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BIBLIOGRAPHY

From,
Mr. N. Nageswaran
Scientific Assistant - III, IUCAA Library
Pune University campus
Pune - 411007.

Respected Sir/Madam

I Mr. N. Nageswaran am working as a Scientific Assistant at IUCAA Library, Pune. I am pursuing Ph.D. Programme in the field of Library and information Science at Tilak Maharashtra Vidyapeeth (TMV), Pune under the supervision of Dr. P.N. Rath, Deputy Librarian, Gokhale Institute of Politics and Economics, Pune. My research title is “Resource sharing and Networking in BTISNet Libraries in India”. I shall be very grateful if you kindly spare few minutes of your valuable time to complete the questionnaire through online. Your views and information on said topics make important contribution for study of various facets of Library and Information Sciences. Your comments and suggestions will add values to my endeavor.

I shall be very grateful to you for your contribution towards my research. I assure you that the data provided by you will be coded used only for the research purpose and confidentiality will be maintained.

Questionnaire for Librarians

1. General Information

   Name of the institution : 
   Year of Establishment : 
   Address : 
   Website : 
   Email : 

1.1 Type of the Centre: COE/DIC/SUB-DIC/BNF:
   (Please Tick any one)
2. Library Resources

2.1. Printed in Nos.

<table>
<thead>
<tr>
<th>i. Books</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ii. Journal back volumes</td>
<td></td>
</tr>
<tr>
<td>iii. Mimeographs</td>
<td></td>
</tr>
<tr>
<td>iv. Grey literature</td>
<td></td>
</tr>
<tr>
<td>v. Other print resources</td>
<td></td>
</tr>
<tr>
<td>ii. Journals loose issues</td>
<td></td>
</tr>
<tr>
<td>i. Indian</td>
<td></td>
</tr>
<tr>
<td>ii. International</td>
<td></td>
</tr>
</tbody>
</table>

2.2. CD/ DVDs in Nos.

<table>
<thead>
<tr>
<th>i. Animated CD/DVD</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ii. Lectures CD/DVD (NPTEL)</td>
<td></td>
</tr>
<tr>
<td>iii. Any other please specify</td>
<td></td>
</tr>
</tbody>
</table>

3. Give the details of e-resources available in your library?

3.1. E Books  in Nos.

<table>
<thead>
<tr>
<th>i. Subscribed (Annual licensing)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ii. One-time Purchased</td>
<td></td>
</tr>
<tr>
<td>iii. Internet Archives</td>
<td></td>
</tr>
<tr>
<td>iv. Websites</td>
<td></td>
</tr>
</tbody>
</table>

3.2. E journals in Nos.

<table>
<thead>
<tr>
<th>i. Indian Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>i. Biology journal</td>
</tr>
<tr>
<td>ii. Bioinformatics journal</td>
</tr>
<tr>
<td>iii. Other Journals</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ii. International – Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>i. Biology journal</td>
</tr>
<tr>
<td>ii. Bioinformatics journal</td>
</tr>
<tr>
<td>iii. Other Journals</td>
</tr>
</tbody>
</table>
3.3. E-lectures in Nos.
   i. Demonstration videos
   ii. Video-lectures
   iii. Video-clips
   iv. Any other please specify

3.4. E-learning - Bioinformatics Online Courses
   i. creating e-resources Yes / No If yes. Please specify
      i. E-clipping
      ii. E-Content
      iii. E-thesis
      iv. Any other please specify
   ii. From Internet portals e-resources
      i. Videolectures.net
      ii. Youtube
      iii. Khan Academy
      iv. Coursea
      v. Any other please specify

3.5. E-Database
3.5.1. Literature databases
   i. Pubmed
   ii. MEDLARS
   iii. MEDLINE
   iv. Biotechnology Abstracts
   v. Grey literature yes / no.
      If yes how much volume

3.5.2. Scientific databases
   a. Nucleotide Sequence
      Database
      i. EMBL- European Molecular Biology Laboratory
      ii. GenBank Genetic Sequence Database
      iii. DDBJDNA Data Bank of Japan
      iv. any other please specify
   b. Protein databases
      i. Swiss-Prot annotated protein sequence database
ii. TrEMBL Translation of EMBL Nucleotide Sequence Databases

iii. PIR Protein Information Resource

iv. PSD Protein Sequence Database

v. any other please specify

c. Structure databases

i. PDB Protein Data Bank

ii. NDB Nucleic Acid Database

iii. CCDB / CSD Cambridge Crystallographic Data Centre / Cambridge Structural Database

iv. any other please specify

4. Give the details of Physical Networking infrastructure available in your library?

   i. Wired
   ii. Wi-Fi
   iii. Broadband
   iv. Leased line

4.1. Are you connected with any national network?

   i. NKN Network
   ii. ERNET Network
   iii. Eduroam
   Wifi

5. What kind of type of Library management software packages using in your library?

   i. Commercial
      a. Libsys
      b. SLIM21
      c. SOUL
      d. VTLS
   ii. Open source
      a. Koha
      b. NewGenlib
   iii. Any other - Please name and specify whether a commercial or Open source Product

6. No. of Technical Staff in your Library

7. Please provide your library budget for last three years?
i. Centralized budget ☐ ii. Separate budget for library ☐

<table>
<thead>
<tr>
<th>Year</th>
<th>Budget Amount (In Lakhs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td></td>
</tr>
<tr>
<td>2012-13</td>
<td></td>
</tr>
<tr>
<td>2013-14</td>
<td></td>
</tr>
</tbody>
</table>

8. Please furnish details of your budget under the following heads?
   i. Books ☐ ii. Journals ☐ iii. E-Resources ☐
   iv. Networking ☐ v. Other ______________________

<table>
<thead>
<tr>
<th>Year – 2011-12</th>
<th>Books</th>
<th>Journals</th>
<th>E-resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Budget Amount</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year – 2012-13</th>
<th>Books</th>
<th>Journals</th>
<th>E-resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Budget Amount</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year – 2013-14</th>
<th>Books</th>
<th>Journals</th>
<th>E-resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Budget Amount</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9. Is the provisions in library budget are sufficient to meet your requirements
   i. Yes ☐ ii. No. ☐

9.1. If No. how does you meet you deficit?
   i. Generation of fund by library ☐ ii. Donors ☐
   iii. Other sources (Please specify)_________________________

10. Are you generating fund through library services? Yes / No
    If yes through which of the following
    i. Fine ☐ ii. Photocopying ☐ iii. Article delivery service ☐
    iv. Organizing workshop ☐ v. Any other __________________
11. Which of the following library services are provided online through your library’s website?

   vi. Any other ______

12. Which of the following library Consortia’s membership does your library have?

   i. INDEST □ ii. FORSA □ iii. UGC-INFONET □
   iv. DeLCON □ v. NKRC □ iv. Any other ______________

13. Which type of resources are available through network (BTISNet)?

   i. Course materials
   ii. Conference Proceedings
   iii. Publication databases
   iv. Scientific databases
   v. E-books and online journals
   vi. Any other please specify_______

14. What type of services do you avail through BTISNet?

   i. Sharing/Exchange & Print resources
   ii. Sharing / access of online resources
   iii. Exchange of manpower
   iv. Joint /combined subscription of print resources
   v. Joint /combined subscription of online resources
   vi. Any other please specify_______

15. Please mention the resources not covered by BTISNet

   i. 
   ii. 
   iii. 
   iv. 
   v. 
16. How do you disseminate your E-resources?
   i. Portal  
   ii. A-Z list  
   iii. OPAC  
   iv. Discovery service  
   v. Any other please specify_____ 

17. Apart from DBT do you receive fund from any other funding agency?
   Yes/ No If yes please specify ____________________________

18. You are sharing your library catalogue through?
   i. Union Catalogue  
   ii. Z39.50  
   iii. Any other please specify_______

19. Please rate your level of satisfaction on the services provided under BTISNet
   i. Excellent  
   ii. Very good  
   iii. Good  
   iv. Average  
   v. Poor

20. What about present status of Resource sharing and networking under BTISNet
   ---------------------------------------------------------------------------------------
   ---------------------------------------------------------------------------------------
   ---------------------------------------------------------------------------------------
   21. If you have any suggestion please specify.
   ---------------------------------------------------------------------------------------
   ---------------------------------------------------------------------------------------
   ---------------------------------------------------------------------------------------
22. Is there Sufficient Print/ E-resources available in your library?  Yes / No

________________________________________________________________________

Thank you very much for participation and co-operation

Name:

Designation:

Date:

________________________________________________________________________
From,
Mr. N. Nageswaran
Scientific Assistant - III, IUCAA Library
Pune University campus
Pune - 411007.

Respected Sir/Madam

I Mr. N. Nageswaran am working as a Scientific Assistant at IUCAA Library, Pune. I am pursuing Ph.D. Programme in the field of Library and information Science at Tilak Maharashtra Vidyapeeth (TMV), Pune under the supervision of Dr. P.N. Rath, Deputy Librarian, Gokhale Institute of Politics and Economics, Pune. My research title is “Resource sharing and Networking in BTISNet Libraries in India”. I shall be very grateful if you kindly spare few minutes of your valuable time to complete the questionnaire through online. Your views and information on said topics make important contribution for study of various facets of Library and Information Sciences. Your comments and suggestions will add values to my endeavor.

I shall be very grateful to you for your contribution towards my research. I assure you that the data provided by you will be coded used only for the research purpose and confidentiality will be maintained.

**QUESTIONNAIRE FOR THE LIBRARY USERS**

1. What kind of resources do you primarily use?
   i. Printed Books
   ii. Printed Journals
   iii. E-Books
   iv. E-Journals
   v. Any other Please specify ________________
2. How satisfied are you with library information resources for your requirements? If library information resources did not meet your requirements, which solution do you prefer?
   i. Interlibrary loan
   ii. Article Delivery Service
   iii. Any other Please specify_________________

3. How long have you been using the Library? __________years

3.1 Kindly tick mark (✓) the awareness level about the resources Services and facilities of your library?

   Fully / limited / not all above

1. Collection

a. Books

(i) Kindly indicate tick mark (✓) the adequacy of library collection in your subject fields.

   Excellent / Very good / Good / Average / Poor

(ii) Kindly enlist the Sub subjects / topics having rich collection

   1.  
   2.  
   3.  
   4.  
   5.  
   6.  

(iii) Kindly mark (✓) the percentage (%) of your requirement met by existing library collection

   1-20%  21-40%  41-60%  61-80%  81-100%

(iv) Kindly mark (✓) the rating of reference collection of your Library

   Excellent / Very good / Good / Average / Poor

(v) Do you play active role in strengthening the library collection?
b. Journals

(i) Kindly mark (✓) the rating of Journal collection (Back Volume) in your library

Excellent / Very good / Good / Average / Poor

(ii) Kindly mark (✓) the adequacy of journal currently subscribed in your subject field.

Excellent / Very good / Good / Average / Poor

(iii) Kindly mark (✓) the frequency of consultation journals by you

a. Almost daily  b. Occasional  c. Rare

C. Dissertations / Reports

Your rating to the collection of dissertation and reports in library, if available?

Excellent / Very good / Good / Average / Poor

2. Services

How far your library meets your information needs?

Fully / Mostly / Partially / Rarely

Kindly Mark (✓) the service provided by the library with rating of usefulness.

<table>
<thead>
<tr>
<th>Service</th>
<th>Rating of usefulness</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Information about new arrivals of</td>
<td></td>
</tr>
<tr>
<td>Books/periodicals and other documents</td>
<td>Yes/ No always/mostly/</td>
</tr>
<tr>
<td></td>
<td>Sometimes/rarely</td>
</tr>
</tbody>
</table>
b. Abstracting & indexing service  Yes/ No always/mostly/ sometimes/rarely

c. Bibliographic service Yes/ No always/mostly/ sometimes/rarely

d. SDI service Yes/ No always/mostly/ sometimes/rarely

e. OPAC service Yes/ No always/mostly/ sometimes/rarely

f. Xerox service Yes/ No always/mostly/ sometimes/rarely

g. Any other please specify

3. Kindly indicate (√) your rating with staff numbers of the library as per following broad parameters.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Excellent</th>
<th>Good</th>
<th>Average</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>i. Knowledge</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ii. Service attitude</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>iii. Communication</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. Which portal do you use to access the electronic resources?

i. Library Homepage
ii. OPAC
iii. Journal Homepage
iv. Portal
v. Any other Please specify_________
5. What do you primarily use the electronic resources for?
   i. Research
   ii. Project work
   iii. Writing Research Paper
   iv.

Kindly indicate your views about your library in brief along with suggestions for improvement.

__________________________________________________________
__________________________________________________________
__________________________________________________________

Signature
## List of Bioinformatics Centre’s

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Bioinformatics Centre full name</th>
<th>Short Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Centre for Excellence</td>
<td>COEs</td>
</tr>
<tr>
<td>1</td>
<td>Bose Institute</td>
<td>BI</td>
</tr>
<tr>
<td>2</td>
<td>Indian Institute of Science</td>
<td>IISc</td>
</tr>
<tr>
<td>3</td>
<td>Super Computing Facility</td>
<td>IITD</td>
</tr>
<tr>
<td>4</td>
<td>Jawaharlal Nehru University</td>
<td>JNU</td>
</tr>
<tr>
<td>5</td>
<td>Madurai Kamaraj University</td>
<td>MKU</td>
</tr>
<tr>
<td>6</td>
<td>S.P. University of Pune</td>
<td>SPPU</td>
</tr>
<tr>
<td>7</td>
<td>Apex Bioinformatics Centre</td>
<td>DBT</td>
</tr>
<tr>
<td></td>
<td><strong>Distribution Information Centre</strong></td>
<td><strong>DICs</strong></td>
</tr>
<tr>
<td>8</td>
<td>Anna University</td>
<td>AU</td>
</tr>
<tr>
<td>9</td>
<td>Centre for Cellular &amp; Molecular Biology</td>
<td>CCMB</td>
</tr>
<tr>
<td>10</td>
<td>Indian Agricultural Research Institute</td>
<td>IARI</td>
</tr>
<tr>
<td>11</td>
<td>Institute of Microbial Technology</td>
<td>IMTECH</td>
</tr>
<tr>
<td>12</td>
<td>Kerala Agriculture University</td>
<td>KAU</td>
</tr>
<tr>
<td>13</td>
<td>M. S. University of Baroda</td>
<td>MSU</td>
</tr>
<tr>
<td>14</td>
<td>National Brain Research Centre</td>
<td>NBRC</td>
</tr>
<tr>
<td>15</td>
<td>National Institute of Immunology</td>
<td>NII</td>
</tr>
<tr>
<td>Sl. No.</td>
<td>Bioinformatics Centre full name</td>
<td>Short Name</td>
</tr>
<tr>
<td>--------</td>
<td>-------------------------------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>16</td>
<td>North Eastern Hill University</td>
<td>NEHU</td>
</tr>
<tr>
<td>17</td>
<td>Pondicherry University</td>
<td>PU</td>
</tr>
<tr>
<td>18</td>
<td>University of Calcutta</td>
<td>UC</td>
</tr>
<tr>
<td></td>
<td><strong>Distribution Information Centre- Sub Centre</strong></td>
<td><strong>SUBDICs</strong></td>
</tr>
<tr>
<td>19</td>
<td>Aligarh Muslim University</td>
<td>AMU</td>
</tr>
<tr>
<td>20</td>
<td>All India Institute of Medical Sciences</td>
<td>AIIMS</td>
</tr>
<tr>
<td>21</td>
<td>ACTREC</td>
<td>ACTREC</td>
</tr>
<tr>
<td>22</td>
<td>Banasthali University</td>
<td>Banasthali</td>
</tr>
<tr>
<td>23</td>
<td><strong>Barkatullah University</strong></td>
<td>BU</td>
</tr>
<tr>
<td>24</td>
<td>Banaras Hindu University</td>
<td>BHU</td>
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<tr>
<td>25</td>
<td>Bharathidasan University</td>
<td>BDU</td>
</tr>
<tr>
<td>26</td>
<td>Biotech Park in Biotechnology City</td>
<td>Biotech Park</td>
</tr>
<tr>
<td>27</td>
<td>Birla Institute of Scientific Research</td>
<td>BISR</td>
</tr>
<tr>
<td>28</td>
<td>Birla Institute of Technology</td>
<td>BITS</td>
</tr>
<tr>
<td>29</td>
<td>Central Agricultural Research Institute</td>
<td>CIARI</td>
</tr>
<tr>
<td>30</td>
<td>Central Institute of Freshwater Aquaculture</td>
<td>CIFA</td>
</tr>
<tr>
<td>31</td>
<td>Central Institute of Medicinal And Aromatic Plants</td>
<td>CIMAP</td>
</tr>
</tbody>
</table>
### List of Bioinformatics Centre’s

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Bioinformatics Centre full name</th>
<th>Short Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>Central Plantation Crops Research Institute</td>
<td>CPCRI</td>
</tr>
<tr>
<td>33</td>
<td>CSK Himachal Pradesh Krishi Vishvavidyalaya</td>
<td>CSK HPKV</td>
</tr>
<tr>
<td>34</td>
<td>Devi Ahilya Vishwavidyalaya</td>
<td>DAV</td>
</tr>
<tr>
<td>35</td>
<td>Dr. Y. S. Parmar University of Horticulture and Forestry</td>
<td>UHF</td>
</tr>
<tr>
<td>36</td>
<td>G.B. Pant University of Agriculture and Technology</td>
<td>GBPUAT</td>
</tr>
<tr>
<td>37</td>
<td>Guru Nanak Dev University</td>
<td>GNDU</td>
</tr>
<tr>
<td>38</td>
<td>Himachal Pradesh University</td>
<td>HPUNIV</td>
</tr>
<tr>
<td>39</td>
<td>Indian Institute of Advance Research</td>
<td>IIAR</td>
</tr>
<tr>
<td>40</td>
<td>Indian Institute of Integrative Medicine</td>
<td>IIIM</td>
</tr>
<tr>
<td>41</td>
<td>Indian Institute of Spices Research</td>
<td>IISR</td>
</tr>
<tr>
<td>42</td>
<td>Indian Institute of Technology, Delhi</td>
<td>iitd</td>
</tr>
<tr>
<td>43</td>
<td>Indian Institute of Technology, Khargapur</td>
<td>iitkgp</td>
</tr>
<tr>
<td>44</td>
<td>Indian Veterinary Research Institute</td>
<td>IVRI</td>
</tr>
<tr>
<td>45</td>
<td>Institute of Life Sciences</td>
<td>ILS</td>
</tr>
<tr>
<td>46</td>
<td>Karnataka Veterinary, Animal &amp; Fisheries Sciences University</td>
<td>KVAFSU</td>
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<tr>
<td>47</td>
<td>Mahatma Gandhi Institute of Medical Sciences</td>
<td>MGIMS</td>
</tr>
<tr>
<td>48</td>
<td>National Botanical Research Institute</td>
<td>NBRI</td>
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## List of Bioinformatics Centre’s

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<th>Short Name</th>
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<td>National Dairy Research Institute</td>
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<td>National Institute of Oceanography</td>
<td>NIO</td>
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<td>National Institute for Plant Genome Research</td>
<td>NIPGR</td>
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<td>National Institute of Technology</td>
<td>NITRR</td>
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<td>PAU</td>
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<td>Rajiv Gandhi Centre for Biotechnology</td>
<td>RGCB</td>
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<td>55</td>
<td>Sikkim State Council of Science &amp; Technology</td>
<td>DSTSIKKIM</td>
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