CHAPTER 3
PROFILE OF THE INSTITUTIONS/LIBRARIES

3.1 Profile of the AIDDS (All India Deaf and Dumb Society)

3.1.1 About AIDDS (Type of Disability covered: Deaf and Dumb)
All India Deaf and Dumb Society (AIDDS) has been formed by public spirited persons for the benefit and welfare of Deaf and Mutes irrespective of sex, race, religion, castes, creed, and color. It was registered in the year 1956 under the Societies Registration Act XXI of 1860 under no. S 963 of 1956.
The objective of AIDDS is to foster the spirit of goodwill, co-operation and self help among its members and others and thus to create and promote the spirit of fellowship brotherhood, co-operation and harmony among the deaf and dumb and the general public.

3.1.2 Mission of AIDDS
AIDDS has been striving hard to achieve the goal of total rehabilitation for the poor and hearing impaired children who on a large extent are ignored and rejected by the community and sometimes even by their families.
The deaf/hearing impaired children face a difficult future although their basic needs are no way different from a normal child. Every such child should get an opportunity for basic education, nutrition, health and medical facilities. The foremost concern is to advance the cause of education therefore Premala Bai Chavan School for the Deaf started on 14 August 1972 was upgraded to 8th class and has been recognized by the Delhi Govt. on 9 November 2000. As on date, about 280 deaf and mute students are on roll from nursery to 8th class. School for the deaf is also affiliated to National Institute of Open Schooling for Secondary Education and is an approved A.I.

3.1.3 Special features of the School (Premala Bai Chavan School for the Deaf)
- Most of the students come from slum colonies and poor families.
- Location of the school makes it easy for the poor slum dwellers to benefit from the special free education provided to deaf and mute children by the School.
- The school tries to create awareness in Society about the causes of deafness i.e. malnutrition, lack of medical guidance, healthcare mother and child at appropriate time: during pregnancy and early childhood.

- The School enjoys reputation which attracts trainees for practical training for the last 10 years on regular basis from the Institution like Ali Yavar Jung National Institute for Hearing Handicapped and other public schools.

3.1.4 **Highlights of Teaching to Deaf and Mute**

- All the teachers are qualified having a Degree/Diploma in education for the hearing impaired. Only 10 to 12 students can be in one section so that individual attention is paid to the each student.

- Apart from Visual and display methods the school has now started Computer-based education as well.

3.1.5 **Future Planning**

- To set up a Vocational Training Centre to train the deaf and mute children in various trades like electronics, automobile mechanic, Textile Designing, Photography Beautician etc. to make them self supporting respectable citizens of our country.

- Up-grading the present middle School upto 10th class. As after completion of their studies upto 8th class, they find it very difficult to get admission in other schools as Delhi has limited Senior Secondary Schools for the deaf and dumb.
3.2 Profile of the AIFD (All India Federation of the Deaf)

3.2.1 About AIFD (Type of Disability covered: Deaf and Dumb)

The All India Federation of the Deaf (AIFD) was set up on 22 December, 1955 at the first All India Conference of the Deaf held at Constitution Club, New Delhi. The aim of setting up the Federation was to unite the deaf all over the country, to strive for their all round welfare and total rehabilitation and to further the interest of the deaf, to maintain liaison between the deaf and public Government and other authorities and to educate the deaf in the country for their rights and responsibilities, etc.

In 1957 the All India Federation of the Deaf was affiliated to the World Federation of the Deaf. The Institute of Vocational Training Centre for Photography was established in November 1960. The Printing Press Institute for the deaf was set up in November 1962. The AIFD organized the 2nd All India Deaf and Dumb Sports Meet at the National Stadium in 1965. A special feature of this meet was the creation of All India Sports Council of the Deaf (AISCD) as the sports wing of the AIFD. The AIFD started its official magazine "Mook Dhawani" in March 1968. In the same year Dr. Zakir Hussain, the then President of India, accepted to be the Chief Patron of the All India Federation of the Deaf.

AIFD is an apex body of different affiliated organization spread all over India and serves the deaf Community in elevating living quality of the Deaf. Globally, it works with World Federation of the Deaf (WFD) which is in turn affiliated to UNESCO, UNICEF and ILO of United Nations Organization UNO). To develop awareness campaign, AIFD has been constantly supplying necessary assistance to the affiliated organizations and
bring different NGOs working for similar causes under one umbrella. The organization has been presented number of award at the National and State level.

For Socio-economic mainstreaming of the deaf, AIFD has promoted Multipurpose Training Centre for the Deaf (MPTCD) at Delhi, which renders vocational training with residential facility for the Deaf boy and Girl. Project or AIFD are duly recognized by the Ministry of Social Justice and Empowerment, Govt. of India which provides grants this purpose.

3.2.2 **Objective of AIFD**

AIFD strives for the all round welfare and total rehabilitation of the deaf; creates awareness about their problems and protects their rights; establishes homes, hostels and institutes for them.

3.2.3 **Activities of AIFD**

The activities of All India Federation of the Deaf include free distribution of hearing aids to needy and the poor, material and moral assistance to affiliated state organization, participation in National and International Congresses and seminars, counseling and guidance to organizations of the deaf in cultural performances, painting, photo and other competitions.

3.2.4 **Multi Purpose Training Center for the Deaf (MPTDC)**

AIFD has been running a vocational training centre named MPTCD at 12-13, Special Institutional Area, Shaheed Jeet Singh Marg, (Near Jawaharlal Nehru University), New Delhi-110067. It has two separate buildings on its 1.5 acres campus. There are also open spaces for future expansion and playground.

Deaf students aged between 14-30 years, are trained in different trades. Presently, it run main trades e.g. computer (PGR and PGA), Photography, Fitter and Turner, and Cutting and Sewing. Vocational training is rendered in 4 trades; each trade is subdivided in two batches for fresher and advanced students with duration of one year for each batch. The 1\textsuperscript{st} year Refresher courses (one year) are mostly for confidence building in the trade along with Linguistic mainstreaming 2\textsuperscript{nd} year advanced courses are kept equivalent to ITI curriculum. So, the total list of batches are as follows:
- Cutting and Tailoring (Refresher)
- Cutting and Sewing (Advanced, ITI Affiliated)
- Photography (Refresher)
- Photographer (Advanced, ITI Affiliated)
- Fitter and Turner (Refresher)
- Fitter and Turner (Advanced with ITI Curriculum)
- Printing Graphic (Refresher)
- Printing Graphic (Advanced Level)

The trainees for the MPTCD have been coming not only from Delhi but also from other states all over India. Admission is conducted with prior notification and publicity. The printing course has been re-oriented by amalgamating with computerized techniques. Cutting and Sewing and Photography courses got recognized by Industrial Training Institute (ITI). Government of India Initiative is going on for Reorganization of other courses too. Currently, the digital techniques have been added with the photography curriculum to make the training more contemporary. Academic season starts from August every year. Candidates seeking admission are required to qualify the screening test conducted by MPTCD and or according to directive of ITI authority Ministry of Technical Education, Delhi. Candidate who has passed at least VIII standard and 14 years of age is eligible for admission. Special cases are treated subject to individual merit. Since its inception (1977), MPTCD has produced more than 2780 boys and girls. Many of them have been gainfully employed in different parts of India.

Question papers for the Final Examination are conducted by external examiners from ITI INSDOC etc. The Cutting and Sewing (Tailoring) and Photographer trades have been affiliated to National Council for Vocational Training (NCVT). In the First 4 batches ITI, the candidates have come out with almost 100% success, and secured more than 80% marks in average in practical examination. One more course. Fitter trade is in pipeline for recognition of National Council for Vocational Training (NCVT). AIFD feels sure of the possibility of their gainful employment because of the ITI recognition in future.
3.2.5 Services/Activities at AIFD

- **Sign Language Course**
  Two years back AIFD started Sign Language Research and Training Centre at MPTCD. The Centre, working under a Director, is training deaf and non-deaf both in Sign Language Communication, along with working for standardizing of Sign Language and raising standard fit for legal, higher education and technical communication. It is scheduled to bring out necessary literature on this matter.

- **Free Hearing-aids Distribution**
  AIFO has been providing free hearing aids to the poor and needy people. Initially, AIFD had started this project on its own. Now this project is duly recognized by the Ministry of Social Justice and Empowerment, Govt. of India, who are supporting it with a grant. This program was temporarily closed due to lack of Govt. grant. It is expected to restart from 2010 onwards. AIFD also organizes Hearing-Aids Distribution Camps at different places in and outside Delhi to reach the hearing aids to the poor and needy hearing impaired.

- **Certificate and Diploma Distribution**
  AIFD organize a Certificate and Diploma Distribution Ceremony every year in its MPTCD Campus. Students also participate and put up a cultural programme on the occasion. Certificates and Diplomas are distributed among the passing out students, excluding candidates for ITI.

- **Hostel for the Deaf**
  AJFD is running a Hostel with separate sections for boys and girls. Since last 5 years there have been 175 hostellers in total, including girls by 15%. This year the hostel students have excelled in different indoor and outdoor programmes, at competitions in Delhi and outside too.

- **Scholarships**
  Scholarships are organized for the needy students, including few sponsorship for poor ones. At MPTCD, many of the participant’s are with stipends through Govt. channel.
Scholarships have been awarded to needy deaf students with the help of philanthropists. Jindal Foundation, Lioness Club, etc.

Approximately an amount of 1, 80,000 has been awarded among 75% of the students of MPTCD in the form of Scholarship/Sponsorship from Govt. and other generous donors during 2009-10, averaging around 7000 per person annually.

- **Placement Section**
  AIFD has been running a placement section through which qualified deaf people are employed in various Government and private organization. Despite many set-backs, placement section has already rehabilitated 14 candidates in different Govt. and private sectors during 2009-10.

  This year, a number of deaf employments have been channelized to beverage companies, e.g. KFC, Yum International and CCD etc.

- **Marriage Bureau**
  AIFD has a Marriage Counseling Section in its Central Office and has been able to help in arranging a number of marriages among the deaf couples and also helped to resolve the differences in many emotional cases.

- **Financial Problem**
  Govt. grants are far from sufficient to meet even fraction of AIFD's ongoing cost of the programmes. Therefore, AIFD largely depends on public donations. But donations and Govt. grants are drying-up day by day, which leads to acute Shortage of funds. AIFD has passed through extreme financial constraints. It will have to locate additional fund inflow to run its programmes efficiently. This year, AIFD struggled to collect as much by reaching large number of people.

  AIFD recognizes the cooperation of its staff and members in keeping its programmes running at a satisfactory level even with interruption of regular pay within the organization. There are many donors who generously donate both in cash or kind for running the welfare activities at AIFD.
- **Sport and Culture Activities**
  Overall performance of MPTCD in sports is satisfactory but some individuals’ performance is remarkable. AIFD’s students qualified in National and International level competitions. Students of MPTCD toured Sitlakhet, Uttarakhand during December and enjoyed the natural beauty of the Hill State. They also visited Red Fort and Akshardham Temple with the help of Archeological Survey of India.

- **AIFD Trust**
  AIFD has formally promoted a ‘Trust Body’ to safeguard all its movable and immovable assets as per its constitution. The ‘Trust Body’ meets several times to advise the activities of the federation.

- **Medical Check Up**
  Every year regular medical check-up at MPTCD is conducted by Dr. Chandra Mohan Saini in voluntary capacity. Dr. Saini also volunteers his medical service whenever required at the Hostel for the Deaf.

3.2.6 **Future Programmes of the AIFD**
  AIFD wants to extend its activities by adding some more projects to its existing projects. These are as follows:

  - An early prevention and detection centre
  - Old Age Home for deaf
  - Sign Language Interpreter Course
  - R&D Centre
  - Craft and Hobby Center
  - Yoga and Speech Therapy
  - Cooking Course
  - Expansion of the Constructed area of MPTCD
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3.3 Profile of the AJRRC (Amar Jyoti Research and Rehabilitation Centre)

3.3.1 About AJRRC (Type of Disability covered: Locomotor and Deaf and Dumb)

Amar Jyoti Research and Rehabilitation Centre was established in 1981 at Delhi, under the aegis of Amar Jyoti Charitable Trust. Amar Jyoti is a voluntary organization rendering rehabilitative services to persons with disabilities through a holistic approach of inclusive Education, Medical Care, Vocational Training, Child Guidance and Self-Employment. The AJRRC has the following units:

- Institute of Physiotherapy
- School for Inclusive Education
- Teachers Training Centre for Special Education
- Orthotic and Prosthetic Workshop
- Vocational Training Centre
- Child Guidance Centre
- Medical Care Centre

Figure 3: Amar Jyoti Research and Rehabilitation Centre
3.3.2 Mission and Vision of AJRRC
To provide equal opportunities and full participation to Persons with Disabilities.

3.3.3 Role of AJRRC in Academic Activities

- School with a difference
  In 1982, Amar Jyoti Charitable Trust started a school with a pioneering concept of educating children with and without disability in equal number from nursery to class VIII. Starting with an integrated group of 30 children under a tree, the school now has about 450 children in Delhi and 275 in its branch at Gwalior.

  Figure 4: Amar Jyoti School Practicing Inclusive Education for 31 years
  With the object of having inclusivity and providing comprehensive services, under the guidance of professionals at the Child Guidance Clinic and special educators, children are provided opportunities of social, recreational and vocational integration along with academic remediation as per need. The school in Delhi is supported by the Ministry of Social Justice and Empowerment and in Gwalior by Ministry of Human Resource Development.

- Amar Jyoti Institute of Physiotherapy
  The Amar Jyoti Institute of Physiotherapy (affiliated to University of Delhi) opened its doors to the first batch of students in the year 1999, with an aim to provide health-care needs of the community through education and training of Physiotherapy practitioners. The course capacity is 30 students and admission is through an entrance examination conducted by University of Delhi. The Bachelor of Science (Honours) Physiotherapy course is of four and half year duration including six months of Internship after the completion of this course.

- Centre for Teacher’s Training in Special Education
  Amar Jyoti Charitable Trust is conducting following courses in special education recognized by Rehabilitation Council of India (RCI) and IGNOU. The video conference unit supported by DELL facilitates on line teaching through Intranet.
✓ Diploma in Special Education – Mental Retardation (D.Ed.(SE)(MR) - Regular 2 year (4 semesters) with an intake of 25 students per batch.
✓ Three months e-learning programme on `Aspects of Learning Difficulties for young children and adults with disabilities’ in collaboration with Roehampton University, London accredited by Rehabilitation Council of India. Intake of this course is 30 students per batch twice a year.

- **Distance Mode Courses**
  ✓ Two years Bachelor in Education (Special Education- Mental Retardation)
  ✓ Foundation Course (3 months duration) on Education of Children with Disability in Special Education : (4 batches in a year)
  ✓ One year Post Graduate Professional Diploma In Special Education: Mental Retardation
  ✓ Six months Post Graduate Professional Certificate in Special Education Mental Retardation

3.3.4 **Accredited Study Centres**

- **National Institute of Open Schooling (NIOS)**
  Students who cannot cope with Central Board of Secondary Education syllabus have the option to continue their studies under NIOS. Amar Jyoti is accredited for IIIrd, Vth, VIIth, Xth and XIIth standards.
  We conduct the following NIOS accredited vocational courses:
    ✓ Tailoring
    ✓ Beauty Culture

- **Indira Gandhi National Open University (IGNOU)**
  In 1999 Amar Jyoti Charitable Trust was accredited as special study centre of IGNOU (0734 D) for extending the facility of open education to the physically challenged, housewives and people who are already employed, so that they have an opportunity to improve their qualifications. Counseling sessions are organized only on Saturdays and Sundays.
**Programmes being run:**

- Post Graduate diploma courses in Journalism and Mass Communication as well as Audio Programme Production (PGDAPP)
- Bachelors courses in Preparatory Programme as well as Library and Information Science (BLISc)
- Diploma courses in Early Child Hood Care and Education as well as Nutrition and Health Education
- Certificate courses in Guidance ‘Nutrition and Child Care; Teaching English; Food and Safety

### 3.3.5 Vocational Training Courses

Vocational training is an integral part of the curriculum for the students at Amar Jyoti School. The AJRRC runs courses recognized by the Delhi State Council of Vocational Training:

- Computer Hardware and Networking
- Beauty Culture
- Household wiring and repair of Electrical Home Appliances

In addition, students are provided opportunities for training in the following areas:

- Art and Craft
- Jewellery Making
- Jute bag making
- Computer Applications
- Bakery

![Figure 5: Computer Education at Amar Jyoti School](image-url)
3.4. Profile of the CSL (UNIVERSITY OF DELHI)

3.4.1 About CSL (Type of Disability covered: Locomotor)

The emergence of Central Science Library (CSL) dates back to 1981 prior to that, it was a part of Central Reference Library (CRL), Delhi. However, the need to have a separate Science Library was shown much earlier by Carl M. White in 1966 who recommended "that a Science Library be created to serve the departments, which consist of Faculty of Science and that the collection now maintained by these departments and related material in the main library be used to form the nucleus of the new library. A Science Librarian of outstanding ability be employed to take charge of it and that a new building be erected to house the library.

With the growth of the University, the membership of Central Library was also increasing continuously, as a result in due course of time with increasing membership and their changing information needs, it became inconvenient for Central Library to serve the users, belonging to the faculty of science effectively. So CSL was separated from CRL and housed in a separate building to serve members of science faculty. The three-storied building having a carpet area of 22,595 sq. feet with a sitting capacity of 185 seats started functioning independently with effect from 8th April 1981. The administration of CSL is under the Dean of the Faculty of Science.

3.4.2 Library Building

The Central Science Library is situated in the vicinity of Science Departments viz Anthropology, Botany, Zoology, Physics, Chemistry, Geology, Environmental Biology and others. The three storied library building in red stone and concrete is located in beautiful surroundings of parks, flowers and ornamental trees amidst various science faculties. It is just opposite to and very near to Delhi University Computer Centre. Hence
it would always facilitate in its modernization. The library has been organized as follows:

- **Ground Floor**
  The ground floor of the library has the Incharge Room, Issue/Return Counter, Membership, Internet Access Facility, Public Catalogue, Acquisitions Section, Processing Section, textbooks collection and the Reference desk.

- **First Floor**
  The first floor of the library has the Periodicals Section. It has three stack areas and display of new journals and a reading room where current issues are arranged alphabetically. Presently the Library is subscribing to 350 journals. The photocopy facility is also available on this floor. The 1st stack hall contains journals in Biological, Chemical and Earth Sciences. The 2nd stack hall contains journals in Physical, Chemical, Mathematical and Natural Sciences.

- **Second Floor**
  The 3rd stack hall contains books and journals published before 1970, A/Cs and establishment and binding section.

3.4.3 **Departments served by CSL**

The CSL is situated in the north campus of the University of Delhi to serve the needs of 13 Departments of Science Faculty. These are as follows:

- Ambedker Centre for Biomedical Research
- Department of Anthropology
- Department of Botany
- Department of Chemistry
- Department of Computer Science
- Department of Environmental Studies
- Department of Geology
- Department of Mathematics
- Department of Operational Research
- Department of Physics and Astrophysics
- Department of Statistics
- Department of Zoology

3.4.4 Library Hours/Timings

The Library functions for nearly twelve hours during most of academic session. Library hours are subject to change and all changes in timings are notified on the notice board well in advance. The Library remains open round the year except Republic Day, Holi, Independence Day and Gandhi Jayanti. The Library Hours are as follows:

<table>
<thead>
<tr>
<th>Days</th>
<th>Timings</th>
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<tbody>
<tr>
<td>Monday to Friday</td>
<td>9:00 am to 8:00 pm</td>
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<tr>
<td>Saturdays and Holidays</td>
<td>9:00 am to 5:30 pm</td>
</tr>
<tr>
<td>Sundays</td>
<td>9:00 am to 5:30 pm</td>
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<tr>
<td>(During Semester Examinations)</td>
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</tbody>
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3.4.5 Library Collection

The library has a total collection of about 1 lakh 80 thousands volumes including books and bound journals. Some of the collections are also available in the form of CDs and floppies purchased as well as received along with the books. The books for various advanced centers are purchased and processed in CSL and then sent to them. The library is subscribing to 350 foreign and Indian journals. The rare book section is housed on top floor of the library.

The members have the privilege of direct access to shelves in the stack halls for general books collection. It is important that the arrangement of books be maintained on the shelves for the convenience of members themselves. While books can be freely taken out of the shelves and on no account should they be reshelved by the members because of the danger of their misplacement.
Textbook Collection
Science Library Text Books Section contains reading materials covering prescribed readings, recommended readings allied and relational readings and such other reading materials as may be considered important for placement along with such text-related materials. Minimum one and even more copies as may be considered necessary be retained in the text-book collection ‘For Consultation only’. Text Book Section is operated through the page service by the Library Staff and is not open to access by users. Books are issued for 3 days from this section. Only the ticket marked No. 1 (Text Book) shall be used for borrowing books from this section.

Periodicals Department
Periodicals collection of Central Science Library is housed in the 1st and 2nd floors. CSL is subscribing to 370 learned and scientific periodicals including abstracting and indexing journals like Sci-Finder Scholar, Web of Science, Mathematical Reviews, and 28074 Online Journals from societies and publishers. Bound volumes of journals are arranged according to Colon Classification Scheme same as used for Books. Loose issues are arranged broadly by subject and within subject alphabetically. ‘Current list of Subscription’ which is revised annually and a Holding List of periodicals is available in Science Library and kept at the Counter of Periodicals Section for locating availability of journals in CSL. The lists are accessible through CSL website http://csl.du.ac.in.

Periodicals Section through National Union Catalogue of Scientific Serials in India (NUCSSI) and Developing Library Network (DELNET) helps its clientele in identifying availability of Journals in other libraries in Delhi and makes efforts in acquiring a photostat copy through e-mail attachment.

3.4.6 Library Membership
The Postgraduate, M.Phil., Ph.D. Students and Faculty members of the various disciplines mentioned above and college teachers of the same disciplines are eligible for the membership of the Library. They have to get their memberships renewed every year, as all memberships are valid only for one academic year i.e. from July-June. In no case membership is valid for more than one academic year.
A schedule for the registration of eligible members is notified to the concerned University Departments and colleges by the Library in the month of July every year. Application for membership is to be made on the prescribed form obtainable from the membership section of the Library on production of the Identity cards (Identity Cards not applicable in the case of faculty members). Applicants are required to obtain a recommendation on the application form from the Principal of the College or the Head of the Department of the University as the case may be.

3.4.7 Library Orientation Programme
CSL organizes Library Orientation Programme in which new users are acquainted with the library and its various services. Notices are pasted regarding orientation and availability of library resources on University website, Central Science Library website and Helpdesk etc. Computer terminals are also provided for the purpose. Additional orientation programme are also arranged on the basis of request by a group of users. If the users are curious to know anything, Central Science Library Incharge is always ready to deliver orientation.

3.4.8 Services provided by CSL
Library is essentially a service organization to cater to information needs of its users. CSL acquires the documents, processes and organizes them on the shelves for purposeful utilization of its resources and provides various useful services to its users. The various services provide by the library are as follows:

- **Circulation**
  It is one of the most popular services of the library. It is also called lending service as books are lent or issued to the users by circulation section according to users entitlement. Library is using a Brown Charging System for charging and discharging of books. The general books and journals can be accessed through open access while textbooks are in close access and are issued for 3 days only. On an average 250 books issued and about 600 books are given for consultation against I-Card per day.
Books Reservation
When a particular book required by any user is already issued out, then issue and return counter staff writes down the name of the user and details of that book in a register maintained by them (very shortly such reservation will be undertaken online). When a reserved book is returned back, then if that book belongs to “only for consultation” category then it is retained by 1 day for the user who has reserved it. If the book belongs to “Text Book Section” it is retained till the next day and if the book belongs to “General Category” then it is retained for 3 days.

Renewal/Reissue
Any book may be renewed/reissued on its due date provided, it is not reserved by any other user or it is in heavy demand.

Book Borrowing System
On each occasion the book is borrowed, a library ticket is to be given at the Issue Counter and the Identity Card is to be shown. The Library ticket shall be generally restored to the members, when the book is returned, but the library ticket may be retained by the library staff, if any problem is detected at the time of return of the book, to be discharged only when the case settles.

Conditions of Loan
Reference books, rare books periodicals (loose issue and bound volumes) and such other reading materials as marked ‘Not to be Issued’, ‘For Consultation Only’ shall not be issued out on loan except with the special permission of the Librarian-In-Charge, Science Library. Books on loan with members can be recalled by the ‘Librarian In-Charge’ at any time without assigning any reason thereof.

Inter Library Loan
No library is self-sufficient today on account of ever increasing such information needs of research scholars and ongoing multi disciplinary research being conducted in the university. So when the required documents are not available in the collection of respective library, ILL facility is used to acquire documents from some other library, for the purpose of use and consultation by its scholars and teachers. Library on
receiving written request from its members, arrange for its ILL by sending requisition to the particular library. Similarly CSL also lends documents to other libraries on ILL.

- **Bibliographical Service**
  Such services provided to Faculty Teachers and Research Scholars selectively on demand both manually and online from e-journals.

- **Display of Latest Books and Journals**
  Display of books and journals is a regular feature of the CSL, which keeps the users aware of the latest literature, and the development taking place in their fields of specialization. Latest issues of journals are being displayed alphabetically by the titles under broad subjects in the periodicals department. Books are displayed in the ground floor which is replaced by a new lot of books on a fortnight basis. CSL also sends some selected journals for display for 10 to 15 days to South Campus Library.

- **Reference service**
  CSL has a provision for reference services. The users who approach the library with a reference query are provided with the required information or source of information. For document tracing facility, which is a part of reference, library maintains a register where users fill the information about the document to be traced such as a Call Number, name of the author and title etc. Usually library takes a few hours to trace the document. CSL staff has lot of information skill both online and manually to provide suitable reference service to users.

- **Photocopying Service**
  CSL has the provision of photocopying services through commercial photocopying service available to the users started in the year 1998 when CSL was finding it difficult to meet the user's demand. The demand of photocopying is very heavy and during the last financial year approximately 3.5 lakh pages from various journals and books have been photocopied. The CSL has enrolled with "Indian Institute of Science, Bangalore" for providing photocopy of articles from journals, which are available there on payment basis.
• **Computerization**

CSL library has 90 Personal Computers installed, and the computerization process of the library has completed. The library is using Troodon software. Prior to Troodon, the CDS/ISIS software was used in acquisitions and cataloguing section. The CSL is actively engaged in rendering e-resource availability through http://csl.du.ac.in.

• **Internet Access Facility – E-Resource Centre**

The library is having Internet Access Facility and is available to science stream clientele only. All Internet services like E-mail, browsing, and downloading are open to all the science users. In some cases printouts of articles are also provided. Presently more than 90 databases and 28074 online journals from various publishers are available through IAF. A list of such online journals is on CSL Website under http://csl.du.ac.in, www.du.ac.in.

• **E-mail**

The CSL provides the advantage of Email services to the users informing them about the latest additions and E-alert services. Articles on request by the users are sent or received through Email attachments.

• **Consultation Facility**

The university being central in character has provision to allow scholars of other universities to consult library resources Rs.100 per month. As a result research scholars and teachers from universities like Agra, Indore, Meerut, Gorakhpur, Patna, Jaipur, Jodhpur, Chandigarh, Jammu, Punjab, Roorkee and Pune etc. have consulted the library and a number of scientists and researchers from IIT, NPL, DESIDOC, INSA etc. also regularly visits and consults the library.

**Contact Details**

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3.5 Profile of the DDCSE (Blind Relief Association)

3.5.1 About DDCSE (Type of Disability covered: Blind)

Durgabai Deshmukh College of Special Education (Visual Impairment) was established in 2006 to conduct Bachelors Degree programme in Special Education for the Visually Impaired under the Faculty of Education, University of Delhi and recognized by the Rehabilitation Council of India. The college has been included in the list of colleges prepared under section 2(f) of the University Grant Commission (UGC) Act, 1956.

The college is established and run by the Blind Relief Association, Delhi, a premier non-governmental organization, conducting training programmes to prepare special teachers for the visually challenged for more than 4 decades. The Training Centre for the Teachers of the Visually Handicapped (TCTVH) being run by BRA was established in 1967 under the aegis of National Institute for the Visually Handicapped (NIVH), the then National Centre for the Blind.

3.5.2 Objectives of DDCSE

The National Institute for the Visually Handicapped provides the financial support to run the B.Ed. (Special Education-VI) course for preparing qualified and high-quality educators for the visually impaired. Therefore, Durgabai Deshmukh College provides an excellent opportunity to the teachers to acquire a comprehensive knowledge on education, vocational training, personality development and rehabilitation of the visually challenged.

Keeping with its rich heritage, the college also initiated various curricular and co-curricular activities providing equal opportunities to both seeing and visually challenged students, such as taking part in inclusive sports events, cultural activities etc. The college is an active member of the Equal Opportunity Cell of University of Delhi and the students of the college participate in various co-curricular activities of the university.

3.5.3 Services of DDCSE

The college has a library with comprehensive collection of books on special education, particularly on visual impairment. Library has 2549 volumes of print and Braille books. More than 100 of back volumes of Periodicals, Research Bulletins, Conference, Proceedings and Reports are available in the library. It also subscribes to 16 National and
International journals/periodicals on Education and Special Education. It provides ample opportunity to students and teachers to develop their professional skills and enrich their knowledge.

The library offers 423 recorded audio cassettes and CDs to cater the needs of the visually challenged students. Internet facility is also available in the library. For the benefit of print disabled students, the college has the facility of 'Book Share', an Online Digital library. The college also has a resource room equipped with special teaching aids and devices.

BRA campus has a big Technical Training Centre where the programmes on different areas like vocational training, including light engineering, book-binding and stationary making, relaxation massage, computer training, call centre training etc. are being conducted for the benefit of the visually challenged. The college also extends the facility of audio recording and Braille printing of study materials to the visually impaired students as per their requirement through the In-house recording studio and Braille Printing Unit. Moreover, BRA regularly hosts National-level sports training and competitive events for the blind.

The College's excellent location and the facilities conveniently available through it provide an ideal environment for pursuing course in special education with a special focus on visual impairment. The college has close association with various National and International universities offering courses in Special Education, like, Jamia Millia Islamia, Roehampton University, London, Kurukshetra University, Guru Govind Singh Indraprastha University, IGNOU, JRHU, Chitrakoot, M P Bhoj University, Banaras Hindu University, etc. The college also provides academic as well as technical consultancy to various institutions in India and abroad. Above all, the College has eminent and highly experienced regular and guest faculties.

**Contact Details**

**Director**

The Blind Relief Association (DDCSE),
Lal Bahadur Shastri Marg, Near Oberoi Hotel,
Lodhi Road, New Delhi-110003

Phone: 011-24368529, 24360480

Email: blindrelief@gmail.com
3.6. Profile of the EOC (University of Delhi)

3.6.1 About Equal Opportunity Cell (Type of Disability covered: Blind)

The Equal Opportunity Cell was established by the University of Delhi on 27\textsuperscript{th} June, 2006 to address the issues related to SC, ST, OBC and PWD on a continual basis along with a policy Draft ensuring a barrier free, equitable and accessible space to the PWDs in the field of Higher Education. The University of Delhi, under the ambit of the Equal Opportunity Cell, signed an MOU on 1\textsuperscript{st} August, 2007 with NTPC Foundation charitable Trust to establish a Resource Centre in the erstwhile Graphic Arts Centre, near the Central Reference Library, in the University, to cater to the varied needs of all categories of persons. The newly built centre was formally inaugurated on the 20\textsuperscript{th} of October, 2008 and became fully functional.

The Resource Centre has a Reception-cum Information Centre; a Training Centre for sign language; an equipment room for Braille embosser and other high ended equipments; a computing laboratory with 15 terminals for the visually impaired; Special educators, Training room-cum-seminar-cum-committee room with adequate furniture and IT gadgets; a room for aids and appliances to be made available through a non-profit organization; and 2 toilets completely modernized for the differently abled users community. NTPC has also built up a tactile path from the main gate of the Arts Faculty Complex and from the tutorial building to the Resource Centre. The centre is probably the first of its kind in any Indian university.

![Figure 7: Training room-cum-seminar room at EOC](image)
As per the MOU, the Resource Centre will have a Director to take care of the overall operation and functioning of the Centre with two technical persons along with other administrative and sundry staff.

3.6.2 Services provided by EOC

- **Computer Study Centre:** The centre has two computerized study-cum-training labs equipped with the best assistive softwares and devices such as Screen Reading Softwares (Jaws, SAFA), Screen Magnification Software (MAGIC), OCR Software (FineReader) Braille Display and the Voice Recognition Software (Dragon Software). The students scan and read books independently using the available talking software, search for material on the internet and prepare their assignments etc. The Braille Embosser provided at the centre converts print books into Braille books for easy reference. Students can also avail the facility of a reader at the Centre.

![Figure 8: Computerized Study-cum-Training Labs at DU-NTPC](image)

- **Talking and E-Text Books:** The Braille Library also has Talking Books production facility and over the years it has built up a collection of more than 1100 titles. Also, there is a collection of nearly 4000 E-Text books. The books are now also available on CDs in the latest DAISY format. University of Delhi became the first University of India to adopt DAISY standards for talking books.

- **List of Assistive Devices at the Centre:**
  - One hand keyboard
  - Large Print Keyboard
✓ Mouth Sticks
✓ Braille Embosser
✓ CCTV
✓ Computer-Desktops (Labs)
✓ Computers Desktops (EOC)
✓ Laptops (EOC)
✓ Scanners
✓ Screen Magnification Software
✓ OCR Software
✓ SAFA

- **DVDs and Books on Disability**: The Centre now has a good collection of DVDs and books on disability issues.

3.6.3 **Rules and Regulations for Accessing E-resources at EOC**

- Books in accessible formats (Audio talking books/E-text books/Braille books) are available only to the persons with print disabilities (Students, Researchers and Faculty members of Delhi University Faculties, Departments and Colleges).

- Students, Researchers and Faculty members are required to take the membership of Braille Library to access the resources and services.

- Books in accessible formats (Audio talking books/E-text books/Braille books) can be given in bulk to institutions under the University of Delhi if request is received from head of the institution. The institutions will be asked to provide a undertaking that the books will be distributed only to people with print disabilities.

- Student members may be issued 50 books and teaching faculty members and researchers may be given 80 books in a session.

- If the student, researcher or teacher require more than the above mentioned number of books, they should give a letter of request from head of their institution/department.

- Braille library members can take the accessible books in any of the available mediums namely CD, USB hard disk, USB pen drive, USB MP3 players etc. The library will
provide CDs free of cost only to student members. All other media (USB disks etc) have to be provided by the members themselves.

- The above mentioned rules apply only to the books which exist in accessible formats in the library.

3.6.4 Policy Document on the Differently-Abled

This document constitutes a policy statement on behalf of the University of Delhi regarding differently-Abled students and staff for improvement in the overall infrastructure, and in the learning and teaching process for the differently abled academic community. Through the policy document the University of Delhi commits itself to providing all possible facilities to the differently abled irrespective of visual, hearing, orthopedics or other kinds of impairment. The mission is to enable all differently abled students and staff to participate fully in the academic, intellectual, social, and cultural life of the University and society.

3.6.5 Objectives of the EOC

- To undertake the task of sensitizing the academic community consisting of staff and students and the general public to the problems and strengths of the differently abled.

- To make its total environments secure, accessible and friendly for the differently abled by encouraging its colleges, faculties and departments to provide necessary infrastructure and academic support for the differently abled.

- To generate resources to provide tuition assistance and special equipment, educational counseling, and trained readers and writers to the differently abled.

- To fulfilling all statutory requirements for differently abled persons by providing equal opportunities in the teaching, learning and employment process.

3.6.6 Current Status

- Admission: Undergraduate admissions are facilitated centrally by the Office of the Dean of Students Welfare keeping in view merit and convenience. It is estimated that about 300-350 differently abled students register themselves annually in the formal streams in different courses. The University Health Centre determines the degree of impairment of differently abled students.
The university allows for a 5% relaxation in eligibility criteria with respect to differently abled students. However, when entrance to a course is based on a written test, the student must take the same in order to qualify for admission.

- **Braille Library:** The University Braille library was established in the 1970s and was indeed the first of its kind at that time. It still produces Braille material manually and is regularly used by the visually impaired. However, with the availability new Braille technology, the University is trying to augment the facility based on current needs. The Braille library is located in the Central Library of the University.

- **Audio-book Resource Centre (ABRC):** The ABRC provides recorded cassettes to visually-impaired students. There are three recording studios in the ABRC which is located next to the Braille library in the Central Library. ABRC makes an effort to identify the books students might need most and undertakes to record them. It has a collection of several hundred recorded books available for use.

- **Courses:** The University of Delhi recognizes several courses currently being run by organizations and institutes in Delhi:
  
  - Bachelor in Physiotherapy, four and a half year course offered by Amar Jyoti Research and Rehabilitation Centre, Karkardooma, Vikas Marg, Delhi-110092.
  
  - Post Graduate Diploma in Special Education, one year course offered by Action for Ability Development and Inclusion.
  
  - B.Ed, Special Education of the Visually Impaired, Durgabai Deshmukh College of Special Education, one year course offered by The Blind Relief Association, Lal Bahadur Shastri Marg, New Delhi-110003

- **Computer Lab:** The University has recently set up a Computer Lab with four computers and two scanners. The computers are equipped with the Jaws software. The Lab is used regularly. Approximately ten to twelve students visit it every day. The computer lab has helped the University to start talking books and E-texts.
▪ **Employment:** The University has undertaken the responsibility of inducting teaching and non-teaching staff in various departments units by advertising the positions. It has also requested all colleges to recruit such people and fulfill the statutory obligations.

▪ **Improvement in Physical Infrastructure:** In the recent past the University has undertaken access audit work to identify the infrastructural pitfalls inhibiting the access of differently abled persons within the University premises. These pitfalls are being remedied with the construction of ramps, special toilets, and other modifications in selected university buildings.

3.6.7 **Future Plans**

▪ **Sensitization:** The primary task of the University is to undertake the sensitization of all concerned including students, teachers, administrators, government officials, NGOs and political leaders about the problems facing the differently abled. A complete support system is required to enable them to function creatively in society. In this direction, the University will organize advocacy programmes in the form of lectures, group discussions, leaflets, films etc to sensitize people about the differently abled. The prospectus of the University departments and colleges and the Information Bulletin brought out by different departments and faculties will present the every possible information concerning the facilities worked out for the differently abled.

▪ **Barrier-Free Environment:** The University commits itself to providing provide a barrier-free environment where all students including the differently abled can move freely. At present, visually impaired students find it impossible to cross university roads without some help. Students and employees with locomotor problems on account of polio, nervous disorders or orthopedic abnormality face severe problems in an environment which is created only with 'normal' people in mind. It is mandatory on the part of the University and colleges to build a safe corridor to which no vehicular traffic has access. To this end the University is undertaking construction of a barrier free environment by building ramps that would provide easy access to some buildings on campus. It will also ensure that there is at least one toilet in each building which is accessible to persons using wheelchairs.
Resource, Research and Rehabilitation Centre (RRRC): The University undertakes to build a comprehensive Triple R Centre which will function as a local as well as a national resource centre for all differently abled students. The facilities will include Braille Embossers networked to computers, digitized audio books, a collection of e-texts, aides for the hearing impaired and the orthopedically challenged. The Centre will also collect data relating to the nature, quantum, distribution and needs of the differently-abled. Finally, it will provide counseling to help these students in getting suitable employment and rehabilitating them as individuals fully able to participate in community life. The University will make every possible effort to sustain and develop the RRRC, in collaboration with other national and international agencies. Within the University it will build links with the NSS and other voluntary groups.

Special Funding: The University commits itself to providing fellowships to the differently abled to help themselves with necessary personal equipments in the form of tape recorders or cassettes and sufficient reading materials.

Writers during Examinations: The University commits itself to making adequate arrangements and/or use of computers for the differently abled students in accordance with their individual requirements during their annual and term examinations.

Provision of Study Materials: The University will attempt to provide basic study materials in accessible format such as Braille, talking books, large print or e-text to all differently abled students.

Contact Details
Coordinator
Equal Opportunity Cell, Faculty of Arts,
University of Delhi, Delhi-110007
Phone: 011-2766
Website: http://eoc.du.ac.in/
3.7. **Profile of the IPH (Institute for the Physically Handicapped)**

3.7.1 **About IPH (Type of Disability covered: Locomotor)**

Pt. Deendayal Upadhyaya Institute for the Physically Handicapped is an autonomous organization under the administrative and financial control of Ministry of Social Justice and Empowerment, Government of India. The Institute for the Physically Handicapped came into being when the erstwhile Jawaharlal Nehru Institute of Physical Medicine and Rehabilitation and other allied institution run by the council for the Aid of crippled and handicapped were taken over by the Government of India on 22nd May 1975 and converted into an autonomous body in the year 1976. It was renamed after Pt. Deendayal Upadhyaya in the year 2002.

3.7.2 **Aims/Objectives of IPH**

The Institute aims to serve the physically disabled of all age groups. In this pursuit of alleviating the suffering of disabled people, the Institute runs following programmes:

- Bachelor of Physical Therapy, Bachelor of Occupational Therapy and Bachelor of Prosthetics and Orthotics, 4 ½ years duration course in affiliation with University of Delhi.

- Outpatient clinical services in Physical Therapy, Occupational Therapy and Speech Therapy.

- Workshop for the fabrication of Orthotic and Prosthetic appliances including calipers, splints, artificial limbs, surgical boots and customized wooden furniture for the persons with different types of locomotor impairments. **Figure 9: Institute for the Physically Handicapped**

- Out-reach camps for the economically weaker disabled persons, living in the far-flung and remote areas, with the help of concerned district administration and locally active non-governmental organizations.
- Extension of institutional comprehensive rehabilitation services to persons with disabilities by establishing and operationalizing the Southern Regional Centre (SRC), Secunderabad (AP), Composite Regional Centres at Lucknow and Srinagar, District Disability Rehabilitation Centres (DDRCs) in the state of Rajasthan and facilitating the establishment of Regional Spinal Injury Centre at Bareilly (U.P.).

- Integrated School for orthopedically disabled children up-to V<sup>th</sup> standard approved by Municipal Corporation of Delhi.

![Figure 10: Integrated School for Orthopedically Disabled](image)

- Provide Social, Psychological and Vocational Counseling Services to the persons with disabilities.

- Printing Press to cater to the printing needs of the Institute and Ministry for dissemination of information and generation of awareness.

### 3.7.3 Services of IPH

#### Outreach Services

The workshop division is extending sophisticated Prosthetic, Orthotic and Rehabilitation aids and appliances to Persons with Disabilities through District Disability Rehabilitation Centre (DDRCs). The outreach comprehensive rehabilitation camps are organized in collaboration with other National Institutes, DDRCs, reputed Non-Governmental organizations. The support of District Administration is also taken. The tailor-made appliances are fabricated in the workshop with in the stipulated time frame. These services are provided at the doorstep of the disabled persons through camp approach. These activities are performed under the supervision and guidance of qualified Rehabilitation Professionals.
College Library
The Institute has a well equipped Library to cater to the literary and academic needs of Occupational Therapy, Physical Therapy, Prosthetics and Orthotics students and faculties. For upgradation and modernization of library services, the Institute has taken various initiatives including computerization of library by using E-granthalaya software. Approximately 5000 Books have been entered on E-granthalaya till 31st March.2010. The Library has shifted to its new premises in the hostel basement during the month of December/January 2009. The library is being developed on modern lines in collaboration with CPWD engineers. Students, professionals and doctors of other institutions can also refer and avail the library facilities by becoming reference members. The library is providing reference service, Internet facility, and photocopy services to library clientele. Rs. 12434/- and Rs. 596/- were deposited in Accounts sections as photocopy and internet charges. 108 presses clipping on disability and others related subjects were displayed on the library notice board.
The Library remains open from 9 A.M. to 8 P.M. on all working days i.e. Monday to Friday and from 10.00 A.M. to 4.00 P.M. on Saturdays. The Library services are availed by approx. 14913 users. The issue and return transactions during the year 2009-10 were 9209 and 8517 respectively.

Integrated School
The Institute is running an Integrated School to impart primary level education to the children with mild to moderate locomotor disability. The children with disabilities are studying together with their non-disabled counterparts in this school. The school is recognized by the Education Department of Municipal Corporation of Delhi.

Facilities to Students with Disabilities: The children of Integrated School get free mid day meals throughout the year. It is being provided by the Iskon Food Relief Foundation (IFRF) on request of the Institute on nominal charges. The Institute is providing transport facilities to the children from home to school at nominal charges. Uniforms and text books are provided free of cost to these children. The children are provided with required aids and appliances and those who need surgical intervention for correction of deformity are referred to...
different hospitals and are also provided with other assistance that they may need. The children with disabilities are integrated with their normal peers in the school and are given opportunity to interact with children from other schools through participation in quiz programs, debates, painting competitions, sports meets, co-curricular activities like clay modeling, dance and music. Craft activities and training in physical exercises are integral to the activities of the schools.

✓ **Library**: The school also has one separate library and a small laboratory.

- **Hostel**
  The Institute has the provision of a hostel for girls and boys students pursuing their 4½ years degree course of BPT/BOT/BPO in one building inside the premises of the Institute. There are 42 rooms for girls and 27 rooms for boys. The rooms are allotted on twin sharing basis only to the students belonging to the places outside Delhi. For food, there is a common mess for girls and boys students in the hostel, which is managed by the students on co-operative basis. The expenditure incurred on running the mess is subsidized under the heading “Mess Wage Workers Salary Subsidy” i.e. Rs.10,000/- P.M.

- **ADIP Scheme**
  The Institute is providing prosthetic, Orthotic and other Rehabilitation aids under the Scheme of Assistance to Disabled Persons for Purchase/Fitting of Aids/Appliances (ADIP Scheme) of the Govt. of India at minimum costs. The requirement for providing the aids/appliances, which are essential for the social, economic and vocational rehabilitation of the disabled persons, has come into sharp focus, particularly after the enactment of the Persons with Disabilities (Equal Opportunities, Protection of Rights and Full Participation) Act, 1995, which came into force in 1996.

- **Social and Vocational Counseling**
  The Institute provides counseling to the patients and their family members for their comprehensive rehabilitation. Various other services like job placement, Vocational training, self-employment, placement in schools and old age home being arranged to the disabled persons according to their potential.
3.8. **Profile of the JMI (Jamia Millia Islamia)**

3.8.1 **About JMI (Type of Disability covered: Locomotor)**

Jamia Millia Islamia, an institution was originally established at Aligarh in United Provinces, India in 1920 which became a Central University by an act of the Indian Parliament in 1988. In Urdu language, Jamia means ‘University’ and Millia means ‘National’. The story of its growth from a small institution in the pre-independence India to a Central University located in New Delhi offering integrated education from nursery to research in specialized areas is a saga of dedication, conviction and vision of a people who worked against all odds and saw it growing step by step.

In the list of the various Faculties at the University (i.e. Faculty of Education, Humanities and Languages, Natural Sciences, Social Sciences, Engineering and Technology) the new Faculty of Law was added in 1989. Many new courses and programmes at UG and PG levels have been added since then. Besides its six faculties, the Jamia has a number of Centres of Learning and Research like Mass Communication Research Centre (MCRC), Academy of Third World Studies (ATWS) etc. The Jamia is also marching ahead in the field of Information Technology (IT). It offers various undergraduate and postgraduate IT courses. Apart from this, the Jamia has a campus wide network which connects a large number of its departments and offices.

3.8.2 **Dr. Zakir Husain Library (Central Library)**

Dr Zakir Husain Library named after the Ex-President of India, (Late) Dr. Zakir Husain in 1973, is the Central Library of the Jamia Library System, which includes the Faculty and Center Libraries. Stocking a rich collection of over 3.28 Lacs learning resources in all major discipline taught in the University and spread over an area of 23,038 sq. feet,
the library caters to the academic needs of the University students, staff and research scholars. It has two spacious reading rooms of 1800 sq. feet each. The collection consists of books, periodicals, pamphlets, manuscripts, photographs and Electronic Resources. The stack areas are spread over four floors and the reference section has a separate hall of 9000 Sq. ft. Besides, the Rare Book Collection is also housed separately in a hall of about 10,000 Sq. ft. area. The Periodical Section is housed in a newly constructed separate wing, and has a two-story stack area and a Reading Area of about 11,000 Sq. ft. The library provides open access to users; except Rare Books Section; Manuscripts and Archival material where closed access is observed. The Text Books Section also observes closed access system.

The library has fully computerized its most actively used collection, which is now available to users through OPAC (Online Public Access Catalogue) with network access across the campus-wide LAN. The Digital Library provides electronic access to thousands of E-journals through 15 major databases in various areas of Sciences, Social Sciences, Arts and Humanities, and Engineering and Law. The library has a dedicated Internet Area where students are encouraged to make use of E-Journals, with regular Orientation Programmes. The library has also been functioning as a referral center on Islamic Studies, Urdu language and literature, and receives requests for its bibliographic information from all over the country. A number of scholars visit the library for its reference and consultation. The collection consists of books, periodicals pamphlets, manuscripts, photographs and Electronic Resources. The stack areas are spread over four floors and the reference section has a separate hall of 9000sq. ft. Besides the Rare Book collection is also housed separately in a hall of about 10,000sq. ft. The periodical section is housed in newly constructed separate wing, and has a two-story stack area and a reading Area of about 11,000sq. ft. the Library provides open access to users; except rare books section; manuscripts and archival material where closed access is observed. The text books section also observes closed access system.
3.8.3 Library Collection
Library has a collection of about 3.28 Lacs books and bound volumes of periodicals, about 2500 manuscripts, 200 microfilms, and subscribes to 440 journals. Library has reserved some of its collection as Textbooks collection, which is too consulted in the library or can be issued for overnight. The library has valuable source material on the history of freedom movement in the form of private papers of the eminent leaders such as Maulana Mohd. Ali Jauhar, Hakim Ajmal. Many eminent persons and lovers of library have donated their personal collections. There are 11 such collections and are housed separately as "Special Collections". The library has a separate "Jamia Authors Collection", which houses 3000 books written, edited and compiled by persons who are or were associated with Jamia Millia Islamia. The library has developed a centralized database of all the PhD/ M. Phil theses awarded by the Jamia.

The library has valuable source material on the history of freedom movement in the form of private papers of the eminent leaders such as Maulana Mohd, Ali Jauhar, and Hakim Ajmal. Many eminent persons and lovers of library have donated their personal collections. There are 11 such collections and are housed separately as "Special Collections". The library has a separate "Jamia Authors Collection", which houses 3000 books written, edited and compiled by persons who are or were associated with Jamia Millia Islamia. The library has developed a centralized database of all the Ph. D /M. Phil theses awarded by the Jamia.

3.8.4 Library Membership
Library membership is open to the faculty, research scholars, students, and non-teaching staff of this university. Scholars and faculty members from other Universities are allowed to use the library facilities for reference only. All the registered members are issued a Membership Card for all transactions in the library.

3.8.5 Library Hours
The Timings of the textbook library/reading rooms are as follows:
- July-September: 9.00 a.m – 9.00 p.m
- October-December: 9.00 a.m – 10.00 p.m
- January-June: 9.00 a.m – 12.00 Midnight
- Textbook Section/Reading Rooms will remain open on Jamia holidays during exam periods.
- Teachers/ Research Scholars and Post-graduate study Area will observe the same timings
- The above-mentioned timings are subject to change.
- Borrowing facilities are available from 9.15 a.m. - 4.30 p.m.

3.8.6 Services of Zakir Husain Library

- **Textbooks Section/Reading Room**- The Library maintains a separate collection of textbooks which can be consulted within the Library premises on deposition of Text-Book Ticket at the Text-book till the closure of Text-book section. Text Books can also be issued for overnight loan after 3.00 pm to 5.30 pm against Text Book tickets which should be returned the next day within two hours of opening of the Library, failing which there is an overdue charge of Rs 1/- per book per day. Printed form is available as per author. The collection has text books in English, Urdu and Hindi. The printed labels on the collections of this section have TBC written on them as also indicated on the Call Numbers in OPAC. In addition to OPAC for textbooks, there is an updated print version of textbooks catalogue also available in the section. Two halls in the Library on the ground floor have been segregated as an independent Library Reading Rooms where authorized Library users can bring their personal books and other reading materials. Apart from these reading rooms, the library provide separate hall for research scholars and teachers of the university. The reading rooms open with the main library but their closing hours varies. Generally reading rooms are closed at 8.00 p.m. but during exam times they remain open till midnight. The section has seating capacity of about 400 users. Since the section remains full all the times, the entry is restricted and is strictly on the production of I. Cards to the security staff.

- **Rare Books Section** - The library is also in possession of same valuable books in the Urdu language on Vedas, Upanishads, Ramayana, Mahabharata, Bhagavat Gita, Manuscripts, Bhagwan Mahavir Gautam Budh, Guru Nanak and Sick religion, Swami Dayanand Saraswati, Swami Vivekananda, Sri Aurobindo, Radha Swami Movement etc.

- **Inter Library Loan and Document Procurement Service** - The Library offers inter-library loan service to its users for the books and periodical articles not available in the
Library. This service is provided on No Profit-No Loss Basis and expected to be prompt. The Library, in turn also lends its resources to the libraries of other government and academic institutions. Document procurement services can be made available from American Center Library, British council Library, DELNET, INFLIBNET. Inter Library Loan service supplements its stock by obtaining materials from other libraries on demand from the users. The library is an institutional member of British Library, American Center Library, INFLIBNET, and DELNET. The users will have to fill up a form available at the circulation counter and deposit it at the counter.

- **OPAC (Online Public Access Catalogue)** - The library has fully computerized its most actively used collection, which is searchable through OPAC. The OPAC allows search by author, title, subject, call number, keywords, and Boolean search. The Call Number indicates the location of the book on the self. The computer catalogue, OPAC is extremely user-friendly and enables searches to be conducted with ease and speed.

- **Shelf Arrangement** - Books are processed by using AACR-II code for cataloguing and Dewey Decimal Classification. The Call Number in the OPAC helps in locating the books on the shelves. Books are arranged on the shelves in numerical order from 000-999.

- **Reference Services** - The Library maintains a separate reference collection consisting of fast finding tools such as almanacs, atlases, biographical and language dictionaries, directories, handbooks, and statistical compilations. Encyclopedias, technical data, maps, films, etc. The reference books are not issued as a general policy and are consulted within the library. The library provides the reprographic services in this section also. The section-in-charge may be approached to provide or guide the users to the required information, or in locating the specially shelved books on request.

- **General Assistance/ Help Desk** - Users may contact Help Desk for information or any assistance in the use of the Library Collections and Services. For special information requirements, users may also contact In charge, Users Services or In charge of the respective services.
- **Referral Center** - The library has also been functioning as a referral center on Islamic studies, Urdu language and literature, and receives requests for its bibliographic information from all over the country. A number of scholars visit the library for is reference and consultation.

- **Photocopy Services** - The library provides photocopy services through private contractors. The services are located as a separate unit next to main entrance of the Textbook Section/Reading Halls. The users can approach the unit directly. They may also request at the Circulation Counter.

- **Internet Service** - Library has setup a separate and dedicated Internet Service Area from May, 2003 through 2 Mbps leased line for the members. At present the service is available from morning 9.00 A.M. to 5.30 P.M. in all working days. Internet facility is open for the registered users of the Library only. No outsider is allowed to use this facility. In internet area students are encouraged to make use of e-journals, with regular Orientation programmers.

- **Electronic Services** - The Digital Library provides electronic access to thousands of E-journals through 15 major databases in various areas of Sciences, Social Sciences, Arts and Humanities, and Engineering and Law.

- **Information/Help Desk** - For smooth functioning of OPAC and Internet services, Information desk has been setup and a staff is posted to look after the services. The users are welcome to contact the person available on Help Desk.

- **Library and Information Science Course** - Dr. Zakir Husain Library has been offering an academic programme leading to the Bachelor’s degree in Library and Information Science to meet the needs of the Library and Information Science profession. The degree programme in Library and Information Science is an intensive in nature, and thereby demands students who is highly motivated and dedicated to learning. Although classes are held and students are taught but one has confined an emphases on self-instruction and participative learning.
3.8.7 Faculty Libraries

- **Faculty of Education Library** - This is the oldest Faculty Library of the Jamia Library System, and has a collection of about 50,000 documents. The library remains open from 9.00 a.m. to 5.30 p.m., including Saturdays, Sundays and Holidays during the exam period. The library supports the specific requirements of the departments of Educational Studies, Teacher's Training and Non-formal Educational and Fine Arts and Arts Education. The journals pertaining to Educational Studies are available for consultation in the faculty library. Members can borrow from Central Library also.

- **Faculty of Law Library** - The library has a collection of over 6000 documents, including textbooks, reference materials, practitioner works, law reports etc. The library supports the specific needs of the law students and research scholars and faculty. The timings of the library are from 9.00 a.m. to 5.30 p.m., Monday to Friday and remain open on Saturdays, Sundays and Holidays also during exam periods. Members can borrow material from Central Library also. They are provided separate membership cards of the Faculty Library and Central Library.

- **Faculty of Engineering and Technology Library** - The library holds principal collection of engineering literature. The Library has a rich collection of books, theses, pamphlets, reports, CD-ROM databases on science and technology including chemical engineering, civil engineering, computer science, electrical and electronics engineering, textile engineering, biochemical and biomedical engineering. Library also provides reading room facility to its users till 10:00 p.m/12:00 mid-night in the exam period. The users are provided separate membership card for the Faculty and Central Library.

3.8.8 Center's Libraries

- **J. K. Mass Communication Research Centre Library** - The library provides to the specific needs of the academic requirements of mass communication studies and has a well chosen collection of about 1000 books, journals, films, videocassettes, audio cassettes, stock shots and press clippings. New additions are constantly made in order to keep the library abreast of developments in media studies.
M. M. A. J. Academy of Third World Studies Library - The library has been named after Dr. S. Abid Hussain, a noted social scientist. It has a collection of about 3800 books and 2000 periodical. Several institutions and individuals have generously gifted books and back volumes of periodicals to the Library. Significant among such contributors are the Cultural Centre of Iran Embassy, India International Centre, and the Vice-Chancellor of the Jamia, Mr. Syed Shahid Mahdi, and Professor Mushirul Hasan, Director of the Academy. It has works of the well known social scientists, and the leadings figures of the nationalist movements including: Mahatma Ghandi, Jawaharlal Nehru, Rajendra Prasad and, G. B. Pant, B. R Ambedkar, Acharya Narendra Dev, Sri Arbindi Ghosh, Dhananjay keer, and Valabhbhai Patel.

Academic Staff College Library - The library has a collection of about 1500 documents to strengthen the undergoing Orientation programmes or Refresher Courses in the College. The library also has documents related to different subjects taught in the University.

Contact Details
Director
Pandit Deendayal Upadhyaya
Institute for the Physically Handicapped
4-Vishnu Digamber Marg, New Delhi-110002
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3.9. Profile of the JNU (Jawaharlal Nehru University)
3.9.1 About JNU (Type of Disability covered: Blind and Locomotor)
Jawaharlal Nehru University (JNU) was established in 1969 as a befitting national memorial to India’s first Prime Minister Pandit Jawaharlal Nehru. This University was established as a Central University under the JNU Act 53 of 1966 and formally inaugurated by the then president of India, Shri V.V. Giri on 14th November 1969 in the centenary year of Mahatma Gandhi. The University was setup essentially as a postgraduate teaching and research institution. The University was conceived as a
national and purely residential university drawing its teachers and students from all parts of the country and from other countries and offering specialized programmes of advanced teaching and research. The academic complex was visualized not merely as a physical conglomeration of building but as a physical setting conducive to interdisciplinary approach to teaching and research in recognition of the fact that knowledge is indivisible, receives special emphasis and for that purpose a structure of organization in the form of schools and Centers of teaching has been established. The University has adopted as its Moto the famous visionary statement by Pt. Jawaharlal Nehru, after whose name the University has been named as a befitting tribute in his memory that clearly brings out the role of a University, viz.:

“A University stands for humanism, for tolerance, for reason, for the adventure of ideas and for the search of truth. It stands for the onward march of the human race towards ever-higher objectives. If the Universities discharge their duties adequately, then it is well with the nation and the people”.

3.9.2 JNU Library

The University Library is a Knowledge Centre which has rich resources mainly in Social Sciences, Humanities and Sciences. It is a nine-storey tower building and has a carpet area of about one lakh sq. ft. It is situated in the midst of the academic complex of the University and is the hub of all the academic activities of the University. Established in 1969, it incorporates the library of the prestigious Indian School of International Studies which was later merged with Jawaharlal Nehru University. The JNU Library is a depository of all Government Publications and publications of some important International Organizations like WHO, European Union, United Nations and its allied agencies etc. The Library has recently established a Cyber Library at the Ground Floor with 200 Computers for the students and research scholars to access the available online resources.

To meet the special needs of the visually challenged students of the University, a separate Unit named Helen Keller Unit has been established in the newly renovated Reading Hall at the Ground Floor. Twenty computers and scanners have been installed with screen reading and speech software to facilitate visually challenged scholars in their studies in this special Unit. The Library has subscribed twenty two international online
databases covering about 10,000 full text journals. Besides that, access to 4,500 full text scholarly electronic journals from 25 publishers across the globe is available, under the UGC-INFONET E-journals Consortium. Computerized Online Public Access Catalogue (OPAC) can be accessed from all the Schools/ Centers under University Wide Area Network.

The library has a rich collection which includes books periodicals, serials and non-book material. The collection is housed subject-wise under three major streams, viz. Social Sciences, Sciences and Humanities. The library as an exchange relation with many Indian and international agencies and National Libraries throughout the world and through this channel is getting their publications in exchange of JNU publications.

3.9.3 Objectives of the Library

- To procure, organize and disseminate information in different formats.
- To support and promote the use of rich and diverse collection among the users.
- To preserve and house the collection for posterity.
- To enhance and support the academic environment by providing seamless access to information resources.

3.9.4 Library Collection

The Library collection is made up of over 50,000 books, audiovisual items, over 10,000 journals in print format offering online access to more than 20,000. It has been developed with following aims:

- To support the academic programmes of the University.
- To support the research pursuits of the teaching community and the research scholars. The holdings of the Library are particularly rich in Social Sciences and Humanities.

- Textbook Collection: The Library maintains a separate collection of textbooks which may be consulted within the Library after deposition of ID cards. The collection comprises 18,000 books and 5000 bound journals. These books are issued to the students for overnight use only. During examination days, these are issued to the day scholars, not
hostel residents, for overnight use. If the students fail to return the book the next day, an overdue of Rs 5 per day is charged. The Text book section also includes Book Bank collection which exclusively meets the information needs of U.G. and P.G. students.

- **Government publications:** The Government Publications collection which is housed on the first floor of the Library provides access to 30,000 documents which include the following:
  - Census Data
  - UN Journals
  - UN Books
  - FAO Journals
  - World Atlas
  - NSS reports
  - Undersize book etc.

- **Russian Collection:** The Russian collection which is housed on 8th floor includes the following:
  - 50,000 General books
  - 3500 Reference books
  - 600 Text books
  - 10,000 Old Bound Journals
  - 1000 General text books in English

- **Theses and Dissertation:** The Library has approximately 16,000 Theses and Dissertations. Their bibliographical details and Contents pages are accessible through OPAC.

- **Press Clippings Collection:** The Library has a collection of approximately 12.45 lakhs newspaper clippings concerning to topics relevant to the academic community of the University. The clippings from the following newspapers are scanned, digitized and archived for academic use:
  - The Times of India
  - The Hindustan Times
The London Times
✓ The Deccan Herald
✓ The Tribune
✓ The Hindu
✓ The Financial Express

The database of Press clippings is accessible through OPAC on the Local Area Network of the University.

3.9.5 Library Membership

All students, faculty members and employees of the University are eligible for membership of the Library. The registered members are issued Borrower's Ticket corresponding to their entitlement. JNU Library issue bar-coded library identity cards for students.

3.9.6 Library Timings

The Library remains open from 9.00 a.m. to 8.00 p.m. throughout the year and during the examination days, the working hours are extended up to 12 midnight for 45 days each semester. However, the Reading Room, Textbook Section also remains open up to 12 midnight. The General Reading Hall is being kept open round the clock throughout the year. The Library remains closed on three National Holidays and Holi festival each year.

3.9.7 Library Services

- Information Desk: The information desk of the Library is located on the ground floor near the entrance. It supports our commitment to making the Library user friendly by providing the following services:

  ✓ Directional assistance on site and over the telephone.
  ✓ Referral service for readers with queries beyond the directional or holdings verification stage to the interlibrary loan desk or service points.
  ✓ Other queries about services, accessing electronic resources and technology in the Library.
**DELNET:** DELNET has been actively engaged with the compilation of various Union Catalogues of the resources available in member-libraries. It has already created the Union Catalogue of Books, Union List of Current Periodicals, Union Catalogue of Periodicals, CD-ROM Database, Database of Indian Specialists, Database of Periodical Articles, Union List of Video Recordings, Urdu Manuscripts' Database, Database of Theses and Dissertations, DEVINSA Database, sample databases of language publications using GIST technology and several other databases. The data is being updated in each of these databases and is growing rapidly. All the DELNET databases have been resident on DELSIS, an In-house software developed on BASISPlus, an RDBMS, the product of Information Dimensions Inc. of USA which has been provided to DELNET courtesy National Informatics Centre, New Delhi.

DELNET provides an array of facilities including E-mail to its member-libraries including both institutional and associate institutional members. DELNET'S relentless efforts in resource sharing have proved extremely effective. It has indeed been a big leap towards the modernisation of libraries in India.

**Reference Service:** Trained Library staff provides assistance with general enquiries and guidance regarding the organization of the Library and use of the OPAC.

**Web OPAC:** The library catalogue (Web OPAC) is now available at the desktop 24x7. One can search Books, Articles, Journals and Theses etc. through OPAC absolutely traffic free. Other than search, one can see the status of the document like whether it has been issued out or on shelf, and the location of the document within the Library.

**Hellen Keller Unit:** This Unit is located on the ground floor of the Library which caters to the information needs of the visually challenged and partially sighted students. It has 24 computers installed with Kurzweil and JAWS software. These assistive technologies (software) support the reading, writing and learning experience of visually challenged/partially sighted students by converting print or electronic text to speech. Besides, the following are also provided to the students:

- Printers (Braille)
- Scanners
- Headphones
✓ Digital Voice Recorders
✓ CDROMS
✓ Duxbury Braille Translator (DBT)

Figure 11: Hellen Keller Unit (JNU)

- **Cyber Library**: 200 PCs have been installed for students and research scholars to access Internet and Online resources.

Figure 12: Cyber Library (JNU)

- **DDS/ILL Service**: The Central library offers interlibrary loan services to its members for the books and journals not held by the Library. If an item you require is not held anywhere within the University, You are most welcome to make an Interlibrary Loan request to have the item supplied by another Library. This is facilitated through DELNET. The Inter-Library loan counter is located in the cyber library on the ground floor.
- **Photocopy/Bindery Service:** This facility is managed by a private operator in the library on payment basis. Bindery section is located in the basement area of the Library. Its goal is to maintain and preserve books, periodicals and other materials used in the Library. It assists the users by ensuring that the documents which they use are fit, easy to use, open, read and photocopy.

- **Other Services**
  - Reference service is provided for each collection on the respective floor where it is housed.
  - Centralized Membership and Issue-return services are located on the Ground floor.
  - Textbooks for all disciplines are centrally managed and kept in the Textbook Section. Book Bank facility for P.G. students is also being provided by the Textbook Section.
  - Articles from Social Science journals, subscribed by the Library, are indexed in the Documentation Unit and online search is available through OPAC.
  - Card Catalogues of different collections are available on respective floors.
  - The faculty members can access OPAC and online resources in Information browsing unit, located on the ground floor.
  - The students are advised to record the details of untraceable books in the tracing files kept on different floors of the Library.
  - Library provides Tape Recorders and Audio Cassettes to visually challenged students.
  - Library provides a locker facility to the Research Scholars and Faculty Members, on request.
  - Students can read their personal books in the Reading Hall (Dholpur house) located at the back side of the Library. This hall is open round the clock throughout the year.
  - Information Browsing Unit has been established for the faculty members for online information browsing.
  - New Books purchased by the Library are displayed on every Monday. All these Books are kept for consultation at the Circulation Counter.
  - Access to CD-ROMs which comes along with books/journals and statistical data is available in the Automation Unit.
  - Information about untraced books must be recorded in the tracing files kept on different floors of the Library.
Dissertations and Theses: Metadata of theses and dissertation is available through OPAC.

Tape Recorders and Audio Cassettes Library provides these facilities to Blind students.

Library provides lockers facility to the Research Scholars and Faculty Members, on request.

General Reading Hall is being kept open round the clock throughout the year. Students can read their personal books in the Reading Hall located at the back side of the Library.

- **Other Branch Libraries**

  Besides Central Library, many Centers/Schools have their own libraries under the DSA Programme.

  - Archives on Contemporary History of India.
  - Centre for Historical Studies Library.
  - Centre for Law and Governance Library.
  - Centre for Social Systems Library
  - School of Computer and System Sciences Library
  - Academic Staff College Library.
  - SIS Reading Hall

### 3.9.8 Higher Education for Persons (disabled) with Special Needs (HEPSN)

Jawaharlal Nehru University is dedicated to providing full accessibility to all of its programs and services for individuals with disabilities. Part of this goal includes the provision of web services which are accessible by those with disabilities. Disabilities involving vision, hearing, mobility, or other areas may necessitate the use of adaptive software and/or hardware. University is running HEPSN Scheme on the recommendations of UGC to create awareness among functionaries of Higher Education about specific educational needs of persons with disabilities.

University Disability Unit is also assisting disabled graduates in getting successful employment in public as well as private sector and in this regard unit is in touch with various Non Governmental Organizations active in this field as well as some Government Institutions. As part of awareness programme, through volunteers, the unit is also in
touch with the students with special needs to understand their problems and help them. Notices and pamphlets related to the Scheme to make the student community aware of these programmes are also put up and it is proposed that in future workshops and seminars shall be organized as part of awareness programme.

University on its own had developed some ramps, which were visited by the Review Committee and improvements were suggested to be carried out as per the guidelines of the Ministry of Urban Development. Guideline materials have been procured from agencies and at least one ramp has been constructed by the Engineering Department of the University. Equal Opportunity office (EOO) of the University has sanctioned Rs. 3.77 lakhs with Engineering Branch to construct ramps with rails in the Hostels and academic Complex including library.

3.9.9 Future Programmes

- To make University disable friendly i.e. all school buildings, library and administrative blocks will be connected through ramps.
- Employment opportunities for students with special needs will be explored.
- Agencies providing financial benefits to physically challenged students will be short listed and contacted for creating endowments in JNU.
- Facility of computer aided reading for blind students will be expanded in the Central library by the University.
- A special wing of a hostel will be equipped with facilities like special gymnasium, recreational equipment, and special toilets.
- Construction of special toilets in the existing buildings and library will be explored.

Contact Details

University Librarian

Central Library, Jawaharlal Nehru University,
New Meharuli Road, New Delhi – 110067

Phone: 011-26742605, 26704551

Website: http://www.jnu.ac.in
3.10. Profile of the LNSSD (Lady Noyce Secondary School for the Deaf)

3.10.1 About LNSSD (Type of Disability covered: Deaf and Dumb)

Lady Noyce Secondary School for the Deaf was established on 2 November 1931 by Kalidas Bhattacharya. LNSSD was taken over by Government of India on 1 April 1948 and later handed it to Social Welfare Department in 1959. Due to rise in the number of students in the school and lack of space, the school was shifted to new building in of eight rooms in 1960. The Teachers Training Department was opened to provide the special training to the teachers to serve the Deaf/hearing impaired students. Till date 36 Teachers have been trained in this department and currently 26 students are pursuing the training programme at this place. LNSSD was upgraded to Class VIth in 1969, further to Higher Secondary School in 1973 and from Higher Secondary to Senior Secondary School in 2009. The total strength of the students at LNSSD is 518 and the strength of the teachers along with Principal is 42.

LNSSD is running one hostel which is associated with school where 125 students are staying. There is a facility of regular check-up for the students at the hostel where doctors visit thrice a week in voluntary capacity. Also, an ex-compounder is available for the medical service whenever required at the hostel for the deaf.

3.10.2 Objectives of LNSSD

To educate the deaf/hearing impaired community and to provide quality education to deaf for pursuing the higher education to participate in the society equitably and independently.

3.10.3 Services of LNSSD

- **Basic Lip Reading Training:** In the initial 4 years basic training is provided to the students for reading, writing and special lip reading training is given to understand others. From class 5 onwards normal education is provided to the students and they are prepared to appear for the board examinations conducted by Municipal Corporation of Delhi (MCD).

- **Distance Education Diploma Programmes in Hindi:** The students of LNSSD also participates in various Diploma courses in Hindi through various Study Centers of Rashtrabhasha Prachar Samiti Gyan Mandal, Wardha, Maharashtra.
- **Vocational Training Programmes:** Students at LNSSD are also provided various vocational training courses which can help them to work independently to earn their living like sewing and weaving, wood art and painting etc. Students of LNSSD have participated in various art and painting competitions and won many prizes and certificates.

- **Sports/Physical Education:** Students at LNSSD are provided sports and physical education facilities. The students participates in various sports meet competitions on Children’s Day, World Disability Day and International Deaf Day. The students won many prizes in various competitions held this year.

### 3.10.4 Future Programmes

The two storey new administrative building along with 3 storey school with 21 rooms for the students is under construction which is going to be completed very soon. The approval for another school with 21 rooms is already provided to the authorities. This will help in the further development and progress of the education system for the deaf/hearing impaired community of the society. The new three storey hostel for the girls is already constructed and a future proposal of four storey hostel for the boys is under process for approval.

**Contact Details**

*Principal*

*Feroz Shah Kotla, Delhi Gate,*

*Indraprastha Head Office, New Delhi – 110002*

*Phone: 011-23319419*

### 3.11. Profile of the MH (Miranda House)

#### 3.11.1 About MH (Type of Disability covered: Blind)

Miranda House, residential college for women, is one of the premier Women’s Institutions of Delhi University. It was founded in 1948 by the then Vice-Chancellor Sir Maurice Gwyer; its foundation stone was laid by Lady Edwina Mountbatten on March 7 in the same year. Located on the University campus, Miranda House is built in warm red brick with cool and spacious verandahs. Its original design was by the renowned architect...
Walter George, the college shares an architectural affinity with other colonial educational institutions of the country. In the past five decades, as the college has grown, several other buildings have been added to its original design. It is now declared a heritage building and work is on to maintain its pristine glory.

Miranda offers liberal education in humanities and science to more than 2500 students. The faculty is renowned for their meritorious profile, versatile talent and dedication to the cause of education. The college has produced women who have excelled in various professions and have contributed in numerous ways to society at large.

The college has always maintained high academic standards. What is more important is the space it has provided to the students to freely express and develop views that help them responding to changes in society. Its proximity to other campus colleges enables students to participate in the academic and cultural events that take place around it.

The college also has a hostel, which happens to be amongst the oldest residential buildings of the University. The hostel has recently been renovated under the Heritage Building Project. The hostel section is laid out in a pleasing quadrangle, with gardens paced out by bottle palms. The design allows a spacious privacy within which residents can be as they like. The dining hall is one of the assets of the college with monastic tables and benches set along a long hall. The stretch of ground curving around the hostel towards the Cafeteria has been cleared away for a beautiful lawn and a rockery extending the social attractions of the Cafeteria, particularly on sunny winter days. It has also brought out the potential of the balcony outside the student's common room as an elevated stage for cultural events.

3.11.2 Amba Dalmia Resource Centre (Library)

Keeping up its tradition of being the forerunner, Miranda House takes immense pride in the Amba Dalmia Resource Centre for the visually challenged students of the college. The first of its kind in the university, the networked computers in the centre (situated on the ground floor of the college library) facilitate work with special talking software’s such as JAWS, Kurzweil and SAFA. For instance, as a student types on any of these computers, she is able to listen to the words she has keyed in, complete with the insertion of space and punctuation marks and therefore, can correct any typographical errors that occur.
Besides Internet accessibility, the college has a set of Braille books, Braille magazines, audio magazines, Daisy audio recorded books, e-Text books and blank audio cassettes and tape recorders to be used by the students. The college has also setup an Audio Book Production facility in a specially designed recording room. The work on the resource centre was initiated in the year 2006, with an endowment for Ms Manju Kapur Dalmia, acclaimed author and member of teaching faculty at Miranda House. As with the rest of its students, the college aspires to inculcate a sense of assured self-sufficiency and empowerment in its special students as well. The Amba Dalmia Resource Centre is a significant step forward in bringing that objective to fruition.

![Figure 13: Amba Dalmia Resource Centre for Vision Impaired Users](image)

### 3.11.3 Services of MH for Blind/Vision Impaired Students

Miranda House is the first college to establish a Computer-based Resource Centre to aid the visually challenged students. Networked computers facilitate work with special talking software such as Jaws and Kurzweil. The college has also setup an Audio Book Production facility in a specially designed recording room. It already has a large collection of Braille books. The college is committed to providing rich resources to its large group of visually challenged students and is establishing a programme for making each one fluent in use of empowering technology.
3.12. Profile of the NAB (National Association of the Blind)

3.12.1 About NAB (Type of Disability covered: Blind)

The National Association for the Blind is the largest voluntary Indian organization striving to implement innovative solutions for complete independence of blind persons. NAB has a network of 19 state and 65 district level branches that enables it to reach the large number of visually challenged people. This enables NAB to think internationally and work locally. The Association commenced its services in 1952 and is safeguarding the interests of blind and low vision persons in majority of the International Forums including Agencies of United Nations like UNICEF, UNESCAP, etc.

NAB is an active member of Asian Blind Union and World Blind Union.

The Delhi State branch was established in 1979, and since then, it has undertaken various projects, which have immensely benefited the visually impaired and also successfully integrated them into the mainstream of life.

Apart from rendering free and quality computer education, NAB-Delhi also provides a Preparatory school, Quality Education through Integration in the Mainstream Schools, Hostel for Blind children, Pre-vocational Guidance centre, Multi-handicapped Training centre for Blind children with additional disabilities, Home for aged-blind, Computerized Braille Press, Recreation facilities, Home Science Training Unit. Cell for the

Figure 14: National Association of the Blind
Empowerment of the Blind women and Digital Talking book library undertake various other supportive steps for the visually impaired.

3.12.2 Ramnath Batra Digital Talking Book Library
R.N. Batra Talking Book Library was established in 1986. It has produced more than 1500 titles by now (English and Hindi). These talking books are of different types viz. Fiction, Non-Fiction, School text books, University text books, Competitive exams books, books related to Personality development and current affairs magazine. From 1986 to 2002, library concentrated only on providing talking books on cassettes alone. With the financial support of Nippon Foundation provided to NAB under the DAISY For All Project and HPS Social Welfare Foundation the library introduced production of books in digital formats in accordance to DAISY Standards. With the help of the ICEVI Lee foundation, the library also introduced the section of E-text library. From November 2002 onwards it switched to Digital Recording i.e. DAISY (Digital Access Information System).

3.12.3 Objectives of the Library
The main objective of the library is to provide maximum number of talking books to maximum number of persons at the grass root level. R.N. Batra Talking Book Library also endeavor to procure already recorded books in other such libraries and make these accessible to member users.

3.12.4 Available Formats of Books
R.N. Batra Talking Book Library provides books in the following formats:

- **Books on Cassettes**: Complete collection of Audio books of 1500 titles is available on audio cassettes.

- **Books on CD’s in DAISY Format**: Unlike cassettes, books in DAISY format have easy navigation and preservation facility. One CD has the capacity of fifty hours of recording i.e. equivalent to fifty cassettes. Therefore, it is easy for the visually impaired user to handle one CD instead of fifty cassettes. These books can be played not only on the computer but also on the MP3 players which are easily available in the market at a low cost of Rs. 1000/- to Rs. 1500/-, which is almost equivalent to the cost of a good tape-
recorder. The library possesses more than 250 books in DAISY format which includes 200 University level books related to subjects like B.Ed, Political Science, History, English Literature, etc.

- **Books in E-Text:** In this format the books in printed format are scanned and edited. The books can be read with the help of screen reader software (like JAWS). The books can be provided to the users through CDs or through Email. There are around 4500 books available in this format at NAB.

- **Books in Braille:** Complete collection of 4500 E-text books can be easily converted to Braille format and made available on request by paying the paper cost.

### 3.12.5 Library Membership

There are two types of Memberships available in the library for the users which are as follows:

- **Individual Membership:** Every print disabled person is eligible to become member of this library. He/she will be provided with two books at one time on the cassettes. These books can also be sent by post to persons residing outside Delhi. The members can also avail books on CD. In addition to above, the members can also avail the opportunity to take the membership for current affairs magazine released once in a month. The magazine can be provided in both CDs and cassettes.

- **Institutional Membership:** Any School/College/Organization/Institution working for the print disabled persons working on ‘No Profit Basis’ can become member and eligible to get ten books in one time on cassettes on loan and can get up to 200 cassettes duplicated every month by paying the cost of the blank cassettes. Any number of CDs can be provided to the institutional members on the payment of cost of blank CDs. In addition to this facility any individual member or institution can get any new book recorded in the form of Digital Recording/ E-text/Cassettes/Braille by providing one copy of the required book in Print. Also, if any Institutional member decides to start a ‘Talking Book Library’ of its own, R.N. Batra Digital Library facilitates to sign a memorandum of understanding so that the titles can be mutually exchanged.
3.12.6 Other Services/Facilities

- **Computer Training and Technology Centre**: With the advent of Text to Speech Technology computers have become accessible to persons with vision impairments. In the Computer Training Centre blind/vision impaired students undergo training in Windows, Word Processing, Internet, E-mail, Spread-Sheets, etc. With the help of computers with speech synthesizers, students with vision impairment doing higher studies are becoming independent in all their reading and writing needs. Special classes on computers are also held for blind and low vision students of integrated education programme. The Computer Centre works as collaborators and beta testers for the projects of educational and research institutes engaged in developing hardware and software for blind persons. This is with the aim of making the technology affordable and easily available. NAB also provides opportunities to blind persons to get hands on experience of latest technology. Computer literacy is giving the blind and low vision person’s new professional opportunities, enhancing their status at their present jobs, and also giving them additional proficiency and confidence at work.

- **Assistive Technology Helpline**: Assistive Technology has revolutionized the lives of visually impaired persons. Not only has it given access to computers and all its advantages, it has led to the development of several special devices which together have gone a long way in overcoming the handicaps caused by loss of vision. Therefore, NAB has taken initiative towards spreading awareness about the existence and advantages of assistive technology and solving all problems related with use of assistive technology. The beneficiaries of this service include Blind persons, Persons with low vision and Organizations working with/for visually impaired persons.

- **SMS Service**: Apart from disseminating information through the Helpline service, NAB Delhi also provides SMS alerts facility in which the subscribers will receive information about new technologies, upcoming jobs, trainings etc. through SMS sent by NAB helpline team. Interested persons can subscribe to the service by sending an E-mail at sms@nabdelhi.org with the details such as name, city and contact number.

- **NAB Helpline Mailing List**: NAB Delhi has started a mailing group in which the subscribers receive a mail on daily basis containing the same content as the SMS alerts.
Persons who have their e-mail ID on gmail.com can visit the home page of the group at ‘SMS Mailing List’ to join. Apart from the Gmail users, interested persons can send their e-mail IDs at sms@nabdelhi.org with details like name, place, contact no. and Email ID to be subscribed. They are then invited to join the group by NAB Helpline team.

- **Centre for the Multi-Handicapped Blind Children:** There is a large proportion of blind children who in addition to the blindness, have either hearing, speech, locomotor or mental impairment. Such children are known as multi-handicapped children. These include Deaf Blind, Mentally Challenged Blind, etc. The centre for multi-handicapped focuses on the developmental, social, educational and rehabilitation needs of such children which are very special. A highly qualified and committed team of professionals from diverse fields like medicine, therapy, and psychology and special education render individualized special services in a warm and healthy environment. These services are both institutional and home based. Children from the age group 0-24 can benefit from free services of this programme at NAB.

- **Braille and Large Print Services:** An In-house mini-computerized Braille press publishes textbooks and literature of general interest in both English and Hindi. School and college students send their requests for transcription round the year. Organizers of conferences, workshops and entrance exams that require Braille and large print materials should approach at least 8 to 10 weeks prior to the activities.

**Contact Details**

*Head of Department (HOD)*

*R.N. Batra Talking Book Library,*

*National Association for the Blind,*

*Sector-5, R.K. Puram, New Delhi-110022*

*Phone: 011-26102944, 26176379.*

*Website: http://www.nabdelhi.org/*
3.13. Profile of the NDS (Noida Deaf Society)

3.13.1 About NDS (Type of Disability covered: Deaf and Dumb)

Noida Deaf Society (NDS) is a not-for-profit organization working to bring about a positive change in the lives of deaf people. It is a place where the deaf can take charge of their lives through specific training and learning, leading to sustainability.

NDS has set itself a charter to train deaf youth to become employable- focusing on imparting vocational skills and skills that will enable employability. NDS went about intensive market research and identified skill areas that leverage the inherent qualities in deaf and also enable them to work with the hearing people. Key area that it identified are skill sets related to using computers for office use and being able to use computer applications. And it was evident that the enabling skill for all of this is ability to communicate in English. NDS began operations in June 2005 and having started with only 5 deaf students and one faculty has today scaled to 170 deaf students and 6 trainers.

There are also lots students waiting to join since NDS is operating at capacity.

The deaf students who come to NDS are typically from the economically weaker sections of society, from Noida, Delhi, Meerut, Aligarh, Agra, Mathura, Bareilly, Bihar, Uttarakhand, Faridabad, Rewari, Sonepat, Bulandshahr, Moradabad, Lucknow, Jaipur, Calcutta, Madhya Pradesh, Ghaziabad and Gurgaon. Some students have relocated from far off locations in the country and are studying at NDS. In take criteria for NDS is deafness and having cleared X class exams.

In terms of placements and jobs, NDS assists in finding jobs. Students are being placed in organizations like The NIIT, The ITC Sheraton Hotels, Maurya Sheraton, Tata Indicom, IBM, Maruti, Export Houses like Sam Overseas, Aman Exports, House of Cheriss and other NGOs Lepra India Trust. NDS is seeking Corporate and well meaning organization’s support in this endeavor now– to be able to sustain the momentum that has been setup and also be able to build on the existing base. Expectations are in terms of financial support for sustaining the programs and possible placements within the organization at appropriate levels. In addition, NDS is looking for a larger place – at least 3000 sq ft – to run the school operations as the current location (1200 sq ft) has reached its capacity.
3.13.2 Vision/Mission of NDS
The Vision of Noida Deaf Society is to mainstream the Deaf people into the community through specialized vocational programs leading to gainful employment. The Mission of NDS is to focus not on the disability but the ability of the Deaf as NDS believes that the Deaf can do everything except hear. The NDS provides vocational training to the Deaf to enhance their employability quotient and enable them to become contributive partners of society.

3.13.3 Objectives of NDS
- Develop Life skills amongst the Deaf
- Build employability skills for Deaf youth
- Provide Education to Deaf Children
- Create a pool of Deaf trainers
- Develop teaching and learning resources for the Deaf community

3.13.4 Services/Programmes of NDS
- **Vocational Training Programmes:** All training programs are conducted by Deaf teachers as they best understand the needs of the Deaf and also act as role models for the community. Everything is taught in sign language using a variety of visual aids and interactive multimedia based material. The nurturing environment at NDS enables them to grow as individuals and become productive members of their families and society. The Trainings are based on market research and are job oriented in nature. The areas covered under the training programme are as follows:
  
  ✓ **Basic English Communication Skills:** This program builds reading and writing skills that is needed and necessary for mainstreaming and employment.

  ✓ **Training in Key Boarding Skills:** This is to give the Deaf youth a basic knowledge of computers especially those with very low literacy levels. Specialized Typing Tutorials have been installed on the computers to enable self paced learning to build industry required typing skills for backend Data entry.
✓ Indian Sign Language: A strong language foundation is necessary to build learning capabilities such that they can be trained in the other in-house programs and interact with other Deaf.

![Sign Language Training at NDS](image15)

Figure 15: Sign Language Training at NDS

✓ Training in Basic MS Office and Internet: This program covers applications such as MS Word, Excel, PowerPoint, and Internet which is required for entry level backend jobs. This course is evaluated and certified by The NIIT Institute, a CSR initiative of NIIT Ltd.

![MS Office and Internet Training](image16)

Figure 16: MS Office and Internet Training

✓ Desktop Publishing and Graphic Design: This is a market researched program where the students are taught design software such as Corel Draw, Adobe Photoshop, Flash, In Design and basics of animation enabling them to join the print, publishing, advertising, e-learning industry. Specialists from NIIT have been mentoring our students and the training is facilitated by a trained Deaf teacher.
Figure 17: Students at NDS practising Graphic Designing

✓ **General Knowledge:** The special classes are taken for the deaf students to build general knowledge in different areas for e.g. about the country, body and health, environment, current affairs by a hearing trainer adept in sign language.

✓ **Life Skills and Work Ethics:** It is a key focus area and is inbuilt in all our training programs. We address issues such as personal grooming, discipline, responsibility and other soft skills which are crucial for sustaining oneself in life and at the work place. The Team work and discipline is also developed through sports such as Carom, Chess and Cricket.

- **Employment Opportunities:** NDS is actively engaged with the industry to build sensitivity and raise awareness about the Deaf through workshops, mentoring programs, collaborative industrial training, employee volunteering and sign language orientation. The NDS have a strong tie-up with industry for employment and conduct intensive pre-employment training where the Deaf are given an orientation on the work profile, life skills and work ethics training, family counseling, contextual work-place vocabulary building and exposure to the work areas. NDS also facilitates the screening process for employers and help them with on the job-training for the Deaf. NDS have had a good success rate and over 200 students of NDS are working in diverse fields such as Information Technology, Graphic Designing, Data Entry, Retail, Hospitality, Export Houses and Packaging among others.
Education Programmes: Given the dismal state of education for the Deaf in the country, a need was felt to reach out to the young Deaf in the country. The right pedagogy for teaching the Deaf along with an enriching learning environment can greatly enhance their development and mainstreaming into the society at large.

- **Primary Education for Deaf Children:** In December’ 2009 NDS started its dream project of providing quality education to young Deaf Children in the age group of 5 to 12. Through sign language and visual methods these children are taught Hindi, English and Mathematics so that they can develop at par with their hearing counterparts. Play way methods are used to facilitate learning and development of social and cognitive skills.

- **Remedial Education for School Going Deaf Children:** NDS provide remedial education to school going Deaf children. They are trained in Indian Sign Language and English Literacy such that they are able to develop a strong language foundation which will enable them to perform better in schools.

- **Library:** There is a small library at NDS which provides books and materials to the deaf students catering to their needs. The library collection consists of Text-books, G.K. Books/magazines, Art and craft materials, English language & Communication skills material etc.

**Contact Details**

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References


<http://eoc.du.ac.in/report_tB_all.pdf>.

University of Delhi 2012, *Gallery*, viewed 25 March 2012, 
<http://eoc.du.ac.in/gallery.html>.

University of Delhi 2012, *Central Science Library*, viewed 25 January 2012, 
<http://csl.du.ac.in/>.

University of Delhi 2012, *Library Profile*, viewed 25 January 2012, 
<http://csl.du.ac.in/Profile%20-%20for%20website%20-Central%20Science%20Library.htm>.

