USE OF E-RESOURCES BY CHEMISTS AND PHYSICISTS IN THE UNIVERSITIES OF HARYANA, PUNJAB AND CHANDIGARH: AN ANALYTICAL STUDY

QUESTIONNAIRE FOR LIBRARIAN

1. GENERAL INFORMATION
   1.1 Name of the University: ____________________________________________
   1.2 Establishment Year: ______________________________________________
   1.3 Status: Central/ State/ Autonomous
   1.4 Name of the Library: ______________________________________________
   1.5 Address: _________________________________________________________
   1.6 Year of establishment: ____________________________________________
   1.7 Name of the Librarian: ____________________________________________
       Academic Qualification: _____________________________________________
       Professional Qualification: __________________________________________
       Phone No: _________________________________________________________
       Email: ___________________________________________________________
   1.8 Total No. of personnel working in the Library
       Librarian
       Deputy Librarian
       Assistant Librarian
       Semi Professional Assistant
       Non Professional
       Any Other_____________________

2. PHYSICAL INFRASTRUCTURE
   (i) Total Area of Library Building: :
   (ii) Reading Room: :
(iii) Stack Area : 
(iv) Services Area : 
(v) Area for Administration : 

3. LIBRARY TIMINGS

(i) Working Days : 
(ii) Weekends : 
(iii) Holidays : 

4. CENTRAL LIBRARY PROFILE

4.1 Size of the collection

<table>
<thead>
<tr>
<th>Books (Printed)</th>
<th>E-Books</th>
</tr>
</thead>
<tbody>
<tr>
<td>Periodicals (Print)</td>
<td>E-journals</td>
</tr>
<tr>
<td>Monographs</td>
<td>Slides</td>
</tr>
<tr>
<td>Theses</td>
<td>E-Theses</td>
</tr>
<tr>
<td>Standards</td>
<td>Microfilms</td>
</tr>
<tr>
<td>Patents</td>
<td>DVDs</td>
</tr>
<tr>
<td>CDs</td>
<td>Databases</td>
</tr>
<tr>
<td>Others (Please Specify)</td>
<td></td>
</tr>
</tbody>
</table>

4.2 Number of Users

(i) Teachers _____________ (ii) Research Scholars ________
(iii) P.G. Students__________ (iv) M.Phil. Students__________ (v) U.G. Students____

4.4 Budget

<table>
<thead>
<tr>
<th>Library Budget</th>
<th>Budget Allocated to the Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005-2006</td>
<td></td>
</tr>
<tr>
<td>2006-2007</td>
<td></td>
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<tr>
<td>2007-2008</td>
<td></td>
</tr>
<tr>
<td>2008-2009</td>
<td></td>
</tr>
<tr>
<td>2009-2010</td>
<td></td>
</tr>
</tbody>
</table>

5 LIBRARY AUTOMATION (Please Tick Mark (√) the appropriate choices)

5.1 Are you using computers Yes/No

(i) If yes, when did you start using computers ________________________________

(ii) Do you find the attitude of library staff indifferent towards the use of IT? Yes/No
(iii) Which of the following factors lead to the use of computers?

(a) Reduction of work load ( )
(b) Improvement of quality & efficiency of services ( )
(c) Cooperation & Centralization ( )
(d) Introduction of new services ( )
(e) Any Other (Please Specify) ______________________

5.2 System Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Computers</td>
<td>No. of Floppy Disk Drives</td>
</tr>
<tr>
<td>No. of Connected Terminals</td>
<td>No. of CD-Drives</td>
</tr>
<tr>
<td>No. of Scanners</td>
<td>DVD- Writers</td>
</tr>
<tr>
<td>No. of Printers</td>
<td>Combo Drives</td>
</tr>
</tbody>
</table>

5.3 Access to Computer Facilities

(i) Are the above computer facilities able to meet the library requirements effectively? Yes/No
(ii) If No, whether the library has access to the facilities of the University’s Computer Centre? Yes/No

5.4 Application Software(s)

(i) Which General Purpose S/W Package do you have (Please Specify)
   (a) DBMS ( )
   (b) MS Office ( )
   (c) Multimedia ( )
   (d) Any Other (Pl. Specify) __________

(ii) Which Library Specific S/W Package do you have____

(iii) System Requirements
   (a) Hardware Requirements (Including memory)__________________________
   (b) Operating System (s)
       Windows ____ LINUX ____ UNIX ____

      Any Other (Please Specify) __________

5.5 Use of the Software Package

(i) Which of the following transaction-processing system are supported by the package/being used by you? (Please tick mark (√) the appropriate choices).
   S/W Supported Used
   (a) Acquisition Section ( ) ( )
   (b) Cataloguing Section ( ) ( )
   (c) Circulation Section ( ) ( )
   (d) Serial Control Section ( ) ( )
   (e) Bibliographic Information Storage &
Retrieval System

(ii) Have you developed integrated database for the library functions? Yes/No

(iii) If No, Please mention the different databases maintained along with the records in each____________________________________________

(iv) Bibliographic/Non-Bibliographic Information Storage & Retrieval Services supported by the package & those provided by the library.

<table>
<thead>
<tr>
<th>(a)</th>
<th>CAS</th>
<th>S/W Supported</th>
<th>Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b)</td>
<td>SDI</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>(c)</td>
<td>Abstract Bulletins</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>(d)</td>
<td>Indexes</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>(e)</td>
<td>Bibliographies</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>(f)</td>
<td>Any Other (Please Specify)</td>
<td>( )</td>
<td>( )</td>
</tr>
</tbody>
</table>

6 REMOTE ACCESS (Please Tick Mark (√) the appropriate choices)

6.1 Does the library provide Online Public Access Catalogue services Yes/No

6.2 Does the library provide on-line search services of remote database Yes/No

(i) if yes, who does the search?

   (a) Library Staff ( )
   (b) Users Themselves ( )

(ii) Which category of users can avail these services____________________________________________

6.3 Do you have internet Facilities available in the library Yes/No

If yes, what are these being used for?

Access to Databases ( ) E-mail ( ) File Transfer ( )

Any other (Please Specify) ____________________________________________

6.4 Which of the following communication channels are used for remote access?

Dial-Up Connection ( ) Broadband Connection ( )

Leased Line ( ) Any Other (Pl. Specify) ________________

6.5 Networking Facilities

(i) Whether the library has its own Website Yes/No

(ii) Is the library part of a network? Yes/No
7. **E- RESOURCES**

7.1 **Do you provide access to E-resources?**

Yes _____ No _____ Planned _____

7.2 **Type of E-resources**

E-Books _____ E-Journals _____ E-Theses _____ E-Database___________

Any other ______

7.3 **Mode of Availability**

Subscribed by the University _____

Through Consortia INFLIBNET/ INDEST/ Any other (Please Specify) ___

The Public Domain resources ______

Any other Mode (Pl. Specify) _____

7.4 **Mode of Accessibility**

Campus Wide through IP authentication ______

User Id/Password ______

Only in the Library ________

Any other Mode (Pl. Specify) _____

7.5 **E-Resources Subscribed by the Library related to Chemistry and Physics**

(Please put √ mark where applicable)

<table>
<thead>
<tr>
<th>American Chemical Society</th>
<th>Nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Institute of Physics</td>
<td>Royal Society of Chemistry</td>
</tr>
<tr>
<td>American Physical Society</td>
<td>Science Citation Index</td>
</tr>
<tr>
<td>Annual Reviews</td>
<td>Science Direct</td>
</tr>
<tr>
<td>Chemical Abstract Services</td>
<td>SCI Finder</td>
</tr>
<tr>
<td>Cambridge University Press</td>
<td>Science Online</td>
</tr>
<tr>
<td>Elsevier Science</td>
<td>Springer Link</td>
</tr>
<tr>
<td>IEL Online</td>
<td>The MERK Index</td>
</tr>
<tr>
<td>Institute of Physics Publishing</td>
<td>Web of Science</td>
</tr>
<tr>
<td>Oxford University press</td>
<td>Any other, (please specify) -----</td>
</tr>
<tr>
<td>Portland press</td>
<td>-------</td>
</tr>
</tbody>
</table>

8. Are you providing hands-on-training to the users at your institute regarding E-resources?

Any other information that yours precious feel should be there, you are free to give suggestion regarding this.
Questionnaire for Users

Respected Sir / Madam,

I am pursuing Ph.D on the topic entitled “Use of E-Resources by Chemists and Physicists in the Universities of Haryana, Punjab and Chandigarh : An Analytical Study” in the Department of Library and Information Science, Kurukshetra University, Kurukshetra under the supervision of Dr. Joginder Singh Burman. I shall be highly obliged if you could kindly fill up the enclosed questionnaire placing tick mark( √ ) at an appropriate place and giving information relating to various areas indicated therein. The information supplied by you will be used for academic purpose only.

Your kind co-operation in this regard and early return of the questionnaire will be highly appreciated.

Thanking you in anticipation.

Sincerely Yours

(Sakshi)
University Research Scholar
Kurukshetra University, Kurukshetra
Haryana
sakshiarora_13@yahoo.co.in
M 09416235838

PART 1 - BACKGROUND INFORMATION

(Plz ( √ ) in appropriate box)

1.1. Name: Mr./ Mrs./ Ms./ Dr.................................................................

1.2. Gender
   Male □ Female □

1.3. Age
   21-30 yrs. □ 31-40 yrs. □
   41-50 yrs. □ above 50 yrs. □

1.4. Give the name of your department.
   Chemistry □ Physics □
1.5. Mention your academic status.

Professor ☐  Associate Professor ☐

Assistant Professor ☐  Research Scholar ☐  M.Phil. Student ☐

Post Graduate Student ☐

1.6. Indicate the name of University.

Kurukshetra University, Kurukshetra (KUK) ☐

Maharishi Dyanand University (MDU), Rohtak ☐

Chaudhary Devi Lal University (CDLU), Sirsa ☐

Chaudhary Charan Singh Haryana Agriculture University (CCSHAU), Hisar ☐

Guru Nanak Dev University (GNDU), Amritsar ☐

Punjabi University (PU), Patiala ☐

Panjab University (PU), Chandigarh ☐

1.7. Which medium do you prefer and why? Give reasons

Print ☐  Electronic ☐  Both ☐

1.8. How many years of computer experience you have?

0-1 yr. ☐  1-2 yrs. ☐

3-4 yrs. ☐  5 yrs. and above ☐

1.9. Do you use Internet services?

Yes ☐  No ☐

1.10 From where do you access Internet?

University Library ☐  University Computer Centre ☐

Department ☐  Home ☐

Any other, (plz specify) __________________________

1.11 How many hours do you access internet per day?

0-1 hr. ☐  2-3 hrs. ☐

4-5 hrs. ☐  More than 5 hrs. ☐

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Part 2 - USE OF E- RESOURCES

2.1. Have you ever visited library website?

Yes ☐  No ☐
2.2. Do you aware about E-resources under subscription of Consortium?
Yes ☐ No ☐

2.3. If yes, do you use these resources?
Yes ☐ No ☐

2.4. Are you aware of the availability of E-resources/ online journals in your University library?
Yes ☐ No ☐

3.2. Are you familiar with E-Resources/ online journals relating to your subject field?
Yes ☐ No ☐

*If yes, plz (Tick as many as applicable)*
- American Chemical Society ☐
- American Physical Society ☐
- American Institute of Physics ☐
- Annual Reviews ☐
- Blackwell Publishing ☐
- Cambridge University Press ☐
- Chemical Abstract Services ☐
- Elsevier Science ☐
- IEL Online ☐
- INSPEC ☐
- Institute of Physics Publishing ☐
- Nature ☐
- Oxford University press ☐
- Portland press ☐
- Royal Society of Chemistry ☐
- Science Direct ☐
- Science citation Index ☐
- SCI Finder ☐
- Science Online ☐
- Springer Link ☐
- The Merk Index ☐
- Web of Science ☐
- Any other,(plz specify)-- ☐
3.1. Which type of search engine do you use for research / study?

- Ask jeeves
- Infoseek
- MSN
- Google
- Yahoo
- Rediffmail
- Excite
- AltaVista
- Any other, (plz specify)  

3.2. You seek information from

- E-journals
- Blog
- E- Books
- Databases
- Open source literature
- ETDs
- Online Conference Proceedings

3.3. How frequently do you use E-resources?

- Daily
- 2–3 times in week
- Once a week
- Occasionally

3.4. Which component of electronic / online journals do you use?

- Table of Contents
- Journal Abstract
- Article Reference
- Alerting Services
- Full Text
- Any other, (plz specify)  

3.5. What is the purpose of using E-resources?

- Research needs
- Professional achievement
- Writing research articles
- Education
- Current information
- Any other, (plz specify)  

3.6. Which format of E- resources do you use?

- PDF
- HTML
- SGML
- MS Word
- Any other (plz specify)  

3.7. What are hindrances of accessing E-resources?

- It is very time consuming to browse E- Resources.
There are not enough computers and / or labs. □
There is slow speed of accessing. □
There is lack of trained staff. □

3.8. To what extent are you satisfied with E-resources available in your university library?
Very satisfied □    Moderately satisfied □
Somewhat dissatisfied □ Not satisfied □

3.9. What is the quality of information you acquire from E-resources?
Excellent □    Good □
Moderately good □ Poor □

3.10. Do you feel training is important to make maximum use of library E-resources?
Yes □    No □

3.11. Please feel free to add any comments on E-resources offered by your library.

______________________________________________
Signature