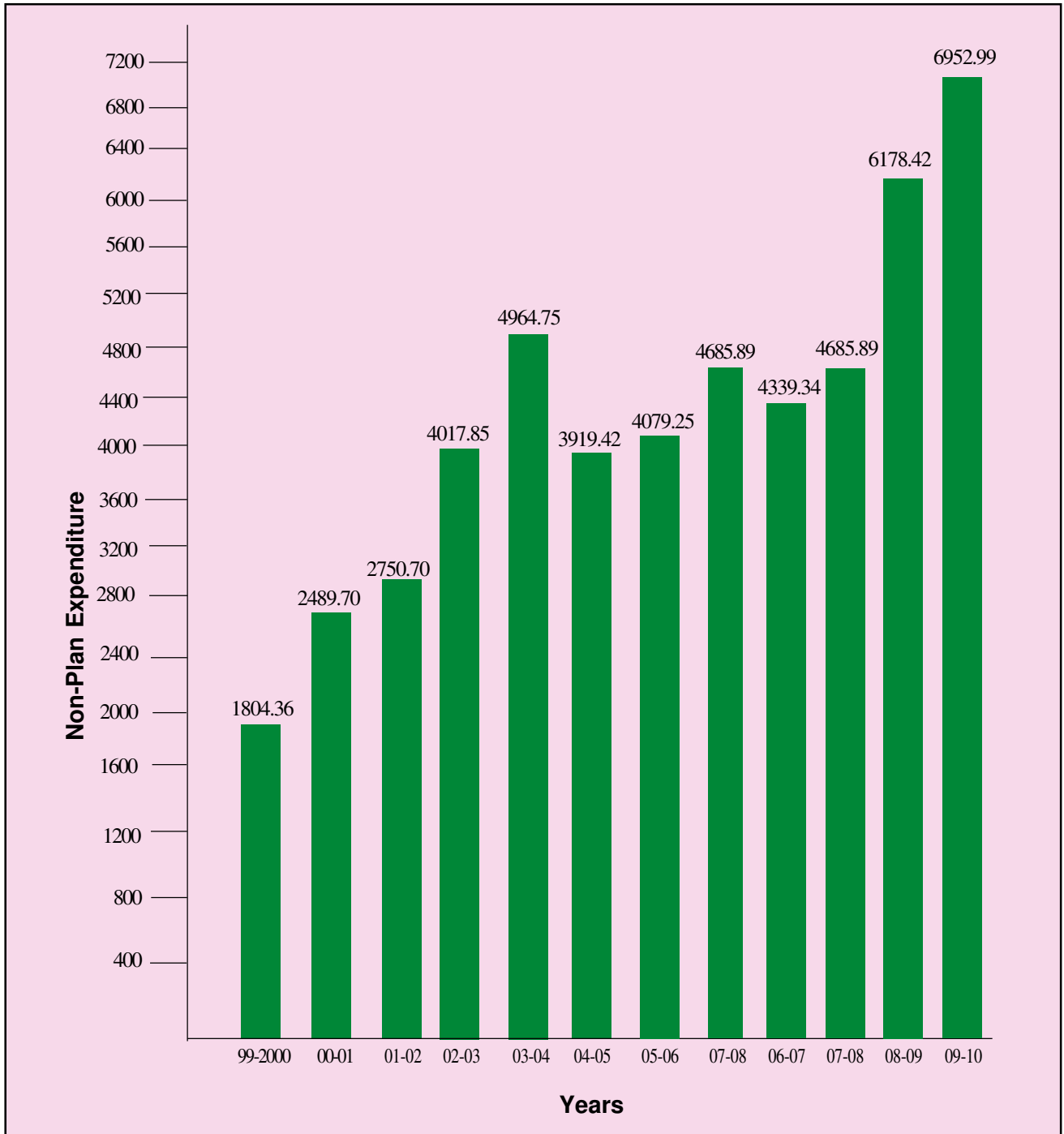
*In addition, an amount of Rs. 319 lakh of the year 2009-10 has booked in the year 2010-11.

Trends of Other Income (Sale of Publication, Interest rcvd. & Misc. Fee)



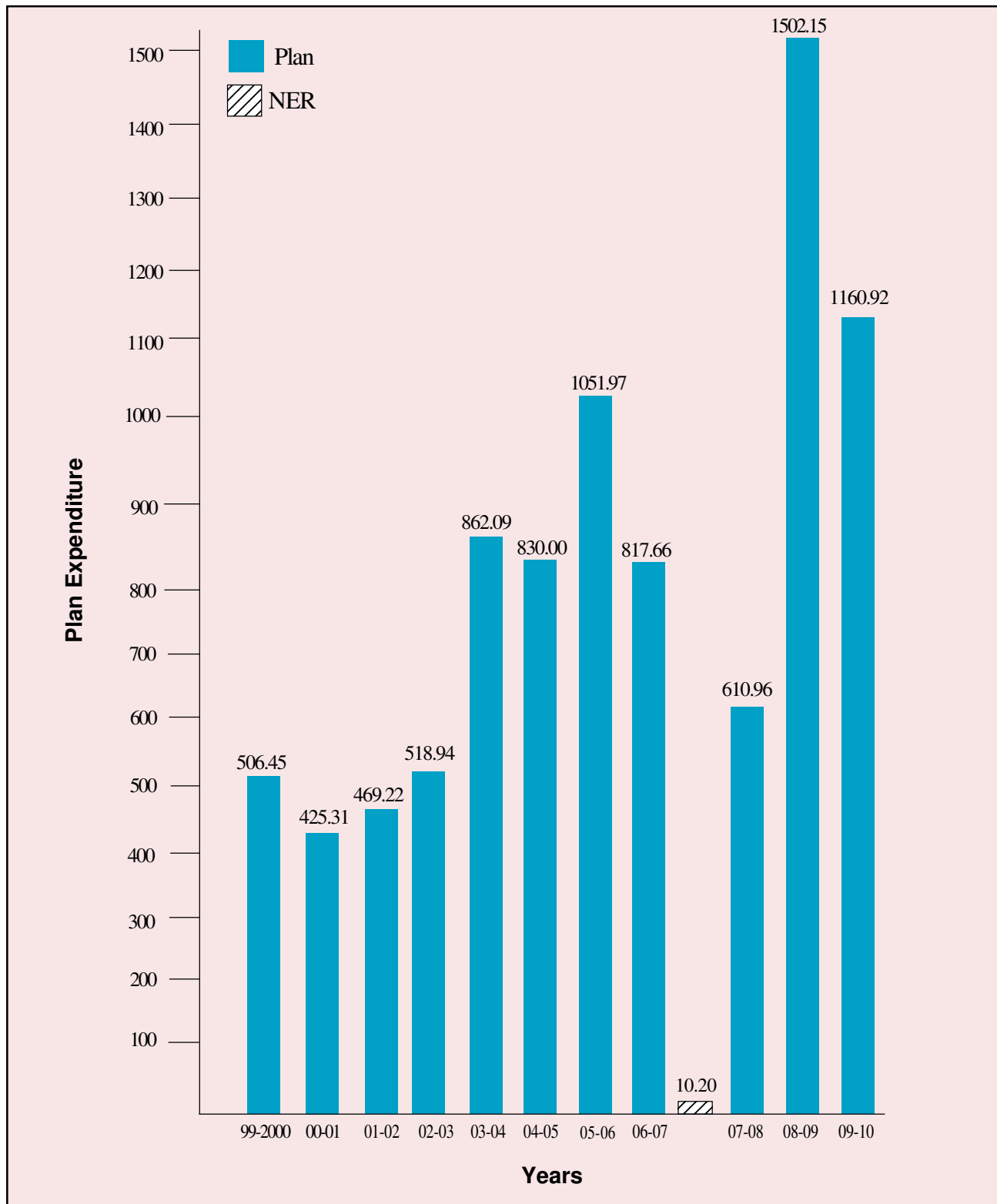
NIOS Non-Plan Expenditure (1999-2000 onwards)

(Rupees in Lakhs)



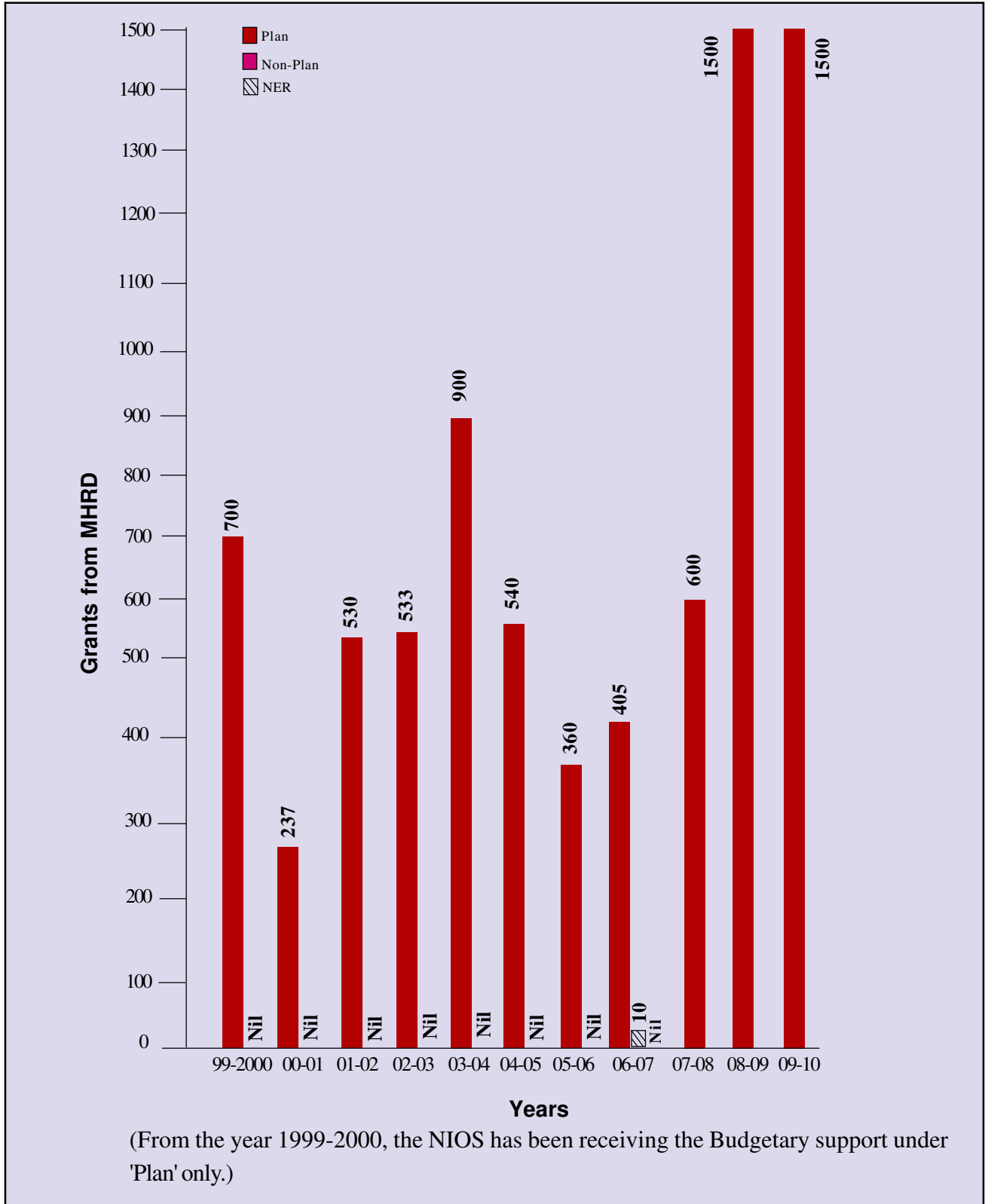
NIOS Plan Expenditure (1999-2000 Onwards)

(Rupees in Lakhs)



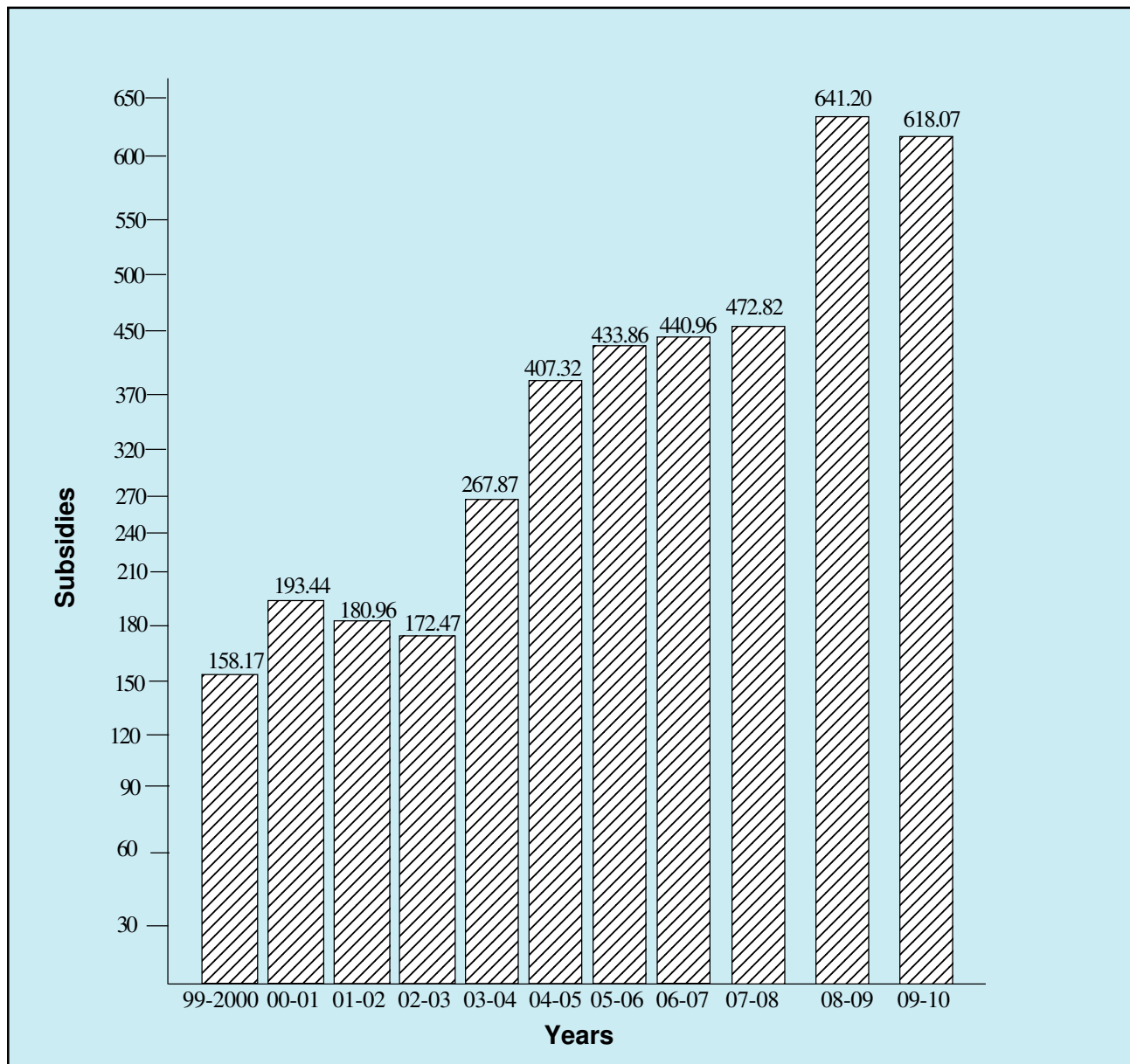
Yearwise Budgetary Support to NIOS from the MHRD since 1999-2000

(Rupees in lakhs)

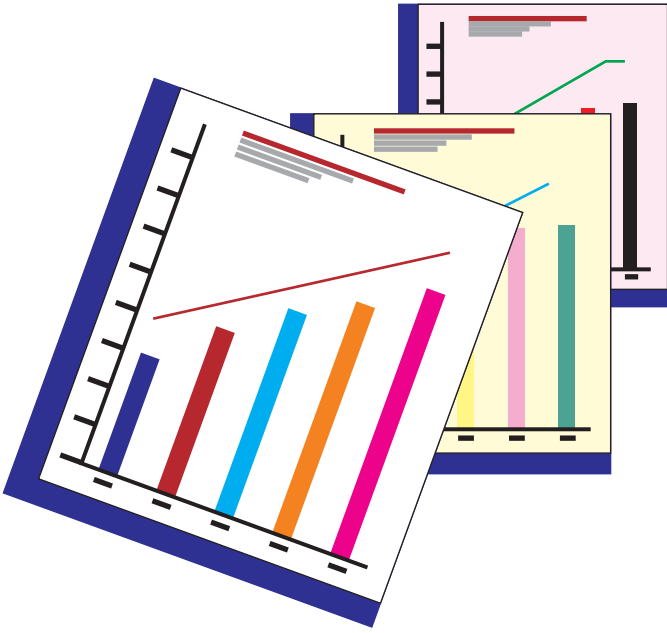


**Subsidies given by NIOS to
Prioritised Groups since 1999-2000**

(Rupees in lakhs)



वार्षिक रिपोर्ट ANNUAL REPORT 2009-10



विद्याधनम् सर्वधनं प्रधानम्

राष्ट्रीय मुक्त विद्यालयी शिक्षा संस्थान
NATIONAL INSTITUTE OF OPEN SCHOOLING



National Institute of Open Schooling

**(An autonomous organisation under Ministry of
Human Resource Development,
Govt. of India)**

**A-24/25, Institutional Area,
Sector-62, NOIDA, U.P.**