CHAPTER-6

LIBRARIES UNDER STUDY

The present study has been conducted on the periodical users, staff and faculty members of Central library, Indian Institute of Technology, Delhi, P.K. Kelkar Library, Indian Institute of Technology Kanpur and Central Reference Library, Delhi University. Firstly the chapter will discuss a short history of these libraries, their total collection, current budget allocated to periodicals and various services of the libraries under study.

6.1 Indian Institute of Technology, Delhi

IIT Delhi established in 1963 is one among the seven institutes of technology in India established as centres of excellence for higher training, research and development in science, engineering and technology.

6.1.1 Central Library Indian Institute of Technology, Delhi

The IIT, Delhi Library System consists of a Central Library and 18 Department Libraries which collectively support the teaching, research and extension programs of the Indian Institute of Technology, New Delhi. The library facilities are available to every student, faculty members and Institute employees upon library membership. In addition to huge collection of books on Engineering, Humanities, Science, Literature and Management, the Central Library houses a total collection of more than three lakh documents comprising of books, thesis, journals (print and electronic), video cassettes and compact discs in the fields of Engineering, Humanities, Science, Literature and Management. (Central Library, IIT Delhi, 2006)

IIT Delhi Library also provides services through its various divisions. All in-house operations in the library are fully computerized using the Libsys software package that also provides web-based access to the online catalogue of the library. The library besides above also houses the headquarters of the “INDEST” (Indian National Digital Library in Engineering Sciences and
Technology) consortium that provide access to electronic resources to its member institutions comprising more than 628 members including 37 core member institutions, 60 AICTE supported institutions and 531 institutions who have joined the consortium under its self supported category.

**Collection** (as on March 31, 2008)

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>2,46,918</td>
</tr>
<tr>
<td>Current Journals</td>
<td>1290</td>
</tr>
<tr>
<td>Bound Volumes of periodicals</td>
<td>98,942</td>
</tr>
<tr>
<td>Standards</td>
<td>26,923</td>
</tr>
<tr>
<td>Thesis</td>
<td>13,430</td>
</tr>
<tr>
<td>Pamphlet</td>
<td>1,095</td>
</tr>
<tr>
<td>Microfilm/Microfiche</td>
<td>2,261</td>
</tr>
<tr>
<td>Video Cassettes</td>
<td>1,460</td>
</tr>
<tr>
<td>CDs/DVDs</td>
<td>3,000</td>
</tr>
</tbody>
</table>

(Central Library, IIT Delhi, 2007)

**Library Budget 2007-2008**

<table>
<thead>
<tr>
<th>Budget</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Book Budget</td>
<td>Rs.7 6, 50,000</td>
</tr>
<tr>
<td>Periodicals Budget</td>
<td>Rs.4 10, 00000</td>
</tr>
</tbody>
</table>

**Membership**

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students (Undergraduates)</td>
<td>2265</td>
</tr>
<tr>
<td>PG Students</td>
<td>1601</td>
</tr>
<tr>
<td>PhD</td>
<td>948</td>
</tr>
<tr>
<td>Faculty</td>
<td>421</td>
</tr>
<tr>
<td>Supporting Staff</td>
<td>1175</td>
</tr>
</tbody>
</table>

**6.1.2 Library Services and Facilities**

The library provides xerox facility; Reference Services and General Assistance, borrowing facilities, Inter-library loan service, book bank and text book facilities, Video cassettes collection and web based computerised services, Electronic Reference Library (ERL) technology for access to 164
bibliographic databases subscribed on CD ROM.

i. **OPAC (Online Public Access Catalogue)**

The Library’s Online Public Access Catalogue (OPAC) can be accessed on Intranet and Internet to search more than 2,40,00 bibliographic records available in the Central Library through a web-based search interface or with window client of the Libsys. The OPAC can be searched by author, title, subject, classified number and publisher.

ii. **Reader’s Assistance**

The Library provides assistance to users in activities ranging from location of a book to finding specific information required by a user. A suggestion book is maintained with Incharge, Reader’s Services where the users of the library can suggest measures for improvements in the facilities and services of the Library.

iii. **Borrowing Facilities**

The library members, according to their borrowing category, can borrow stipulated number of books at a time against their bar-coded patron card.

iv. **Inter Library Loan (ILL) and Resource sharing Facility**

The Library arranges to procure books and journals from other libraries in Delhi on Inter Library Loan (ILL). Xerox copies of research articles are also arranged from other IITs under resources sharing agreement signed by all IITs. The JCCC interface made available through INDEST-AICTE Consortium facilitates inter-library loan and document delivery amongst IITs, IISc and IIMs.

v. **Photocopying Facility**

The Library provides within its premises photocopying facility through an external vendor on payment basis.

vi. **Text book and Book Bank Facility**

The Library maintains a separate collection of textbooks that are
recommended by the concerned departments / centres for different courses offered at IIT Delhi. Text books can be consulted within the Library premises on deposition of membership card at the Text book counter for a limited period not exceeding 90 minutes.

The Book Bank is also housed in the Text book Section of the Central library. The Book Bank holds multiple copies of selected textbooks for making them available to the students for the entire duration of a semester.

vii. Video Collection and Video Viewing Facility

The Central Library has a collection of 1,460 video cassettes. Most of the video cassettes in the library consist of video recording of series of class room lectures delivered by the IIT faculty to the undergraduate engineering students. These video recordings are done by the professional video recorders employed by the Educational Technology Services Centre. The library is equipped with video viewing facility consisting of two VCPs and video display units.

viii. Computer and Network Infrastructure

The Central Library has fairly well-developed computer and network infrastructure to facilitate use of its computer and web-based services. The Library has its own sub-LAN, which in turn, is connected to the campus LAN. The Library has more than 65 Internet enabled PCs and eight servers. 20 PCs are exclusively earmarked for users including 10 PCs for OPAC search.

The Library is a part of fiber optic based campus-LAN, which, in turn, is hooked to 5 Mbps VSNL radio link and 5 Mbps connectivity from ERNET society. In addition, Institute has acquired 34 Mbps connectivity through Reliance. The library has more than 75 Information Outlets (IOS) that link a computer node to the campus LAN and to the Internet. All 65 PCs in the Library are connected to the internet. (Central Library, IIT Delhi, 2007)

ix. Institutional Repository at IIT Delhi

The Eprints @ IIT Delhi has been set-up to host full text of research
publications of faculty and researchers of the IIT Delhi using Dspace, open source digital library software developed by the Massachusetts Institute of Technology. The Eprints@IIT Delhi provides a platform for faculty and researcher to deposit, reuse and share their research publications. The repository also has the ability to capture, index, and store, disseminate and preserve digital materials created in the Institute. The electronic documents in the repository include scholarly communications (articles and pre-prints), theses, technical reports, archives of Departments and the Institution as a whole, and other textual material. The faculty and researchers can register themselves with the digital repository and submit their pre-prints (pre-refereed version of an article), post-prints (post-referred final version) and publisher PDFs (if allowed by the publisher).

x. Database of Research Articles by the Faculty and Researchers

The Library maintains a web-enabled database of research articles published by the faculty and researchers of IIT Delhi. The database consists of 11,645 research articles and their abstracts that appeared in international peer-reviewed journals indexed by Science Citation index. (Central Library, IIT Delhi, 2007)

xi. Web based Computerized Services from the library

- Electronic Reference Library (ERL) Services

The library uses silver platter's electronic reference Library (ERL) technology to enable simultaneous and integrated web based access to ERL complaint reference databases available on CD ROM or other magnetic media to multiple users across the Institute Campus LAN. Access through the ERL interface is easier and faster since the contents of CD ROM database are transferred on to the hard disc of server in a one step process. Bibliographic records in the database are directly linked to the full text articles on the publisher's site using Silver Linker. The databases available on the ERL include: World Textiles (1970) and Biotechnology Abstracts (1980). (Central Library, IIT Delhi, 2007)
• Network based CD ROM Search Services

The library has complete collection of Indian Standards, ASTM standards and Library and Information Science Abstracts (LISA) on CD ROM that is available on the campus network.

• Recent Additions to the books and Journals

Monthly list of books added to the book collection of the library is circulated to all Departments/Centres. The issues of journals received in a month are also made available on the Library’s web site.

• Print journals and access to their electronic version

The library subscribe to 680 current journals and the JSTOR, Project MUSE, Willey Inter Science, full-text resources. Moreover, several print journals are also accessible online from the publisher’s website. Links to these full-text electronic journals are available through the library website as well as through the LibSys web OPAC.

• Electronic books


• CD – Mirror Server at the Library

A CD Mirror server has been installed in the library that mirrors CDs that comes with books acquired in the library as well as other resources like encyclopedias, databases, conference proceedings, e-books etc.

xii. Electronic Resources through the INDEST AICTE Consortium

The IIT Delhi gets access to over 10,000 full-text electronic journals and 6 bibliographic databases from a number of publishers and aggregators through the INDEST AICTE Consortium. The INDEST AICTE Web Site (indest.iitd.ac.in or http://paniiit.iitd.ac.in/indest) hosts search and browse
interfaces to locate these journals and their URLs.

xiii. **DELNET**

The Central library, IIT Delhi is a member of DELNET. The users at IIT Delhi can access databases hosted by DELNET. (Central Library, IIT Delhi, 2007)

### 6.2 Indian Institute of Technology, Kanpur

Indian Institute of Technology, Kanpur came into existence in 1960, as an ‘Institute of National Importance’ under an act of Parliament and amended in 1963. IIT Kanpur is carrying out original research of significance and technology development at the cutting edge. It imparts training to students to make them competent, motivated engineers and scientists. Presently there are 12 departments and 5 Interdisciplinary Centres in the Institute. (IIT Kanpur, 2005)

One of the premier institutions established by the Government of India, IIT Kanpur, aims to provide meaningful education, to conduct original research of the highest standard and to provide leadership in technological innovation for the industrial growth of the country. The institute began functioning in the borrowed building of Harcourt Butler technological Institute in 1959 with 100 students and a small faculty. The institute now has its own sprawling residential campus; the combined record of its past and present faculty and students along with the alumni spread across the world is awe-inspiring. With the path-breaking innovations in both its curriculum and research, the institute is rapidly gaining a legendary reputation.

(IIT Kanpur, 2007)

#### 6.2.1 P.K. Kelkar library

The Central library was established in the year 1960, and was renamed as P.K. Kelkar library in 2001. PK Kelkar Library is an academic Library of the Indian Institute of Technology, Kanpur (IITK) with a collection of more than 3,00,000 volumes and subscription to more than 1000 periodicals. It is one
of the best libraries in the nation housed in a three-storey building with the total 6973 m². floor area. The Abstracting and Indexing periodicals, Microform, CD-ROM Databases, Technical Reports, Standards and Theses are important part of this collection. Each year, on an average 4500 books and journal volumes are added to the collection.

(P.K.Kelkar Library, IIT Kanpur, 2007)

Collection (as on December, 2008)

- Books (general and reference) 225,000
- ISI standards 10,000
- Cartographic materials 550
- Machine-readable databases 25
- Periodicals (back volumes) 190,000

(P.K.Kelkar Library, IIT Kanpur, 2007)

Current subscribed journals 1227 (excluding INDEST-AICTE e-Resources)

- Print only 610
- Print plus Online 628
- Online only 18
- Technical Reports 25,500
- IIT Kanpur thesis 15,200

Following is the area-wise breakup of the Library's collections:

- Science 35%
- Technology 32%
- Humanities and Social Sciences 28%
- Other Areas 5%

(Central Library, IIT Kanpur, n.d.)
Library Budget 2007-2008

Books (Plan) Rs. 10,000,000
Periodicals (Non-plan) Rs. 5,75,00,000
NBHM Periodicals Grants Rs. 1,900,000

Special extra financial support of Rs. 1.39 crores for subscribing to back files and online access journals. (P.K.Kelkar Library, IIT Kanpur, 2008)

Membership

Undergraduate 2255
Postgraduate students 1516 (including M.Tech, MDES, MBA)
Ph.D. 747
B.Tech. 1410
Dual Degree (B.Tech. + M.Tech.) 516
M.Sc. (two years) 168
M.Sc., Ph.D. (Dual Degree) 11
M.Sc. (Five years integrated) 344
Faculty Members 326
Supporting staff 900

(P.K.Kelkar Library, IIT Kanpur, 2008)

6.2.2 Library Services and Facilities

P.K. Kelkar Library provides following services to its users:

i. Weekly Displays

The books added to the library collection are displayed on the first working day of each week and a weekly ‘List of Additions’ is available on the system. The current issues of the journals are also displayed on alternate days thrice a week.
ii. **Circulation**

A large number of books and journals from reference, textbook, and general collection areas are also consulted by users within the Library. Circulation facility has been extended to the superannuating faculty and to the institute alumni against a specified deposit.

iii. **Document Delivery Services, Interlibrary loan & Consultation Facility**

To complement the computerized information services, the library provides for the delivery of the copies of available documents against specific requests by external users. In keeping with its tradition of maintaining close cooperation with other academic libraries and sharing resources with them on a mutual basis, the library also borrows books for its users from other libraries for short durations.

Inter-Library Loan (ILL) services are extended free to sister IITs, IISc, TIFR, BARC, host of INDEST members and other technical institutions & universities. Consultation facility of the library is extended to 798 external users including 214 NICEE programme participants.

iv. **Periodicals and Documentation**

The collection of back volumes of periodicals is divided into three sequences which are on the top floor in the Library.

- Compact Shelving Sequence consisting of periodicals up to 1965.
- Indexing and Abstracting journals
- The bulk of other back volumes have been placed on the racks in a single alphabetical sequence.

The library maintains a card catalogue and on-line catalogue service for information about the holdings of periodicals and the location of individual titles. The currently subscribed journals are placed in the departmental funding order, the sequence in each division being alphabetical again, also located on the top floor. The latest issues are displayed on the slanting covers of the
pigeonholed racks. A rotating Linedex, in alphabetical order of titles, has been maintained for easy location of the current journals. Periodicals, single issues of bound volumes are not issued for home use except for overnight reading by the faculty members. Newly checked-in-journal issues are displayed on the top floor, three times a week, and the bibliographic details of the same placed on the network. (Central Library, IIT Kanpur, 1999).

v. IIT, KLAS-Library Automation System Support Services

The library now has its own library application programme, named the IIT-Kanpur Library Automation System (IIT- KLAS). IIT-KLAS is a fully integrated library automation package for computerizing the various functions of a library.

vi. Digital library

IIT Kanpur has a rich digital library including CARS (Computer Aided Reference Service), OPAC, and providing Access to Online Services.

• Access to online services

The library is providing access to online journals, database and CD collection.

• Digital Library Initiatives

The following digital library initiatives are taken by the library:

➢ Submission of theses by PG students direct to the library in CD form started from May 03, 2006.

➢ Access to Electronic Theses and Dissertations (ETD)

Library's ETD collection consisting of 9309 MTech/MDes and PhD theses as a first subset to Institutional Repository (IR) is accessible on intranet through http://172.28.64.70:8080/dspace/

• Setting up Digitization Facility

Provision for digitization facility with a high speed overhead book scanner (Minolta PS7000) and a server with capacity of one TB to host the content has been made available in the library.
• Launching of 'Faculty/Academic Staff Publications'

'Faculty/Academic Staff Publications' consisting of papers published in conference/journals, lecture notes, delivered lectures/speeches, technical/project reports and the like has been launched as a second subset to the IRs. The work is in progress.

• Weekly New Arrivals Alert

The library has started sending weekly e-mail alerts to the academic staff and students for the books added to the library during the preceding week.

• Automated Circulation Facility in Reserve Collection

Automated ‘Issue/Return’ facility in Reserve Collection, predominantly used by undergraduates, is available in the library.

• CD-ROM Database

Creation of CD-ROMs database for the following categories using WINISIS is in progress:

(i) Accompanying material to books/journals
(ii) Books only on CD-ROM
(iii) Journal only on CD-ROM
(iv) Conference proceedings Submission of Theses

• New Library Software Package

Procurement of LSPremia, a web centric software package for libraries from LibSys, and a dedicated server are under process to meet the requirements of in-house library functionalities and services, more so in the context of digital library environment. (P.K.Kelkar Library, IIT Kanpur, 2008).

vii. Other Services of the Library

• Computerized Current Awareness Services (CAS)

Using abstract-based CD-ROM databases, the library provides Current Awareness Services (CAS) to its subscribers. Through this service, users are
provided a quick view of the contents page of what is being published in journals worldwide on any particular area of interest.

- **SDI and RSS Services**

  Selective Dissemination of Information and Retrospective Search Services cover information based on a user's exclusive interest profile. SDI and RSS services are available against payment of the fixed tariff.

- **CD Server**

  The library has been building the collection of some information resources in CD-ROM and other magnetic media. Among them are some of the most important abstract-based databases. With its well-equipped CD workstations, information seeking and researching has become a great deal more fun and easier than ever before. The CD-ROM databases are available for remote access over Local Area Network.

- **Regional Library of Mathematics**

  The National Board of Higher Mathematics (NBHM) has accorded the status of the "Regional Library of Mathematics" for the northern zone to IIT Kanpur Library. In this capacity, the library has been given an annual grant of Rupees ten lakhs for subscription to mathematics journals and for the dissemination of mathematics information to the members of the Board by way of monthly CAS service entitled "The Current Mathematics Literature." Students and teachers of mathematics from any college / institute are allowed to use the library free of any charge.

- **Manpower Development and Training**

  The library has developed the necessary infrastructure, know-how and techniques (a) to impart advanced training in computer application, and (b) to convert any traditional library into a modern computerized system. The library has so far conducted many short-term courses on computer application for library & information professionals from the Regional Engineering colleges and Polytechnic Institutes spread over the country. Sponsored by AICTE and
Polytechnic Boards respectively, the course structures are designed to prepare the trainees to make a smooth transition from the traditional librarianship and information work to the modern computerized systems, such as the one IIT Kanpur Library has developed. The Central Library, IIT Kanpur can no longer be viewed as a mere collection of books. It is a door to the growing world of information, a dynamic system that nurtures and enhances the pursuit of knowledge. (Central Library, IIT Kanpur, 1999)

6.2.3 E-Journals at IIT Kanpur

The library has started subscribing to e-journals from the year 2003. It provides access to around 1000 full-text electronic journals. The library subscribes to free e-journals, subscription e-journals, and scholarly journals. It is a member of INDEST Consortia and subscribes journals through this consortium. The library provides access to e-journals campus wide. Only authorized members of the institution can access these e-journals within the campus. Library-wide IP filtering and Campus-wide IP Filtering are the connection methods provided to the users for accessing Science and Technology journals.

6.2.4 E-Resources through INDEST-AICTE Consortium

As a core member to the INDEST, IITK academic community is entitled to access 20 full-text e-resources and to 6 bibliographic databases. The following new services have been started through INDEST:

i. American Mathematical Society:
   • Online access to three journals
   • AMS Books Online

ii. American Institute of Physics/American Physical Society:
   (Online access to their twenty four titles with complete back files.)

6.3 Delhi University

The University of Delhi (DU) is a central university located at Delhi, India and is funded by Government of India. Established in 1922, it offers...
courses at the undergraduate and post-graduate level. The Vice-President of India is the Chancellor of the University of Delhi.

The University of Delhi was established as a unitary, teaching and residential university by an Act of the then Central Legislative Assembly. Only three colleges existed then in Delhi: St. Stephens College founded in 1881, Hindu College founded in 1899 and Ramjas College founded in 1917, which were affiliated to the University. The University thus had a modest beginning with just three colleges, two faculties (Arts and Science) and about 750 students. In October 1933, the University offices and the Library shifted to the Viceregal Lodge Estate, and till today this site is the nucleus of the University (Main Campus). Situated in the national capital, DU attracts an enormous number of students from all over India and students from other countries. At present there are 14 faculties, 86 academic departments and 8 centres of learning operating in the University. (University of Delhi, n.d.).

6.3.1 Delhi University Library System

The Delhi University Library began in 1922 with a collection of mere 1380 gift books. The library, with its regular expansion and outgrowth in the number of libraries, has led to the emergence of the concept of the Delhi University Library System (DULS) to cater to the needs of its users.

Delhi University Library System (DULS) is having more than 34 libraries in its hold; it is accomplishing its task of reaching to wider academic community. It is fulfilling the information and research needs of nearly 225,000 students, 7,000 faculty members and over 41,00 research scholars enrolled in M.Phil or Ph.D. programmes, in addition to hundreds of bonafide research scholars from different parts of the world. Major libraries of DULS are Central Reference Library, Arts library, Central Science Library, Law Faculty Library, Ratan Tata Library and South Campus Library. (Shrimali, K.M., n.d.).

Collection (as on March 31st 2008)
Print Collection

The print collection of Delhi University Library System comprises of the following:

- Books: 14,50,000 volumes
- Current Journals: 1480 Journals
- Bound Journals: 5,000 bound volumes
- Ph.D. Thesis: 14,500 volumes
- M.Phil Dissertations: 5,600 volumes
- Manuscripts: 700 manuscripts
- CD ROM: 3,000 CDs

(Central Reference Library, n.d.)

Electronic Resources

Delhi University Library System subscribes to a large number of e-databases including reference sources, full text sources and bibliographic databases and these can be accessed through its website.

It is being made available through campus network in the university campus and can also be accessed in the colleges. It subscribes to 30 high value databases covering all the subjects taught throughout the university. In addition to this 24 databases (20 full text and 4 bibliographic) are accessible through UGC-INFONET Digital library Consortium. Important open access e-resources are regularly culled out and listed on the DULS website for access. A complete list of e-resources along with URL address is available at library’s website. (Rajesh & Jindal, 2009).

Library Budget 2007-2008

Library's current budget for periodicals for the year 2007-2008

Periodical Budget: 2, 13, 88,000
Membership

PG Students 5,700
Faculty Members 1,100
Research Scholars 41,000

6.3.2 Library Services and Facilities

In general, Delhi University Library System offer following facilities and services:

i. Borrowing Facility

Books borrowed from other libraries are required to be used within the Central library on the production of bonafide ticket/membership card.

ii. Text book Service

iii. Reference, Referral and Information Service, and E-referencing

iv. Reservation of Books

v. Inter-Library Loan Service

vi. Facility to browse Reading Materials in Open Access Environment

vii. Use of Special Collections

The students and teachers of the Department of Slavonic and Finno-Ugrian Studies have been provided the library services in the North Campus through the Central Library. The Collection of the Department along with staff and the budgetary allocation will now be under the control of the Central Library.

viii. Use of Theses and Dissertation

Use of theses and dissertation is restricted within the library premises. An outsider after paying a sum amount of Rs. 100 can use the theses and dissertation in the particular section for a month.

ix. Facility to Research Scholars

The services to the Research Scholars in the Central Library have been
streamlined effectively. Each registered scholar have been provided with 30 temporary library tickets in the Central Library to pick up the books from the shelves and place the same in the identified cubicles by recording the same with the staff of the research floor.

x. **Assistance in the use of Electronic Resources**

It is heartening to know that University of Delhi alone has more than 2 lakh hits for accessing the e-resources provided under the UGC-INFONET Digital Library Consortium.

xi. **Information Literacy and Competency Programmes**

Information Literacy and Competency Programmes have been conducted for the benefit of students and teachers of the University. The postgraduate students are getting benefit in the classroom environment by visiting different departments and empower them with the benefits of ICT. The Central Science Library has also been conducting such orientation programmes to acquaint the users with library resources and services.

xii. **Article Alert Service**

The Central Library continued to produce Article Alert services in major subjects of Social Sciences and Humanities. Photocopying Service by adhering to the Copyright Provisions is available through the commercial vendors in the vicinity of Library.

xiii. **Online Services**

Delhi University Library provides various online services to cater to the information needs of different user categories. These are OPAC, Digital Collection, Subscribed E-resources, Public Domain E-Resources, Chicago Manual of Citation Online, DELNET and e-Referencing.

xiv. **Online Catalogue**

OPAC of the Delhi University Library System has been strengthened with the placement of more and more bibliographical records. There are about
8.5 lac bibliographical records available on the DULS website for global accessibility.

xv. **Digitization of Books**

Digitization of 3000 books under the pilot project was carried out in collaboration with CDAC, Noida. About 10.5 lac pages have been digitized and the same have been placed on Delhi University Library System Website.

xvi. **E-Referencing**

Delhi University Library System has introduced the reference service through e-mail. Users can post their mail to library’s e-referencing site.

xvii. **Development of IT Infrastructure for Physically Challenged**

In order to provide more services to physically challenged academic community, University of Delhi signed a MoU with National Thermal Power Corporation (NTPC).

xviii. **Manpower Development and Training**

Kathpalia Committee was constituted in April 2007 to look into the existing promotion policy of Delhi University Library System. One of the major recommendations of the Committee was to provide extensive training to the existing library staff of the Delhi University Library System and Colleges and to acquaint them with the modern approach to library services. The Library is in the process of establishing a training centre and would be providing multi-fold exposure to different categories of Professional and Para-professional library staff of Delhi University Library System and of Colleges. (Delhi University, n.d.)

**CONCLUSION**

The chapter reveals that IIT Delhi library is providing video cassettes which consists of video recording of series of class room lectures delivered by the IIT Faculty to the Undergraduate Engineering Students. In addition, the library has developed a repository of its intellectual output (Research
Publications of Faculty and Researchers, Theses, Technical Reports, Archives of the Departments and the institution as a whole, whereas IIT Kanpur for setting up repository of its intellectual output, is at progression stage. Library for providing computerized Current Awareness Services to its subscribers use abstract-based CD-ROM Databases. Library has started sending weekly e-mail alerts to the academic staff and students for currently arrived material added to the library during the preceding week. Delhi University Library provides various online services such as OPAC, Digital Collection, Subscribed E-Resources, Public Domain E-Resources and E-Referencing. Besides this, Information Literacy and Competency Programmes are other added services. Apart from aforementioned manpower development & training is provided to staff members in IIT Kanpur and Delhi University to acquaint them with the modern approach to library services. IIT Delhi and Delhi University libraries provide access to DELNET databases not available in IIT Kanpur.
REFERENCE.


