APPENDIX I

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE
ALIGARH MUSLIM UNIVERSITY, ALIGARH

Questionnaire for Librarian

Dear Sir,

I am conducting a survey on “Use of Online databases in Social Sciences and Arts in Central Universities in Delhi and Uttar Pradesh: a Comparative Study” for my research work leading to Ph.D. In this regard I would like to get the benefit your professional experience, expertise and also your valuable time for filling up this questionnaire. I shall be grateful to you, if you could kindly fill the questionnaire and return back the same as soon as possible. Please answer all the questions and make any additional suggestion in the space provided. Information provided by you will be kept highly confidential and used for research purpose only.

Your cooperation will be highly appreciated.

Sincerely Yours

Saima Khan

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Personal Information

Name……………………………………
Library………………………………
University………………………………

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Budget

1. Please indicate the annual budget for library resources along with the budget allocated for the online databases.

<table>
<thead>
<tr>
<th>Year</th>
<th>Total budget for library Resources</th>
<th>Budget for online database subscription</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009-2010</td>
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<td>2010-2011</td>
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<td>2011-2012</td>
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<td>2012-2013</td>
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<tr>
<td>2012-2014</td>
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</tbody>
</table>

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Collection Development

2. Please indicate the total collection of online databases available in your library.

<table>
<thead>
<tr>
<th>Databases through UGC INFONET</th>
<th>Subscribed Databases</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

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3. How do you know about the databases useful for your library?(select all that apply)

(a) Faculty recommendations [ ]
(b) Users recommendations [ ]
(c) Staff/ Library committee recommendations [ ]
(d) Books/ Newsletter reviews [ ]
(e) Consulting News group( listserve) [ ]
(f) Through vendors [ ]
4. Which of the following criteria are adopted while selecting the online databases for your library? (Tick all that apply)

(a) Coverage of the database [ ]
(b) Authority/Publisher [ ]
(c) User’s need [ ]
(d) Quality [ ]
(e) Cost [ ]
(f) User interface [ ]
(g) Functionality & reliability [ ]
(h) Technical feasibility [ ]
(i) Licensing policy [ ]
(j) Authentication (access options) [ ]

5. How do you acquire the online databases?

(a) Through Consortium [ ]
(b) Through Subscription [ ]

6. What are the different modes of acquisition of subscribed online databases? (select all that apply)

(a) Through publishers [ ]
(b) Through Aggregators [ ]
(c) Professional organizations/ Association [ ]

7. How do you provide access of online databases to users?

(a) On campus IP Authenticated Access [ ]
(b) On campus ID & password Access [ ]
(c) Remote Access [ ]

8. If you are provided remote access, which of following means of provision you are using?

(a) Proxy server [ ]
(b) Athens login [ ]
(c) Shibboleth login [ ]
(d) Shared activation links [ ]

9. How do you determine the usage of online databases in your library? (multiple answers are permitted)

(a) Through Log analysis [ ]
(b) By Usage register [ ]

(Note: Kindly provide the statistics pertaining to usage of online databases in library for the year 2012-2014)

10. Did you find any impact of online databases on printed sources?

(a) Usage increased [ ]
(b) Usage decreased [ ]
(c) No effect [ ]

Problems

11. Problem(s) faced while subscribing to online databases.

(a) Back issues & Archiving [ ]
(b) Pricing [ ]
(c) Journal title deletion/ modification [ ]
(d) Renewals [ ]
(e) Lack of Value added services [ ]
(f) No Problems [ ]

12. What difficulties you encounter while providing the access to online database services in libraries? (select all that apply)

(a) Networking problem [ ]
(b) Insufficient collection [ ]
(c) Inadequate library resources (equipments) [ ]
(d) Lack of skilled/trained IT personnel [ ]
(e) Technical (System errors) [ ]
(f) Financial constraint [ ]
(g) Licensing [ ]
(h) No problem [ ]
Facilities
13. What facilities do you provide for proper exploitation of online databases? (Select all that apply)
   (a) Computer lab/Cyber library [ ]
   (b) Adequate number of computers/ Kiosks [ ]
   (c) Audio visual devices [ ]
   (d) 24x7 access [ ]
   (e) Support services [ ]
   (f) Online tutorial [ ]
   (g) Trial Access [ ]

14. Method(s) to Alert/Update the users about online databases services.
   (a) Through library website [ ]
   (b) Through University web page news /updates [ ]
   (c) Through E-mails [ ]
   (d) Through Notifications/ Circulations [ ]
   (e) University Magazine/Newsletter [ ]

Support Services
15. What type of support do you get from online database service providers? (select all that apply)
   (a) Manual/ Tutorials [ ]
   (b) Product customization [ ]
   (c) Feedback [ ]
   (d) Trial/Product demonstration [ ]
   (e) Technical /customer support [ ]

Satisfaction and Training
16. Factor(s) you find responsible for less or unsatisfactory use of databases in the field of Arts and social sciences? (select all that apply)
   (a) More dependence on print sources [ ]
   (b) Lack of awareness among users [ ]
   (c) Lack of proper planning in providing services [ ]
   (d) Lack of IT skills/expertise among users [ ]
   (e) Lack of interest in online sources [ ]
   (f) Lack of orientation programme [ ]

17. Do you organize any Training or orientation programs for better utilization of online database services
   (a) For staff Yes [ ] No [ ]
   (b) For user Yes [ ] No [ ]

18. What type of training/orientation have you provided in the last five years?
   (a) Library orientation programme [ ]
   (b) Publishers/ commercial vendors demo [ ]
   (c) Training/workshop [ ]
   (d) Information Literacy Programmes Training/workshop [ ]

19. Please give your valuable suggestion based on your experience on how to improve databases services further in libraries.

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Thank you
Dear Respondent,

I am pursuing my Ph.D on “Use of Online databases in Faculties of Social Sciences and Arts in Central Universities in Delhi and Uttar Pradesh: A comparative Study” from Aligarh Muslim University. I shall be grateful to you, if you could kindly fill the questionnaire and return back the same as soon as possible. Please answer all the questions and make any additional suggestions in the space provided. The data collected through the questionnaire will be kept highly confidential and used for research purpose only. Your Cooperation will be highly solicited.

Sincerely Yours
Saima Khan

**Part I**

**PERSONAL DETAILS**

Name: ..........................................................

Status:       (PG/ Research Scholar/ Faculty)

Department: ..........................................

University: ..........................................

**Part II**

**AWARENESS**

1. State your awareness about online databases (i.e. Annual review, Emerald, JSTOR and ScienceDirect etc.)?
   - (a) Extremely aware [ ]
   - (b) Neutral [ ]
   - (c) Slightly aware [ ]

2. How did you get acquainted with the online databases available in your library? (select all that apply)
   - (a) From Teachers [ ]
   - (b) Friends/colleagues [ ]
   - (c) Trial & error [ ]
   - (d) Library orientation programme [ ]
   - (e) Library website [ ]
   - (f) Internet search [ ]

**USE OF DATABASES**

3. How frequently do you use the online databases?
   - (a) Daily [ ]
   - (b) 2-3 times a week [ ]
   - (c) 2-3 times a month [ ]
   - (d) Occasionally [ ]

4. What is the purpose of using online databases? (select all that apply)
   - (a) Research [ ]
   - (b) Project /Assignments [ ]
   - (c) Writing papers [ ]
   - (d) Teaching [ ]
   - (e) To update knowledge [ ]

5. Which of the following sources do you search for in a database? (select all that apply)
   - (a) Books [ ]
   - (b) Journal articles [ ]
   - (d) Theses/Dissertations [ ]
   - (e) Reference Work (Encyclopedia) [ ]
   - (f) Miscellaneous (Editorials, etc.) [ ]

6. Location from where you access the online databases? (select all that apply)
   - (a) University library [ ]
   - (b) Departmental lab [ ]
   - (c) University computer center [ ]
   - (d) Teachers chamber [ ]
   - (e) On campus (Wi-Fi) [ ]
   - (f) Remote access [ ]
7. What type of Information do you usually look at in the databases? (select all that apply)
   (a) Bibliographic citations [ ]
   (b) Full-text [ ]
   (c) Multimedia (Images/videos/sound files) [ ]
   (d) Numeric/Statistics [ ]

8. How do you determine the relevance and reliability of the document retrieved through the databases? (Tick all that apply)
   (a) Authority (Author, publisher, etc.) [ ]
   (b) Content [ ]
   (c) Citation/Reference [ ]
   (d) Up-to-Dateness [ ]
   (e) Hyperlinks (Active/Inactive) [ ]
   (f) Currency [ ]

9. How important are the following databases that you access through your library network. Rate them on the basis of their importance for your study/work. (Use 1= very important; 2= moderately important; 3= Somewhat Important; 4= Not Important; 5= No Opinion)

<table>
<thead>
<tr>
<th>Online Databases</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABI/INFORM Complete</td>
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<tr>
<td>Academic Search Premier</td>
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<td>Annual Review</td>
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<td>Business Source Premier</td>
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<tr>
<td>Cambridge University Press</td>
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<tr>
<td>Econlit</td>
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<tr>
<td>Encyclopedia Britannica</td>
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<tr>
<td>Emerald Management Xtra</td>
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<td>H W Wilson Omni File Full Text</td>
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<tr>
<td>Humanities International Complete</td>
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<td>ISI Emerging Markets CEIC Asia</td>
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<td>ISI Emerging Markets EMEI Asia</td>
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<td>ISID</td>
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<tr>
<td>JSTOR</td>
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<tr>
<td>Early English Book Online</td>
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<td>Lexis Nexis</td>
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<tr>
<td>Library, Information Science &amp; Technology Abstracts, (LISTA)</td>
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<tr>
<td>LISA: Library and Information Science Abstracts</td>
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<tr>
<td>Oxford University Press</td>
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<td>Project MUSE</td>
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<td>Science Direct</td>
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<td>Scopus</td>
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<tr>
<td>Soc Index with Fulltext</td>
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<tr>
<td>Taylor and Francis</td>
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<tr>
<td>Web of science</td>
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<td>Wiley Inter science</td>
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<tr>
<td>ProQuest -UMI database</td>
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</table>

SEARCH PROCESS

10. Describe the method(s) you follow to search and access online databases.
   (a) Links through library website [ ]
   (b) Links through publisher website [ ]
   (c) Through online database website [ ]
   (d) Through search engines [ ]

11. Which of the following search method do you use mostly?
   (a) Basic Search/Quick search [ ]
   (b) Advanced search [ ]
   (c) Expert search [ ]
   (d) Citation locator/Cited Reference search [ ]

12. While searching, which of the following technique(s) do you use mainly?
   (a) Boolean operators (AND, OR & NOT) [ ]
   (b) Field search (author, title & volume, etc.) [ ]
   (c) Limiter (subject, language & year, etc.) [ ]
   (d) Phrase search (“ “, { }) [ ]
   (e) Proximity search (NEAR, ~, Within) [ ]
13. Which text format do you prefer most for downloading documents from online databases?
   (a) HTML [ ]
   (b) PDF [ ]

14. If, documents are available in both print and online form. Which one would you prefer?
   (a) Print form [ ]
   (b) Online form [ ]

**FEATURES**

15. Features of the online database you find effective and useful in getting the information.

<table>
<thead>
<tr>
<th>Features</th>
<th>Very useful</th>
<th>Useful</th>
<th>Not sure</th>
<th>Somewhat Useful</th>
<th>Not useful</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customization</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Search options</td>
<td></td>
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<tr>
<td>Browsing options</td>
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<tr>
<td>Refinement options</td>
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<tr>
<td>Quick access/Links</td>
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<tr>
<td>Formats of downloaded data</td>
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<tr>
<td>RSS/E-mail</td>
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<tr>
<td>Follow on/sharing with social networks</td>
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<tr>
<td>News/Updates</td>
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<tr>
<td>Help &amp; support</td>
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</table>

16. Your opinion about customization provided by most of the databases accessible through your library.

<table>
<thead>
<tr>
<th>Customization</th>
<th>Very Good</th>
<th>Good</th>
<th>Neutral</th>
<th>Fair</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alerts/Search, TOC, citations alerts</td>
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<tr>
<td>Favourite Journals/Books</td>
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<tr>
<td>Marked list</td>
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<tr>
<td>Profile/Preferences</td>
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<tr>
<td>ResearcherID</td>
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<tr>
<td>Create Quick links</td>
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<td>Save search /search History</td>
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<tr>
<td>Remote Access/Mobile Access</td>
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</table>

**IMPACT**

17. Are the accessible online databases having any impact on your study/work?
   (a) Yes [ ]
   (b) No [ ]

18. What is the impact of using databases on your study /work? (Select all that apply)
   (b) Expedite the research process [ ]
   (c) Improve professional/academic productivity [ ]
   (d) Acquire more authentic and reliable information [ ]
   (e) Access to a current and up-to-date information [ ]
   (f) Access to a wider range of information [ ]
   (g) Easier and faster access to information of interest. [ ]

**PROBLEMS AND SATISFACTION**

19. Factor(s) that discourages access to online database services?
   (a) Inadequate Collection of databases [ ]
   (b) Limited Terminals [ ]
   (c) Lack of awareness about e-resources [ ]
   (d) More interest in print sources [ ]
   (e) Insufficient time/ library timings [ ]
   (f) Lack of Training/Orientation [ ]
   (g) Lack of IT skills/ expertise [ ]
   (h) No off campus access allowed [ ]
   (i) Lack of online help/Tutorial [ ]
20. What problems do you face in using online databases accessible through the library? (Select all that apply)
   (a) Retrieval problems (Irrelevant retrieval) [ ]
   (b) Language barriers [ ]
   (c) Limited downloading [ ]
   (c) Technical problems [ ]
   (d) Networking Problems (Connectivity) [ ]
   (e) Non supportive library staff [ ]

21. Do you find available online databases are sufficient enough in catering to the information needs?
   (a) Strongly agree [ ]
   (b) Agree [ ]
   (c) Neutral [ ]
   (d) Disagree [ ]
   (e) Very dissatisfied [ ]

22. How satisfied are you with the databases available in your library?
   (a) Highly satisfied [ ]
   (b) Satisfied [ ]
   (c) Neither satisfied/nor dissatisfied [ ]
   (d) Dissatisfied [ ]
   (e) Very dissatisfied [ ]

23. How efficient is the library staff in providing help regarding the use of online databases?
   (a) Very efficient [ ]
   (b) Efficient [ ]
   (c) Not sure [ ]
   (d) Inefficient [ ]
   (e) Very inefficient [ ]

LIBRARY FACILITIES & SUPPORT

24. What facilities are provided by the library for proper utilization of online databases?
   (a) 24x7 accessibility(through Wi-Fi) [ ]
   (b) Computer [ ]
   (c) Adequate number of terminals [ ]
   (d) Supporting devices (A/V devices, scanner, etc.) [ ]
   (e) Help & Support [ ]

25. Do you get any help/instructions from library staff in using the databases?
   (a) Yes [ ]
   (b) No [ ]

26. What kind of support in the use of online databases is provided by the library?
   (a) Information Literacy Programmes [ ]
   (b) Online tutorial [ ]
   (c) Personal help by library staff [ ]

27. Please give your valuable suggestions to improve the online database services in your Library.
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   Thank you
APPENDIX III

PROFILE OF THE LIBRARIES UNDER STUDY

The present study has been conducted on the use of Online Databases in the faculties of Social sciences and Arts in Central Universities of Delhi and UP. This chapter provides an overview of the central university libraries under study, i.e., Central Library, University of Delhi (DU), Delhi; Central Library, Jawaharlal Nehru University (JNU), Delhi; Maulana Azad Library, Aligarh Muslim University (AMU), Aligarh; Central Library, Banaras Hindu University, BHU, Varanasi. It provides brief overview of history of these libraries, total collection, total number of Online Databases and various services of the libraries under study.

1. UNIVERSITY OF DELHI (DU)

1.1. About the University

The University of Delhi (DU) is amongst the top and oldest Central Universities of India and is known for its high standards in teaching and research and attracts eminent scholars to its faculty. It was founded in 1922 as a unitary, teaching and residential university by an Act of the Central Legislative Assembly. Ever since its inception, a strong commitment to excellence in teaching and research has made the University of Delhi a role-model and path-setter for other universities in the country. Its rich academic tradition has always attracted the most talented students who later on go on to make important contributions to their society. The President of India is the Visitor, the Vice President is the Chancellor and the Chief Justice of the Supreme Court of India is the Pro-Chancellor of the University. Now, the University has grown into one of the largest universities in India. At present, there are 16 faculties, 86 academic departments, 77 colleges and 5 other recognised institutes spread all over the city, with 132435 regular students and 261169 students in non-formal education programme (University of Delhi, 2015).

1.2. Delhi University Library System

The Delhi University Library system began 1922, at the time of beginning it had only 1380 gift books in its collection. During the first decade of its existence it functioned from shifting locales. In 1933 it managed to get a relatively stable space, viz. the ‘Dance Hall’ of the Old Vice regal Lodge (the present office of the Vice-
Chancellor). In December 01, 1958, it was moved to its present locale in the heart of the Campus (University of Delhi, 2015).

With its regular expansion and outgrowth in the number of libraries, the concept of the Delhi University Library System (DULS) had emerged to cater to the needs of its users. Now it holds the functioning of more than 37 libraries under its system and continuously working towards accomplish the task of reaching to wider academic community (Delhi University Library System, 2012).

According to Shrimali (n.d.), The DULS is largely funded by the University Grants Commission. Occasionally, a few libraries have also received some endowment funds through the Government of India, donations from individuals or private trusts. In addition to taking care of the requirements of nearly 30,000 postgraduate students, the System is also catering to the research needs of nearly 7000 teachers and over 5000 research scholars (working for their M.Phil/ Ph.D. Degrees) belonging to over 40 departments.

Further, many libraries of the DULS have also been serving hundreds of bonafide research scholars from different parts of India and abroad. Presently, the Delhi University Library System (DULS) comprises of 37 libraries in its system and it includes the following major libraries:

- Central Library
- Arts Library
- Central Science Library
- East Asian Studies Library
- FMS Library
- Law Library
- Ratan Tata Library
- South Campus Library
- Braille Library (On DU Intranet)

1.2.1. Library Staff

At present, Central Library of DU has of:

Librarian, 01
Deputy Librarians 05
Assistant Librarians 04

1.2.2. Library Collections

Central Library subscribes to a large number of print and electronic resources, which is as follows:

(i) Print Collection

The print collection of Delhi University Library System comprises of the following (as on June 30th 2015)
APPENDIX III

Books 14,50,000 volumes
Current Journals 1480 Journals
Bound Journals 3,66,000 bound volumes
Ph.D. Thesis 14,500 volumes
M.Phil Dissertations 5,600 volumes
Manuscripts 700 manuscripts
CD ROM 2,000 CDs

The Library System added 21,195 volumes of books/periodicals to its collection and 05 books were written off. The total collection as on 31-03-2015 is 16,13,465 volumes. It had 1,353 periodicals on its current list of subscriptions (University of Delhi, 2015a).

(ii) **Electronic Resources**

Delhi University Library System subscribes to a large number of e-resources including e-books, e-journal and online 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. DU is a member of UGC-INFONET Digital Library Consortium. Through UGC-INFONET Digital Library -Consortium, DU provides publisher wise full text e-journals as well as bibliographic databases to their users' community. Importantly, open access e-resources are regularly listed on the DULS website for access. Detail list of full text e-journals and database along with their URL address is available at library's website. (University of Delhi, 2015b).

*Online Databases*

The DULS continued to strengthen the accessibility of electronic resources to the users. There are a number of online databases in different subjects and disciplines that are available to the user community of the University electronic databases in different subjects and disciplines that are available to the user community of the University.

(a) **Online Databases subscribed by DU**

It subscribes 56 high quality electronic databases being made available through campus network to teachers, students and research scholars (University of Delhi, 2015b)

1) ABI/INFORM Complete
2) Business Source Premier
3) Academic Search Premier
4) Capitalism, Nature, Socialism
5) ACM
6) Capitalline Plus
7) American Geophysical Union Journal
<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Chicago Manual of Style</td>
</tr>
<tr>
<td>9</td>
<td>American Phytopathological Society</td>
</tr>
<tr>
<td>10</td>
<td>China Core Newspaper</td>
</tr>
<tr>
<td>11</td>
<td>American Society for Microbiologist</td>
</tr>
<tr>
<td>12</td>
<td>CLA Plus</td>
</tr>
<tr>
<td>13</td>
<td>Anthrosource</td>
</tr>
<tr>
<td>14</td>
<td>Credo (Formerly Xreferplus)</td>
</tr>
<tr>
<td>15</td>
<td>Benthan Science E Collection (Organic + Biotechnology)</td>
</tr>
<tr>
<td>16</td>
<td>Early English Books Online</td>
</tr>
<tr>
<td>17</td>
<td>Ecolit (Abstract Database)</td>
</tr>
<tr>
<td>18</td>
<td>British Parliamentary Papers</td>
</tr>
<tr>
<td>19</td>
<td>eJurix</td>
</tr>
<tr>
<td>20</td>
<td>Emerlad Management Extra</td>
</tr>
<tr>
<td>21</td>
<td>New York Review of Book</td>
</tr>
<tr>
<td>22</td>
<td>Encyclopedia Britannica</td>
</tr>
<tr>
<td>23</td>
<td>Omnifile Full Text</td>
</tr>
<tr>
<td>24</td>
<td>Encyclopedia of Cyber</td>
</tr>
<tr>
<td>25</td>
<td>Oxford Dictionary of National</td>
</tr>
<tr>
<td>26</td>
<td>Encyclopedia of Islam Biography online &amp; Grove Art Online</td>
</tr>
<tr>
<td>27</td>
<td>Encyclopedia of Law Enforcement</td>
</tr>
<tr>
<td>28</td>
<td>Palgrave Dictionary of Economics</td>
</tr>
<tr>
<td>29</td>
<td>Environment and History</td>
</tr>
<tr>
<td>30</td>
<td>Sage Online</td>
</tr>
<tr>
<td>31</td>
<td>Geoscience World</td>
</tr>
<tr>
<td>32</td>
<td>SCC Online</td>
</tr>
<tr>
<td>33</td>
<td>Humanities International Complete</td>
</tr>
<tr>
<td>34</td>
<td>Science Direct</td>
</tr>
<tr>
<td>35</td>
<td>IEL Online</td>
</tr>
<tr>
<td>36</td>
<td>Science Magazine</td>
</tr>
<tr>
<td>37</td>
<td>Indianjournals.com</td>
</tr>
<tr>
<td>38</td>
<td>Scifinder Scholars</td>
</tr>
<tr>
<td>39</td>
<td>Indiastat</td>
</tr>
<tr>
<td>40</td>
<td>Scopus</td>
</tr>
<tr>
<td>41</td>
<td>ISI Emerging Markets (CEIC-ASIA)</td>
</tr>
<tr>
<td>42</td>
<td>Soc Index with Fulltext</td>
</tr>
<tr>
<td>43</td>
<td>Statesmen's Yearbook</td>
</tr>
<tr>
<td>44</td>
<td>JGR (American Geophysical Union)</td>
</tr>
<tr>
<td>45</td>
<td>UMI Database</td>
</tr>
<tr>
<td>46</td>
<td>Kissing's World News</td>
</tr>
<tr>
<td>47</td>
<td>Westlaw India</td>
</tr>
<tr>
<td>48</td>
<td>Legalpundits</td>
</tr>
<tr>
<td>49</td>
<td>World Development Indicators</td>
</tr>
<tr>
<td>50</td>
<td>Lexis Nexis</td>
</tr>
<tr>
<td>51</td>
<td>World Intellectual Property Search</td>
</tr>
<tr>
<td>52</td>
<td>LISA</td>
</tr>
<tr>
<td>53</td>
<td>WTO e-library</td>
</tr>
<tr>
<td>54</td>
<td>LNCS</td>
</tr>
<tr>
<td>55</td>
<td>Manupatra</td>
</tr>
<tr>
<td>56</td>
<td>Nature Publishing</td>
</tr>
</tbody>
</table>
(b) Online Databases available through INFLIBNET

In addition to this 23 more databases are also accessible through UGC-INFONET Digital Library Consortium (UGC-INFONET Consortium usage statistics)

1) American Chemical Society 12) Nature
2) American Institute of Physics 13) Oxford University Press
3) American Physical Society 14) Portland Press
4) Annual Reviews 15) Project Euclid
5) Cambridge University Press 16) Project Muse
6) Elsevier 17) Royal Society of Chemistry
7) Emerald 18) SciFinder
8) Institute of Physics 19) SIAM
9) JCCC 20) SPRINGER Link
10) J-STOR 21) Taylor & Francis
23) Web of Science

(iii) Audio Book Resources and Braille Library

The Braille Library is actively engaged in supporting teaching, learning and research for the visually impaired students and faculty members. It has 3 audio book production studios, 2 high capacity Braille embossers, network of 16 latest computers. There are 1,607 audio books, 1,707 Braille books, 1,566 e-text, etc. The entire collection of audio books and e-text has been made available online on DUCC IP range in last academic year and is accessible via ID and password at http/bl.du.ac.in.

The library is regularly used by visually impaired students enrolled in the University. Presently 176 members are enrolled in the library. Besides 4,114 hits on its website for downloading accessible materials, it has circulated 3,713 books on CDs (University of Delhi, 2015b).

1.2.3. Online User Services

The central library of Delhi is providing the following services (Annual Report, 2015).

(i) DULS—Website

DULS-Website which includes the catalogue of selected libraries(OPAC); a provision of e referencing, A-Z list of E-journals, Online Information Literacy Tutorial, Subject Portal, Ask your Librarian, access to electronic resources including open access resources and several other user friendly features, is in operation.
(ii) Digital Library

The Library has digitized 14386 books out of copyright zone available in DULS and have been placed on the web for global internet accessibility using the Open Source Content Management System, namely, ‘Dspace’. Available at: http://library.du.ac.in/dspace.

(iii) Information Literacy Programme

DULS has initiated and regularly conducting Information Literacy Program since 2006. And organized a total of 120 Information Literacy programs in various departments and colleges of University of Delhi including 92 E-Resource Orientation programs, 15 Hands on Training Sessions, 13 One Day Workshops for Research Scholars in Social Sciences. To promote Information Literacy, DULS is regularly conducting the various programs.

(v) Knimbus

DULS with technical collaboration with Global Information Systems Technologies Pvt. Ltd. had come out with an Open Source Federated Search solution called GISTFIND. It has been replaced by more improvised Open Source Federated Search solution called Knimbus. It is available at http://crl.du.ac.in/Knimbus.htm.

(vi) Searchable A-Z List of E-Journals

The work of compiling A-Z list of 43,209 e-journals has been completed and a ‘Beta version of searchable list on the SQL’ platform has been made available on DULS Website. It can be accessed at http://crl.du.ac.in/atozn. It is being updated on regular basis

1.2.4. Other Services and Facilities

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

(i) Lending Services

Central Library makes facilitate to the user to get issue, books, CDs and back issues of the Magazines.

(ii) Inter Library Loan

The library has provision for inter library loan with other libraries both within the cities and outside.

(iii) Bibliographic Services:

Central Library provides the different type of Bibliographic Services. Central Library makes available the online bibliography of doctoral theses with abstract and M. Phil dissertations awarded by the University of Delhi.
(iv) Photocopying Services

Central Library provides the photocopying services but copyright regulations must be observed at all times.

(v) Online Services

Central Library provides various online services to cater the information needs of different user categories. The online services are OPAC, Digital Collection, Subscribed E-resources, Public Domain E-Resources, Chicago Manual of Citation Online, DELNET E-referencing, Information Literacy online tutorial, subject portal and Open access e-resources, etc.

(vi) 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.

(vii) Manpower Development and Training

Central organizes provide 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.

2. JAWAHARLAL NEHRU UNIVERSITY

2.1. About the University

Jawaharlal Nehru University (JNU), Delhi was established in 1969. It is one of the most prestigious universities across the country. JNU is basically a research oriented university. Instead of colleges, JNU offers undergraduate, postgraduate, MPhil and research courses through various schools and centres of the university, which makes JNU different from other universities in the country. It is identified and is concentrating upon some major academic programs, which are of relevance to national progress and development.

The JNU campus is a microcosm of the Indian nation, drawing students from every nook and corner of the country and from every group and stratum of society. Overseas students form some 10 percent of the annual intake. Students’ hostels and blocks of faculty residences are interspersed with one another, underlining the vision of a large Indian family. The objective of the university has been to promote research and teaching leading to the increasing engagement of its students and teachers in
higher level academic work and national and international policy making.

2.2. Central Library of JNU

The Central Library, JNU is one of the most modern and well equipped university libraries holding the place of pride in the country. 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. All the Reading Halls are air-conditioned. Entire library is connected through LAN & WI-FI. All the Schools, Centres and Offices of the University are connected to Library through INTRANET.

It was established in 1969 and now it is situated in the center of the academic compound of the University. It comprises the library of the prestigious Indian School of International Studies, which was later merged with Jawaharlal Nehru University. The JNU Library is a depository for all Government publications and publications of some chief International organisations, like European Union, United Nations, WHO and its related agencies, etc.

2.2.1. Library Staff (Annual Report, 2013-2014)

<table>
<thead>
<tr>
<th>Role</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Librarian</td>
<td>1</td>
</tr>
<tr>
<td>Deputy Librarian</td>
<td>3</td>
</tr>
<tr>
<td>Assistant Librarians</td>
<td>12</td>
</tr>
<tr>
<td>Professional Assistants</td>
<td>24</td>
</tr>
<tr>
<td>Semi Professional Assistant</td>
<td>20</td>
</tr>
<tr>
<td>Library Attendant</td>
<td>26</td>
</tr>
</tbody>
</table>

2.2.2. Membership (Annual Report, 2013-2014)

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD</td>
<td>864</td>
</tr>
<tr>
<td>Postgraduates</td>
<td>860</td>
</tr>
<tr>
<td>undergraduates</td>
<td>386</td>
</tr>
</tbody>
</table>

2.2.3. Library Collections (Annual Report, 2013-2014)

The collection of JNU Library comprises of the following (as on Annual report, 2014):

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>3.5 lakh (approx)</td>
</tr>
<tr>
<td>e-books</td>
<td>1 lakh</td>
</tr>
<tr>
<td>Print Journals</td>
<td>314</td>
</tr>
<tr>
<td>Print plus online Journals</td>
<td>94</td>
</tr>
</tbody>
</table>
Online Journals 597
Online Databases 40
Newspaper 20

2.2.4. Electronic Collection

Subscription to Periodicals and Electronic Databases

Library subscribed to 850+ print journals and 38 online databases. Besides, Library also got access to 22 databases under UGC INFONET consortium (Annual Report, 2013-2014)

(a) Online Databases subscribed by JNU

It subscribes 38 high quality electronic databases being made available through campus network (Jawaharlal Nehru University, 2014)

1) ACM Digital Library (Association for Computing Machinery)
2) American Society for Microbiology (ASM)
3) ARTSTOR Digital Library
4) CEIC Macroeconomic Database
5) China National Knowledge Infrastructure (CNKI)
6) EBSCO Research Database
7) Ebsco International Bibliography of Theatre & Dance with Full Text
8) Ebsco International Security & Counter Terrorism Reference Center
9) Ebsco ScoINDEX with Full Text
10) Economic Outlook
11) Hein Online Database
12) Henry Stewart Talks
13) IEEE Xplore Digital Library
14) Inderscience Online Journals
15) Indian Citation Index
16) Indiastat.com
17) INTEGRUM
18) Journal Citation Reports
19) Lexis Nexis
20) Manupatra: Nature Research Journals
21) Newspaper Direct – Library Press Display
22) Proceedings of the National Academy of Science USA
23) ProQuest – Digital National Security Archive (DNSA)
24) ProQuest – Dissertation and Theses Global
25) ProQuest Academic Research Library
26) PROQUEST- Literature Online with MLA
27) Prowess
28) SAGE Humanities and Social Science (HSS) Package
29) Science Direct- Subject Collection
30) Science Magazines: American Association for the Advancement of Science – Science Express
31) Science Online
32) Science Signaling
33) SciFinder Substructure Module (SSM)
34) World Bank E-Library
35) Yearbook of International Organizations
36) BBC Monitoring Online Database was started on IP instead of password based
37) Cambridge Crystallographic Data Centre (CCDC)
38) Emerald Insight online 171 Journals package was subscribed instead of print journals from Emerald
39) English Historical Documents Online
40) Foreign Broadcast information services Daily report (FBIS)
41) ProQuest Historical Newspapers Times of India Archive (1838-2004)
43) ProQuest Historical Newspapers: The Wall Street Journal (1889-1996); South Asia Archive
44) TAIR- The Arabidopsis Information Resource

(B) Online Databases available through INFLIBNET

In addition to this 22 more databases are also accessible through UGC-INFONET Digital Library Consortium (Annual Report, 2014).

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>American Chemical Society</td>
</tr>
<tr>
<td>2</td>
<td>American Institute of Physics</td>
</tr>
<tr>
<td>3</td>
<td>American Physical Society</td>
</tr>
<tr>
<td>4</td>
<td>Annual Reviews</td>
</tr>
<tr>
<td>5</td>
<td>Cambridge University Press</td>
</tr>
<tr>
<td>6</td>
<td>Elsevier</td>
</tr>
<tr>
<td>7</td>
<td>Economic and Political Weekly (EPW)</td>
</tr>
<tr>
<td>8</td>
<td>Institute of Physics</td>
</tr>
<tr>
<td>9</td>
<td>JCCC</td>
</tr>
<tr>
<td>10</td>
<td>J-STOR</td>
</tr>
<tr>
<td>11</td>
<td>MathSciNet</td>
</tr>
<tr>
<td>12</td>
<td>Nature</td>
</tr>
<tr>
<td>13</td>
<td>Oxford University Press</td>
</tr>
<tr>
<td>14</td>
<td>Portland Press</td>
</tr>
<tr>
<td>15</td>
<td>Project Euclid</td>
</tr>
<tr>
<td>16</td>
<td>Project Muse</td>
</tr>
<tr>
<td>17</td>
<td>Royal Society of Chemistry</td>
</tr>
<tr>
<td>18</td>
<td>SIAM</td>
</tr>
<tr>
<td>19</td>
<td>SPRINGER Link</td>
</tr>
<tr>
<td>20</td>
<td>Taylor &amp; Francis</td>
</tr>
<tr>
<td>21</td>
<td>Wiley</td>
</tr>
<tr>
<td>22</td>
<td>Web of Science</td>
</tr>
</tbody>
</table>

2.2.5. Retrospective Cataloguing Central Library Collections

Cataloguing of Central Library collection mainly language collections started in 2012. The work is to be completed by 2014. The cataloguing of about 67,877 books
as per details given below have been done during the year (Jawaharlal Nehru University, 2015).

<table>
<thead>
<tr>
<th>Collection</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government Document Collection</td>
<td>12652</td>
</tr>
<tr>
<td>Russian Language Collection</td>
<td>23850</td>
</tr>
<tr>
<td>Thesis and dissertation</td>
<td>4850</td>
</tr>
<tr>
<td>Afro Asian Language (Japanese, Chinese, etc.)</td>
<td>11540</td>
</tr>
<tr>
<td>European Language collection</td>
<td>4943</td>
</tr>
<tr>
<td>Science Collection</td>
<td>6142</td>
</tr>
<tr>
<td>Social Science Collection (Text Books)</td>
<td>4500</td>
</tr>
</tbody>
</table>

**2.2.6. Institutional Repository**

The following work was undertaken for the creation of Institution Repository during the year (Jawaharlal Nehru University, 2015):

<table>
<thead>
<tr>
<th>Action</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total No. of Theses Digitized</td>
<td>6000</td>
</tr>
<tr>
<td>Total No. of Dissertation Digitized</td>
<td>12000</td>
</tr>
<tr>
<td>Digital Format Received from Company in PDF A</td>
<td>17,000</td>
</tr>
<tr>
<td>Digital Copies Received in CD format</td>
<td>800</td>
</tr>
<tr>
<td>Total Theses and Dissertation Uploaded</td>
<td>18,000</td>
</tr>
<tr>
<td>Cataloguing and Classification of Theses and Dissertation</td>
<td>800</td>
</tr>
<tr>
<td>Converted into PDF A Format</td>
<td>800</td>
</tr>
<tr>
<td>Accessioning of Theses &amp; Dissertation</td>
<td>2000</td>
</tr>
<tr>
<td>Linking of e-Theses and Dissertation</td>
<td>18,000</td>
</tr>
<tr>
<td>Bibliographic records created under</td>
<td></td>
</tr>
<tr>
<td>Retro conversation of Theses &amp; Dissertation</td>
<td>4,000</td>
</tr>
</tbody>
</table>

**2.2.7. Library Services**

a) **General**

(i) Reference service is provided for each collection at the respective floor,

(ii) Membership and Issue-Return services are centralized at the Ground floor,

(iii) Textbooks on all disciplines are centralized and kept at the Textbook Section.

Book Bank facility for MA students is also being provided from the Textbook Section.

(iv) Document Delivery Services and Inter-Library Loan facilities are available at the Cyber Library Counter.
(v) Articles from Social Science Periodicals are indexed at Documentation Unit and online search is available through OPAC.

(vi) Card Catalogues of different collections are available on respective floors.

b) Special Services

(i) Cyber Library

The Cyber library is located at the ground floor with 200 computers for the students and research scholars to access online resources. This is a recognized facility for the JNU bona fide students of the university to access the subscribed online journals, e-books and other digitized resources of the Library.

(ii) Central Library, JNU opens 24X7

Central Library, JNU meets a long time demand of the students for round the clock services by extending its hours of operation. The Vice-chancellor, Prof. Sudhir K. Sopory, while inaugurating the newly renovated reading hall on the ground floor of the Central Library, announced that the reading hall facility will henceforth be available for 24 hours, commencing from 3 February, 2014.

(iii) Digital Library System and Services

The Library is using Virtua, Integrated Library Management Software (VTLS) for housekeeping jobs in different sections. The integrated Library Management Software was upgraded to its higher version and the (OPAC) Online Public Access Catalogue is now on Chamo.

(iv) Remote Access

All e-resources of the Central Library, JNU including library catalogue can be accessed anytime from anywhere by using remote access server http://ezproxy.jnu.ac.in/login. The link is available at JNU Home Page as well as Central Library, JNU Home Page. To log on to this remote access server, user needs JNU email ID.

(v) Single Window Search

At present Central Library, JNU has provided single window access system to all e-resources available at Central Library, JNU such as all subscribed databases, Library catalogue, institutional repository etc. as a trial access through the following discovery services

- EDS (EBSCO Discovery Service)
- SUMMON (PROQUEST)
(vi) **Open Access to JNU ETDs**

Central Library JNU provided 5050 electronic theses and dissertations to INFLIBNET Centre for uploading on Shodhganga. JNU has provided largest number of e-thesis for uploading on Shodhganga.

(vii) **Helen Keller Unit**

In order to meet the needs of the visually impaired students of the university, a special unit named after Helen Keller has been established. Twenty four computers have been installed exclusively for visually challenged students to access OPAC and online resources. Laptops have been provided to all visually challenged M.Phil./Ph.D. students.

(viii) **Newspaper Clippings:**

JNU library provides the database of about 8 lacs news clippings which can be accessed through JNU Library OPAC. These news clippings are from 21 newspapers in 72 subjects from 1974 onwards.

(ix) **DELNET**

The Central library of JNU is a member of DELNET.

**Other Services**

(i) **Tracing File:** Information about untraced books must be recorded in the tracing files kept on different floors of the Library,

(ii) **Dissertations and Theses:** Metadata of theses and dissertation is available through OPAC.

(iii) **Xerox Facility:** Managed by a private operator, this facility is available in the library on payment basis,

(iv) **Tape Recorders and Audio Cassettes Library** provides these facilities to Blind students,

(v) **Lockers:** Library provides lockers facility to the Research Scholars & Faculty Members, on request,

(vi) **General Reading Hall:** This 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.

2.2.8. **Participation in Consortia**

JNU library is a member of UGC-INFONET Digital Library Consortium which provides three bibliographic databases and about 20 full text databases to their registered users. JNU library facilities their academic community by providing 200
terminals (which is seven to ten time more in comparison to other select libraries) for retrieving and accessing their desired peer reviewed scholarly articles for their research purposes. Major publisher wise full text databases and bibliographic databases are given in Appendix-III. Publisher wise usage statistics is also listed in appendix-IV which reveals that e-journals from J-STOR is most used by JNU clienteles.

2.2.9. Library Staff

At present Central Library of JNU has 135 professional staffs, i.e., 01 Librarian, 03 Deputy Librarians, 13 Assistant Librarians, 26 Professional Assistant, 29 Semi-Professional Assistants, 20 Library Attendants, etc. (http://www.jnu.ac.in/Library/default.htm).

3. ALIGARH MUSLIM UNIVERSITY, ALIGARH

3.1. About the University

Aligarh Muslim University (A.M.U) is a premier central university in India. In the 19th century, Sir Syed Ahmad Khan created a modern educational institution that first as M. A.O. College and then since 1920 as Aligarh Muslim University, which has been the path breaker in bringing Muslim to modern scientific fields and education. Sir Syed deemed it necessary to make some special arrangement for their education. Aligarh's "culture of decency" has a compelling appeal. Now, it ranked second amongst the top ten universities of India.

3.2. Maulana Azad Library

Maulana Azad Library is one of the largest University Library of Asia. The foundation of the Library was laid in 1875 when Sir Syed Ahmad Khan, a great social reformer of his time. Lord Lytton laid the foundation stone of the Library. The Library was originally named as Lytton Library. In 1960 was inaugurated by Late Pandit Jawaharlal Nehru, Prime Minister of India and was named as Maulana Azad Library. The present grand seven storied building surrounded by 4.5 acres of land.

The Oriental Division of Maulana Azad Library comprising of about two lakh printed books and periodicals including 10,000 items belonging to rare category in Urdu/Persian/Arabic/Hindi and Sanskrit forms the most significant part of the collection. One of the most priced collections of the library is its collection of about 16000 rare manuscripts (Aligarh Muslim University, 2015).
3.2.1 **Library Hours**

The Library remains open for 18 hours a day on all days except a few national & religious holidays. During the examination period, the opening hours are further extended. The Library is used extensively by students, research scholars, faculty members and visiting scholars from within the country and abroad.

3.2.2 **Library Staff**

<table>
<thead>
<tr>
<th>Position</th>
<th>Count</th>
</tr>
</thead>
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<tr>
<td>Librarian</td>
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<tr>
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<tr>
<td>Assistant Librarians</td>
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</tr>
<tr>
<td>Information Scientists</td>
<td>1</td>
</tr>
<tr>
<td>Semi Professional Assistant</td>
<td>20</td>
</tr>
<tr>
<td>Library Attendant</td>
<td>26</td>
</tr>
</tbody>
</table>

3.2.3 **Collection**

The Library collections comprise of about 18,00,000 documents including books, periodicals, newspapers, theses, dissertations, reports, pamphlets, manuscripts, paintings, photographs, CDs, microfilms, databases, e-books, talking books etc. There are about 15,000 theses and dissertations forming perhaps the largest collection of such documents in the Country. Besides hard copy collections of about 13,00,000 books, about 1,20,000 e-books and 3,00,000 full text theses are available online. In fact, the Library performs the functions of a reference library so far as the books and manuscripts in oriental languages are concerned (Aligarh Muslim University, 2015).

**E-Books**

Elsevier / Science Direct e-Books (subscribed)

(i) **E-Books (subscribed) for Social Science Digital Library**

a. Cambridge University Press
b. Taylor & Francis

(ii) **E-Journals and Electronic Databases**

Presently about 60,000 current journals are accessible after addition of 43,000+ e-journals to the e-resources of the Library which are accessible on Campus wide Network of the University.

a. **Online Databases available through INFLIBNET**

In MAL, 23 more databases are accessible through UGC-INFONET digital library consortium (University Grants Commission, 2012).
1) American Chemical Society; 13) Oxford University Press
2) American Institute of Physics; 14) Portland Press
3) American Physical Society; 15) Project Euclid
4) Annual Reviews; 16) Project Muse
5) Cambridge University Press 17) Royal Society of Chemistry
6) Elsevier 18) SciFinder
7) Emerald 19) SIAM
8) Institute of Physics 20) SPRINGER Link
9) JCCC 21) Taylor & Francis
10) J-STOR 22) Wiley
11) MathSciNet 23) Web of Science
12) Nature

b. Open Access Library (OALib) database
Access to over 2,000,000 full text indexed papers is available through Open Access Library (OALib) database which covers research topics relating to almost all academic disciplines, including mathematics, physics, chemistry, engineering, biology, material science, medical science, social sciences, and humanities.

c. J-Gate Database (subscribed)
d. DELNET (subscribed)
e. IndiaStat (subscribed)
Published by Datanet India Pvt. Ltd., New Delhi is available for access. It comprises ready to use socio-economic information about India and its states and provides over half-a-million pages of statistical data classified in more than 35 categories and sub-categories (Aligarh Muslim University, 2015).
f. Databases (subscribed)
ProQuest Dissertations & Theses Full Text (15.10.2014 - 14.10.2015)
Scopus: Citation, Abstracting & Indexing Services (01.12.2014 - 30.11.2015)

3.2.4. Library Services
(A) General Services
The Library provides a wide range of services to its users including retrieval of information, orientation, assistance in locating/searching of documents, advisory services, current awareness service (CAS), bibliographic service, bibliographic instructions, inter library loan, organization of exhibitions, press clipping,
reprographic service, print facility etc.

(i) Manuscripts

It is a World famous repository of rare manuscripts and books in Urdu, Persian and Arabic languages. One of the most priced part of the Library is its Manuscripts Division which possess about 16000 rare and invaluable manuscripts including several royal decrees of Mughal emperors namely Babur, Akbar, Shahjahan, Aurangzeb, Shah Alam etc. and also the translation of Sanskrit works in Persian, such as BhagwadGeeta, Mahabharat and Leelawati. The Mughal emperor Aurangzeb’s sword and the coins of Mughal period are also preserved in this Division.

(ii) Braille Section

One of the special features of Maulana Azad Library is its service to the visually impaired students through Braille Section. Apart from the books in Braille script, a large number of documents and devices in electronic format are also available in this section which is provided to the students. Angel Pro, a mobile like apparatus along with memory chips of 32 GB for recording the classroom lectures and listening to the already recorded books are issued to all the students for the entire duration of the course.

(iii) Central Hall

In the central hall of the Library at the entrance are displayed 'new arrivals'; 'university staff publications'; 'must read' books and 'founders library collection' in respective showcases.

(iv) Reading Halls

There are six large size reading halls apart from eight small reading rooms with a seating capacity of about 1350 students at present which will be extended to 1500 seats in near future.

(v) Newspapers Reading Area

Almost all current newspapers and magazines of English, Urdu and Hindi are available in the Library. Back files of some reputed newspapers are also being preserved and maintained.

(B) Digital Services

(i) FedGate

A single window search software to retrieve the desired information out of all the subscribed e-Resources is available.
(ii) **Online Journal Lab**

The Access to 60,000+ current peer reviewed journals, 11 bibliographical databases and 55 subject gateways is available through the Campus wide Network of the University. These resources can also be accessed by Faculty Members and Research Scholars in the Online Journals Lab of Maulana Azad Library.

(iii) **Digital Resources Centre**

CDs of lectures of IITians, Medical tutorials, reference documents, over three lac Ph.D. theses, one lac e-books and over one lakh of e-books in English and thousands of rare printed books of Maulana Azad Library in oriental languages also are accessible in the Digital Resources Centre.

(iv) **OPAC**

OPAC (Online Public Access Catalogue) is now being accessed by large number of readers and the digital resources are accessible in Digital Resource Centre. Several systems providing search facility for library materials through OPAC and traditional catalogues are available in the Central Hall.

(v) **Automation**

Maulana Azad Library has introduced state of the art information technology and it is fully automated with LibSys 7.0 software which connects almost all 9,500 computers within the University as well as the centers in distant states.

(vi) **Links for Free Resources (available on public domain)**

(vii) **Links for Free Resources in Medical Science**

(viii) **Resources available in Oriental Languages**

a. Marfat Library

(ix) **Subject Information Gateways (available on public domain)**

a. Browse by Subject

b. Browse by Title

4. **BANARAS HINDU UNIVERSITY**

4.1. **About the University**

Banaras Hindu University ranks among the first few in the country in the field of academic and research output. BHU has two campuses, 3 institutes, 16 faculties, 140 departments, 4 advanced centers and 4 interdisciplinary schools. The University is making its mark at the national and international levels. BHU today has nearly from 34 nations. Banaras Hindu University is an internationally reputed temple of learning, situated in the holy city of Varanasi. This Creative and innovative
university was founded by the great nationalist leader, Pandit Madan Mohan Malviya, in 1916 with cooperation of great personalities like Dr. Annie Besant. Banaras Hindu University was created under the Parliamentary legislation BHU Act 1915.

4.2. Sayaji Rao Gaekwad Central Library of B.H.U

The Banaras Hindu University Library system is one the largest University Library System in the country, germinated from a small but precious collection donated by Prof. P.K. Telang in 1917. Library was also shifted to the Central Hall of the Arts College (now Faculty of Arts) and then in 1941 to its present majestic building built with the munificent donation from Maharaja Sayajirao Gaekwad of Baroda, on the pattern of the great library British Museum of London on the suggestion of Pandit Madan Mohan Malaviya, the founder of university. In 1931, library grew by leaps and bounds with magnificent donations of personal and family collections from many eminent personalities and families like Lala Sri Ram of Delhi, Jamnalal Bajaj of Wardha, Roormal Goenka, Batuk Nath Sharma, Tagore Family collection, Nehru Family collection, etc. amongst a score of others and purchase of books and journals out of the regular fund with the result that it has a collection of around 60,000 volumes. The trend of donation of personal and family collection to the library continued as late as forties with the result that it has unique pieces of rarities of books and journals dating back to 18th century. With this sound footings and background, the library took long strides during sixties and seventies in its development and metamorphosed in a system of libraries with the establishment of institute, faculty and departmental libraries during the period. Presently, the Banaras Hindu University Library System consists of Central Library at apex and 3 Institute Libraries, 8 Faculty Libraries, 25 Departmental Libraries, with a total collection of over 10,46,064 lakh volumes to serve the students, faculty members, researchers, technical staff of fourteen faculties consisting of 126 subject departments of the university.

4.2.1. Library Hours

Library opens 359 days in a year. It remains open generally for 11 hours in a day. During Sunday/Holidays open hours of library are only for seven hours. SRG Library is highly used library. Being a residential University a large number of students utilise resources of the library.
4.2.2. Library Staff:

At present, Sayajirao Gaekwad Central Library has following sanctioned positions (Banaras Hindu University, 2015):

- Librarian Incharge: 01
- Deputy Librarians: 05
- Assistant Librarians: 12
- Information Scientist: 01
- Professional Assistant: 14
- Semi-Professional Assistants: 34
- Library Attendants: 45

4.2.3. Library Collections

Recognizing the role of library and information services in meeting the requirements of the University's academic and research programmes, the library purchases books and other information resources related to the courses offered by the University. Library has adequate number of information resources to satisfy the information need of library users. Collection: (as on 27.01.2015).

- Books: 9,71,962
- Journals (Bound Vols): 1,41,056
- Current Journal: 455
- Ph.D Theses: 13,476
- Manuscripts: 7,233
- UN & Govt. Publications, Staff Publications, Rare & Out of Print Books, Local History Collection, University & its Founder Collection: 3,632
- Online Journals: 11,879
- Databases: 10
- E-Books: 52,560

(i) Electronic Database and Online Journals:

SRG Library is a part of UGC- INFONET and INDEST Consortia for e-journals subscription. SRG library is having access to about 4000 online journals and databases. It includes publications of American Chemical Society, Royal Society of Chemistry, Nature, Science, Science Direct (Elsvier), Project Muse (Social Science & Humanities), Emerald, Institute of Physics, American. Institute of Physics, American Physical Society (AIP/APS), Cambridge University Press,
Springer, Kluwer online publications, etc. BHU is having access to databases like Chemical Abstracts and Biological Abstracts. The access is available to all users through campus network of BHU.

- **Online Databases available through INFLIBNET**

  In SRG, 18 databases are acquired through UGC-INFONET digital library consortium (University Grants Commission, 2012).

1. American Chemical Society;
2. American Institute of Physics;
3. American Physical Society;
4. Annual Reviews;
5. Cambridge University Press
6. Elsevier
7. Emerald
8. Institute of Physics
9. J-STOR
10. Nature
11. Oxford University Press
12. Portland Press
13. Project Euclid
14. Project Muse
15. Royal Society of Chemistry
16. SIAM
17. SPRINGER Link
18. Wiley

### 4.2.4. Library Services

The Sayaji Rao Gaekwad Central Library BHU categories the services in two types. First, library provides "Inside the Library Study facility" for Research Journals, Books, Ph.D theses, UN and Govt. Publications, Text Books, Reference Books, etc. However, through "outside the Library Study facility", user can be provided lending for home study departmental study.

#### A. General Services

(i) **Reprographic Service:** The Reprographic Section of the Library is equipped with four photocopying machines. Photocopy of periodical articles and parts of books are made available to the readers at a nominal rate.

#### B. Electronic Services

(i) **Information Services:**

Library provides Information Services through DELNET and INFLIBNET

(ii) **Internet Facility**

Internet connectivity with 12 nodes has been provided for the use of teachers, researcher and undergraduate and postgraduate students of the University for browsing of websites and databases, of their interest.
(iii) **Electronic Document Delivery Services**

To fulfill the information needs of the end user through information/document supply library has document delivery service, which is new service initiated by INFLIBNET in collaboration with other six university libraries which are well known for their strong collection base and commitment to provide timely service.

(iv) **Institutional Membership**

Sayajirao Gaekwad Central Library is the member of DELNET and INFLIBNET Programme.

(v) **UN Depository Library for UN Publications**

The Central Library has a Depository Library for publications of the United Nations and its agencies. After the scheme of depositing (free of cost) ceased in 1973, the library continued to obtain U.N. publications by way of depository library subscription scheme and select purchases. This is a unique feature of this library.
REFERENCES