Chapter-3: Institutional Profile

Though the present study has been conducted among the Students including Post graduate and Research Scholars, Library staff and faculty members of Indian Institute of Technology, Delhi, Indian Institute of Technology Kanpur and University of Kashmir. However, this chapter will discuss a brief history, collection, Services, Sections and Membership of Central Libraries of IIT Delhi, IIT Kanpur and University of Kashmir.

3 Indian Institute of Technology (IIT), Delhi

The concept of the IITs was first introduced in a report in the year 1945 by Shri. N. M. Sircar, the then member of Education on Viceroys’ Executive Council. Following his recommendations, the first Indian Institute of Technology (IIT) was established in the year 1950 in Kharagpur. The Government of India negotiated with the British Government for collaboration in setting up an Institute of Technology at Delhi. The British Government agreed in principle to such collaboration, but was inclined initially to start in a modest way. It was therefore, agreed that a College of Engineering and Technology should be established at Delhi with their assistance. A trust called the Delhi Engineering College Trust was established with the help of the UK Government and the Federation of British Industries in London. Later H.R.H. Prince Philips, Duke of Edinburgh, during his visit to India, laid the foundation stone of the College at Hauz Khas on January 28, 1959. The College of Engineering and Technology formally established in 1961 was declared an Institution of National Importance under the “Institute of Technology (Amendment) Act 1963” and was renamed “Indian Institute of Technology Delhi”. It was then accorded the status of a University with powers to decide its own academic policy, to conduct its own examinations, and to award its own degrees. 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 (IIT Delhi, 2009).
3.1 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. The Library besides having huge collection of books on Engineering, Humanities, Science, Literature and Management, houses a total collection of more than three lakh documents comprising of books, theses, journals, video cassettes and compact discs in the fields of Engineering, Humanities, Science, Literature and Management.

3.1.1 Library Software

The Library uses LibSys software package which is an integrated multi-user library management system and supports all in-house operations of the library. The LibSys consists of modules on acquisition, cataloguing, Circulation, serials, article indexing and OPAC. The 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. Retrospective conversion of bibliographic records has been completed. The database of books available in the library is being updated on day to day basis with details of recently acquired books. The LibSys package has been successfully implemented (IIT Delhi, 2009).

Besides above, the Library 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 (IIT Delhi, 2009). The collection and membership of the Library is given in break-up wise manner as under:
3.1.2 Collection and Membership

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>2,59,762</td>
</tr>
<tr>
<td>Current Journals</td>
<td>690</td>
</tr>
<tr>
<td>Bound Volumes of periodicals</td>
<td>1,02,232</td>
</tr>
<tr>
<td>Standards</td>
<td>26,923</td>
</tr>
<tr>
<td>Theses</td>
<td>3,591</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>1,800</td>
</tr>
<tr>
<td>CDs/DVDs</td>
<td>1200</td>
</tr>
</tbody>
</table>

Membership

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Students (Undergraduates)</td>
<td>2265</td>
</tr>
<tr>
<td>PG Students</td>
<td>1635</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>

3.1.3 Library Services and Facilities

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

- **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.

➢ **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.

➢ **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 In-Charge Reader’s Services, where the users of the library can suggest measures for improvements in the facilities and services of the Library.

➢ **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.

➢ **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 of the country under resource sharing agreement signed by all IITs. The JCCC interface made available through INDEST-All India Council of Technical Education (AICTE) Consortium facilitates inter-library loan and document delivery amongst IITs, Indian Institute of Science (IISc) and Indian Institute of Management (IIMs).

➢ **Photocopying Facility**

The Library provides within its premises photocopying facility through an external vendor on reasonable charges.

➢ **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.

- **Video Collection and Video Viewing Facility**

The Central Library, IIT Delhi 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.

**3.1.4 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 fibre 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 links a computer node to the campus LAN and to the Internet. All 65 PCs in the Library are connected to the internet.

**3.1.5 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).

3.1.6 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 (IIT Delhi, 2009).

3.1.7 Web based Computerized Services of 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).

- **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.

- **Print journals and access to their electronic version**
The Library subscribe to 690 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.
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 encyclopaedias, databases, conference proceedings, e-books, etc.

Electronic books

3.1.7.1 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://paniit.iitd.ac.in/indest) hosts search and browse interfaces to locate these journals and their URLs.

3.1.7.2 DELNET Databases
The Central library, IIT Delhi is a member of DELNET. The users at IIT Delhi can access databases hosted by DELNET (IIT Delhi, 2009).

3.2 Indian Institute of Technology (IIT), 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. 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 (IIT Kanpur, 2005). With the path-breaking innovations in both its curriculum and research, the institute is rapidly gaining a legendary reputation among all IITs of the Country.

3.2.1 P.K. Kelkar library
The Central library of IIT Kanpur was established in the year 1960, and was renamed as P. K. Kelkar Library in 2001 after the name of its founder Purushottam Kashinath Kelkar. P. K. 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 (IIT Kanpur, n.d). The collection and membership is given as follows:

3.2.2 Collection and Membership

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books (general and reference)</td>
<td>225,000</td>
</tr>
<tr>
<td>ISI standards</td>
<td>10,000</td>
</tr>
<tr>
<td>Cartographic materials</td>
<td>550</td>
</tr>
<tr>
<td>Periodicals (back volumes)</td>
<td>190,000</td>
</tr>
<tr>
<td>Current subscribed journals (excluding INDEST-AICTE e-Resources)</td>
<td></td>
</tr>
<tr>
<td>Print only</td>
<td>610</td>
</tr>
<tr>
<td>Print plus Online</td>
<td>628</td>
</tr>
<tr>
<td>Online only</td>
<td>18</td>
</tr>
<tr>
<td>Technical Reports</td>
<td>25,500</td>
</tr>
<tr>
<td>IIT Kanpur thesis</td>
<td>15,200</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science</td>
<td>35%</td>
</tr>
</tbody>
</table>
Technology 32%
Humanities and Social Sciences 28%
Other Areas 5%

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 357
Supporting staff 900

3.2.3 Library Software Package
The Library migrated from a self designed iit-KLAS (Kanpur Library Automation Software) to LibSys software. It has recently procured LSPremia, a web centric software package for libraries from LibSys, and a dedicated server to meet the requirements of in-house library functionalities and services, more so in the context of digital library environment (Annual Report, 2006-07).

3.2.4 Library Services and Facilities
P.K. Kelkar Library provides following services to its users:

- **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.

- **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 and Universities. Consultation facility of the library is extended to 798 external users including 214 NICEE programme participants.

- **iit- KLAS-Library Automation System Support Services**
  Besides, having LibSys software for automating the library operations, the library has now its own library application programme, named the iit-Kanpur Library Automation Software (iit-KLAS). The software is a fully integrated library automation package for computerizing the various functions of a library.

- **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 up by the library:
    
    i) Submission of theses by PG students direct to the library in CD form started from May 03, 2006.
    
    ii) Access to Electronic Theses and Dissertations (ETD)
    Library's ETD collection consisting of 9309 M. Tech/MDes and Ph.D 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

- **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 online 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 (IIT Kanpur, n. d.).

3.2.5 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-ROMs 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 to (a) 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 and 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 (*IIT Kanpur, 1999*).

### 3.2.6 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.

### 3.2.7 E-Resources through INDEST-AICTE Consortium

As a core member to the INDEST, IITK academic community is entitled to access 6500 full-text e-resources and 6 bibliographic databases. Besides earlier
services of INDEST-AICTE, The following new services were started during 2008-09 through INDEST:

- **American Mathematical Society:**
  - i) Online access to three journals
  - ii) AMS Books Online

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

- **New Services**
  - i) Journal of Optical Society of America: A & B
  - ii) Applied Optics (*Annual Report, 2008-09*).

### 3.3 Kashmir University

The Kashmir University was established immediately after independence in 1948 as the centre to conduct examinations; however, in 1956 with the establishment of three postgraduate departments, it became a full-fledged University as University of Jammu and Kashmir. The Kashmir University is situated at Hazratbal, an idyllic area on the western side of the fabulous Dal Lake of Srinagar and held in veneration by the Muslims for the beautiful mosque that enshrines the holy hair of Prophet Muhammad (Peace be upon him) (*University of Kashmir, 2011*). The unique combination of lake and mountain scenery, and the impressive calm and serene ambience provide a highly congenial atmosphere for the philosopher's contemplation and the scientist's research.

Presently, the University has 13 faculties, 38 teaching departments, 15 research and other centres. Over the years, the University has evolved at very fast rate, with all the major faculties managed by experienced academicians, some of whom occupy places of eminence in the academic world. The University was accredited as “A Grade” University by the National Assessment and Accreditation Council (NAAC) of India in 2002. Besides the departmental libraries, the University has a fully computerized centrally-heated Central library, called Allama Iqbal Library, with a vast collection of books, leading national and international journals, magazines and internet facility. The
location of the library, a magnificent edifice, at a walking distance from the various departments of the University, renders it easily accessible to teachers, research scholars and students of the University (University of Kashmir, 2011).

3.3.1 Allama Iqbal Library

The history of Allama Iqbal Library goes back to 1949 with the inception of "University of Jammu and Kashmir". The Library was established to cater to the academic and research needs of the scholars, students and teachers of Jammu and Kashmir. With the split of the erstwhile Jammu and Kashmir University in 1969, the collection of the library was shared by the libraries of two Universities Viz., University of Jammu and University of Kashmir. In 1975, the Central Library of Kashmir University was shifted to its present multistoried building. In 1984, it was renamed as Iqbal Library and as Allama Iqbal Library in July 2002. This Library (the largest in the state) is presently the Centre of the University Library System, having forty-three Seminar Libraries attached with different Departments, Centers, and the Institutes of the University. The Allama Iqbal Library has 16 Divisions in well decorated and centrally heated halls managed by well qualified professional staff (University of Kashmir, 2012). The Library also provides useful and research oriented services to the reading community in calm, cozy and clean atmosphere. The collection and membership of library is given below in break-up wise manner:

- **Collection**

<table>
<thead>
<tr>
<th>Books</th>
<th>6,31217 (approx)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Journals (Back volumes)</td>
<td>56,513 (approx)</td>
</tr>
<tr>
<td>Current Journals</td>
<td>297 (Print)</td>
</tr>
<tr>
<td>Manuscripts</td>
<td>415</td>
</tr>
<tr>
<td>Rare Books</td>
<td>1442</td>
</tr>
<tr>
<td>Digitized Books</td>
<td>1800</td>
</tr>
<tr>
<td>Microfilms</td>
<td>22</td>
</tr>
<tr>
<td>Microfiche</td>
<td>515</td>
</tr>
</tbody>
</table>
Membership

<table>
<thead>
<tr>
<th>A</th>
<th>P.G Students</th>
<th>5960</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Ph.D/M Phil</td>
<td>398</td>
</tr>
<tr>
<td>C</td>
<td>Teachers</td>
<td>375</td>
</tr>
<tr>
<td>D</td>
<td>Others</td>
<td>751</td>
</tr>
</tbody>
</table>

Besides above, the library also houses Iqbal collection, Usmania collection, Trilok chand Mehrooml Collections Donated by Prof. Jagan Nath Azad.

3.3.2 Services Provided by Allama Iqbal Library

- Fully automated issue and return of books.
- Online Catalogue of its own collection and other networked libraries.
- Reference services through qualified staff.
- Reprographic services to all members.
- Database services through INFLIBNET.
- Bibliographic services.
- Internet services to meet the academic pursuits of students & teachers.
- Inter Library Loan/ Resource sharing through all networked libraries.
- Selective Dissemination of Information and Current Awareness services.

The Library is also subscribing one of the leading portal services of India known as J-Gate service, where under the contents page, abstract and full text articles appearing in more than eight thousand five hundred reputed scholarly Journals in sciences and social services are made available to the users online. Xeroxing facility is provided to the readers on the table. The V-SAT and Radio link connectivity installed in the library provides much needed internet facility to the faculty members, research scholars and PG students. The users are availing this facility through 48 computers installed in its newly established Internet Access Centre. Various local National and International news papers are available online to the users for keeping them up-to-date.

3.3.3 Extension Activities

Besides the discussed routine services, the library undertakes different extension activities like organizing Exhibitions and Extension Lectures by
eminent academicians, conducting computer training programs for staff and faculty and publishes indexes and other reading material for guidance of students and promotion of research (University of Kashmir, 2012).

3.3.4 Library Software

The library started with CDS/ISIS software in 1997 for automating its housekeeping operations. However, after realizing the shortcomings of the software, the library in 2003 migrated to SOUL (Software for University Libraries). Nevertheless, after facing the problems in SOUL software particularly with RFID compatibility, the library switched over to Virtua Software of VTLS Company in 2008. Notably, the integration of RFID with Virtua software has been successfully implemented. Besides the above software’s, the library is using KLIBNET for connecting all major libraries of the Valley.

3.3.5 Internet Access Centre

The Library has recently started a number of IT based services for the users. With the establishment of campus networking and network based Internet Service; Allama Iqbal Library is becoming part of the Virtual Library System. Besides, its own and departmental library collection, it is providing online access to various resources available on World Wide Web (WWW). The users can have easy access to catalogues of the collection of other reputed national libraries across the globe.

3.3.6 Contribution from INFLIBNET Centre, Ahmadabad

The INFLIBNET centre has extended cooperation to this University Library from time to time for the automation and networking of the activities carried out in the library. The centre has actively supported for; Retro-Conversion, Data base service, Softwares, Web Services, Training and V-SAT facility. In addition, the library is collaborating with various national and international organizations connecting with information dissemination.

3.3.7 Divisions/Sections of Allama Iqbal Library

- 24x7 Library Facilities Centre

Right at the left side of the basement of library is located 24x7 library facility
centre which remains open round-the-clock throughout the year. It houses latest material for the students preparing for competitive tests and civil service like IAS, NET, GAT, KAS and TOEFL examinations. Besides, the availability of networked computers, the centre enable users to surf Internet round-the-clock; daily, local, national and some international newspapers are also displayed here (Allama Iqbal Library, 2011).

- **OPAC (Online Public Access Catalogue)**

Allama Iqbal Library is an ISO 9001: 2008 certified library. Its OPAC facilitate Basic and Advanced search; External Databases; Viewing records; Managing your session; Using the chart; Using filters and Search history. The help button which helps users in step wise manner is also available in its OPAC. It allows users to search for all the resources available in the library. Users can also check their library account (University of Kashmir, 2011).

- **Manuscript Gallery**

Viewing of Manuscripts is free, but it has been created for research purpose only. Allama Iqbal Library also provides downloading facility for requisition of forms of books and E-Resources access form (University of Kashmir, 2012).

- **Browsing/Internet Access Centre/Documentation center**

Offer Internet service to the faculty, students and others. Adequate assistance is provided to access information on web. Wi-Fi configuration of laptops is also done here. Documentation center prepares information for dissemination to the scholars and students of the university.

- **Circulation Counter and Library Innovation and Support Center**

Circulation section is dedicated to the issue of library membership cards, issue and return of books. While Library Innovation and Support center is responsible for all the IT related works of the library and maintains the Library IT management setup.

- **Text Books/Reference /Lending/RFID card Printing Section**

Rich collection of core text books relevant to the courses taught in the
University are kept in this section. Users can browse through the book racks and can also take the help from the section In-Charge in locating their relevant books. Reference division possesses encyclopaedias, dictionaries, directories, handbooks and books on Kashmir, etc. Personal help to the users in retrieving information from the library sources is given here. Lending Section possesses rich collection of general books to the courses taught in the University.

➢ **Urdu Section and Urdu Back Files**

Books on literature and Urdu language are available here. Urdu Back files process books and journals on Urdu, Kashmiri, Islamic studies, Arabic and Persian, etc. It also holds the special collection viz. Usmania Collection.

➢ **Technical Section/Automation Section**

Responsible for computerization, data migration, import/export of data and data generation compatible to International Standards such as MARC21, AACR-2, MARCXML and ISO-2709. This Section also acts as a nodal agency for networking of libraries and information centres in colleges and affiliated colleges of Kashmir University and institutions of higher education in Jammu and Kashmir State with an aim to promote scholarly communication and resource sharing.

➢ **Reprography and Housekeeping**

Adequate Xerox, printing and allied services are available for users at nominal charges. Housekeeping division functions for maintenance and upkeep of various divisions of the library. Besides, it ensures cleanliness and sanitation in the library.

➢ **International Resource Cell (IRC)**

The British High Commission has established International Resource Cell in the library, where resources on Gender Studies, International relations, Economics, Politics, Conflict Management, Sociology, etc. are available to the users. It is a vibrant centre where activities like book reviews, video conferencing, film screening, face-to-face discussions with eminent personalities and workshops are held regularly, besides access to some indispensable source materials both in print and electronic form.
3.3.8 E-Resource Centre

E–Resources centre is a vibrant centre of Allama Iqbal Library giving access to various online resources including a number of databases. Besides the online resources, current journals of various fields in print are available to the users in this centre. The Centre, with 53 computers and well equipped audio-video lab has evoked a good response from the user community. It is one amongst the fifty University libraries in India selected by the University Grants Commission for free online access to scholarly journals (published all over the world) under its UGC-INFONET programme (Allama Iqbal Library, 2011).

3.3.8.1 Online Digital Resources

The online digital resources are discussed in break–up wise manner as under

➤ Databases (Bibliographic Databases)

It comprises of Web of Science (Through N-List Programme); InfoTrac; JCCC (J-Gate Custom Content for Consortia); ISID; Delnet; SciFinder Scholar (Chemical Abstract Service); MathSciNet (Mathematical Abstract Service); Royal Society of Chemistry.

➤ Online Databases (Full-text) & Online Libraries (Digital Libraries)

Online databases comprise collection of Elsevier’s Science Direct; Springer; Taylor & Francis; Emerald (LIS) and EBSCOhost. Online Libraries contains E-library 45000+ titles and Questia.

➤ Open Access Resources

Open Access Repository of Allama Iqbal Library contains collections of theses, journals, university publications, research papers/ articles, E-paper clippings and extension lectures. E-Resources access of Allama Iqbal Library is limited to bonafide members only (University of Kashmir, 2011).

User Id

Password
Virtual resources

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<tr>
<th>S. No.</th>
<th>Source</th>
<th>URL</th>
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<td>1</td>
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<tr>
<td>2.</td>
<td>Iqbal Cyber Library</td>
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<td>3.</td>
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<td>Education</td>
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<td>6.</td>
<td>Judgement Information System</td>
<td><a href="http://www.jidis.nic.in/">http://www.jidis.nic.in/</a></td>
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<td>Country &amp; Region</td>
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(University of Kashmir, 2012).

Consortium E-Resources (Full-text)

This contains UGC-InfoNet Digital Library Consortium. All electronic resources subscribed under UGC-InfoNet Digital library consortium are available from the publisher’s Website.

3.3.8.2 Acquisition/Processing and Departmental Libraries

Acquisition centre acts as a procurement of books and allied materials for the whole Allama Iqbal Library system. Processing section is responsible for classification, cataloguing and RFID tagging of books and allied materials. While Departmental libraries section takes care of the requirements and functioning of seminar libraries of various departments and research centers.

3.3.8.2 Periodicals (Science Back files)

Besides Internet facility to research scholars, it also holds bound volumes of the scholarly journals on science published within and outside the country across the globe.
3.3.8.3 **Periodicals (Social Science Back files)**

Besides possessing the large scholarly journals on social science published within and outside the country, this section also houses a sizeable collection of Hindi and Sanskrit literature and it also maintains archives of both local and national newspapers right from 1959. This floor is also responsible for conducting workshops and training programmes in Library Automation. Here useful materials in many formats are downloaded and properly organised for the use of library members.

3.3.8.5 **Less Used Collection Section**

Though it houses less used books, but they are very useful, properly shelved, arranged and catalogued. In addition, it also maintains Theses and Dissertations of various disciplines shelved in a systematic order.

3.3.9 **User Education**

User education facility is the permanent feature of library. This facility has been started in view of fresher students being unfamiliar with different services and sections of the library (*Allama Iqbal Library, 2011*).
References


† Note: As revealed through telephonic conversation by the Library staff on May 13, 2011. Author has also tallied it by counting faculty staff and scholars strength available at various places of the institutional website.