APPENDIX-II

QUESTIONNAIRE

Prakash Bhairu Bilawar
Assistant Librarian
Barr.Balasaheb Khardekar Library
Shivaji University, Vidyanagar,
Kolhapur-416 004 (M.S)
Ph.No-(0231)2609421,M-09423290302
Email- prakashbilawar@rediffmail.com

Date:

To,
Prof. ______________________________________
______________________________________
______________________________________

Dear Sir/Madam,

I have undertaken a research on the topic “Awareness of E-Information Literacy Amongst University Teachers of Maharashtra” for Ph.D in Library and information Science subject, under the guidance of Dr. S.M. Pujar, Department of Library and Information Science, Shivaji University, Kolhapur.

As a part of this research, I need to collect the data from teachers working in different post-graduate departments of universities established in Maharashtra. Therefore, may I request you to please fill-in the enclosed questionnaire by sparing your valuable time. The study intends to find out the awareness, purpose, types of e-information acquired by the teachers and also intend to find out teachers e-information literacy skills in searching or seeking e-information resources and how it makes impacts on their research and teaching in the present electronic/internet age and to suggest an information literacy model for the university libraries for improving the skills development programmes based on your valuable inputs.

I will sincerely appreciate your co-operation in providing this information. The data gathered would be used only for academic purpose and all the details will be kept confidential.

I am enclosing a self-addressed stamped envelope to facilitate the dispatch.

Thanking you for your valuable time and co-operation.

With kind regards,
Sincerely yours,

(Prakash Bilawar)

Encl.: Questionnaire and Envelope
QUESTIONNAIRE

Awareness of E-Information Literacy Amongst University Teachers of Maharashtra

1 Personal Information

1.1 Your name : 
1.2 Designation : Professor, Associate Professor/Reader, Assistant Professor/ Lecturer, Other (Please specify)__________
1.3 Name of the University : 
1.4 Name of the Department : Department of________________
1.5 Name of the Faculty : Science/Social Science/Arts, Other (Please specify)_______________
1.6 Gender : Male/Female

2 Awareness of E-Resources

2.1 Please tick [ ] mark the e-resources, which you are aware of. Please tick mark all those applicable.

[ ] Citation Indexes: Web of Science [SCI, SSCI, AHCI] SCOPUS etc
[ ] Digital Libraries/E-Print Archives/Institutional Repositories
[ ] Discussion forums/ Groups
[ ] E-Books
[ ] E-Journals (including Open Access/Free Journals)
[ ] Electronic Abstracting and Indexing Databases [Pubmed, BIOSIS, ISID Index etc]
[ ] Electronic Theses and Dissertations [ETDs]
[ ] E-Newspapers
[ ] General Search Engines [Google, Bing etc]
[ ] Journal contents alert services
[ ] Scholarly Search Engines [Google Scholar, BASE etc]
[ ] Subject Gateways [BUBL, Intute] and portals
[ ] Subject Specific Search Engines [Scirus, Entrez etc]
[ ] Any other, please specify

_________________________________________
3 Types and Use of E-Information

3.1 Please check, on a five point scale, using the codes given below, the types of e-information you require for your academic and research work.

Codes:

1 Not Required  2 Rarely required  3 Occasionally required  
4 Frequently required  5 Most Frequently required

[ ] Abstracts and Indexes
[ ] Computer programs, Statistical and Mathematical models
[ ] Conference/Seminar/Workshop announcements
[ ] Content pages of journals [electronic table of content]
[ ] Full text of Journal articles
[ ] General, Scientific, Business and Economic News
[ ] Information about current developments in the field
[ ] Information about international organizations and their activities
[ ] Information about work done in other relevant fields
[ ] Scientific and Technological Developments
[ ] Scientific Formulae
[ ] Statistical, Economic and Social data
[ ] Any other, please specify

3.2 Please check on a five point scale, using the codes given below, to what extent you acquire the different types of e-information from different e-resources mentioned below required for your teaching and research.

Codes:

1 Not Acquired  2 Rarely acquired  3 Occasionally acquired  
4 Frequently acquired  5 Most frequently acquired

[ ] Citation Indexes: Web of Science [SCI, SSCI, AHCI] SCOPUS etc
[ ] Digital Libraries/E-Print Archives/Institutional Repositories
[ ] Discussion forums/ Groups
[ ] E-Books
[ ] E-Journals (including open access/free journals)
[ ] Electronic Abstracting and Indexing Databases [Pubmed, BIOSIS, ISID Index etc]
[ ] Electronic Theses and Dissertations [ETDs]
[ ] E-Newspapers
[ ] General Search Engines [Google, Bing etc]
[ ] Journal contents alert services
[ ] Scholarly Search Engines [Google Scholar, BASE etc]
[ ] Subject Gateways [Bubl, Intute] and portals
[ ] Subject Specific Search Engines [Scirus, Entrez etc]
[ ] Any other, please specify

3.3 Please tick mark [✓] the Sources from which you acquire the e-information. Please tick mark all those applicable.

[ ] Information from colleagues
[ ] Internet Sources
[ ] Library
[ ] Library Website (including online catalogue-OPAC/Web-OPAC)
[ ] Through other medias i.e. Newspapers, Phone, Mobile etc
[ ] Any other, please specify

3.4 Which language do you prefer to access the e-information? please tick mark [✓] all those applicable

[ ] English
[ ] Other than English, please mention the language

4 Purposes of seeking e-information

4.1 Please check on a five point scale, using the codes given below the purposes for which you collect and use e-information.

Codes:
1    Not used  2    Rarely used  3    Occasionally used
4    Frequently used  5    More frequently used

[ ] Broadening area of attention and reviewing work done in the related fields
[ ] Checking authenticity of available data and information
[ ] Checking and evaluating one’s own results
[ ] Consultancy work/research
[ ] Curriculum/Classroom assignment and Examination work
[ ] Data analysis
[ ] Facility towards Online membership for sharing of e-resources
[ ] For carrying out projects
[ ] For filing Patent
[ ] For keeping abreast with the latest developments in the field
[ ] For writing and presenting papers and delivering lectures
[ ] Guiding students or team and sharing information with them
[ ] Orienting oneself with the existing body of knowledge
[ ] Policy advice to government/International organization
[ ] Suggesting new ideas/techniques
[ ] Other purposes, if any, please specify

5 Problems in seeking e-information

5.1 Please tick mark [√] the problems you come across in accessing e-information. Please tick mark all those applicable.

[ ] Do not know the useful e-resources in the field
[ ] Due to virus, worms, spam etc.
[ ] I do not know how to get information for myself
[ ] Lack of ICT infrastructure (including Internet connectivity)
[ ] Lack of Funds
[ ] Lack of information access policy
[ ] Lack of Internet Bandwidth (Slow Internet connection)
[ ] Lack of skills in using Internet/Computers
[ ] Lack of time
[ ] No access to e-journals and e-databases
[ ] Non availability of resources in Indian languages
[ ] Not enough resources in the field of interest
[ ] Teaching workload
[ ] Any other, please specify

5.2 If you do not know, how to access and retrieve e-information, then do you take help from any of the following people? Please tick mark all those applicable.

[ ] Colleagues   [ ] Library staff
[ ] Students    [ ] Computer centre staff
[ ] Others, please specify

6 Impact of E-Information Literacy on information seeking behavior

6.1 Do you think that the knowledge of e-resources and an effective use of such electronic resources have a greater impact on your research and teaching?

[ ] Yes                [ ] No

6.2 Do you think that the training or orientation program to know about availability and use of e-resources will enhance your academic and research work?

[ ] Yes                [ ] No
6.3 If your answer is ‘Yes’ to any of the above two questions, then to what extent they can make impact on your information seeking behavior in undertaking the following activities. Please check, on a five point scale, using the codes given below.

Codes:
1 No impact  2 Little impact  3 Greater impact  4 High impact  5 Very High impact

[ ] Assessment of answer sheets  [ ] Evaluation of theses and dissertations
[ ] Giving Citations  [ ] Guiding the students
[ ] Teaching and learning  [ ] Undertaking research projects
[ ] Undertaking Consultancy  [ ] Updating knowledge
[ ] Writing papers
[ ] Any other, please specify

6.4 Do you feel confident, while accessing and using e-information after getting trained in the use of e-information resources? Please tick mark more than one, if applicable.

[ ] Able to create Web page on free web server
[ ] Classify/Compare the information
[ ] Difference between fact and opinion
[ ] Evaluate information critically
[ ] Identify a variety of potential sources of information
[ ] Make citations and use of quotation
[ ] Organize information for practical application
[ ] Recognizes errors in logic/system
[ ] Search strategy by using keywords and Boolean logic
[ ] Select most appropriate information to the information need
[ ] Synthesize and summarize information
[ ] Any other, please specify

7 Use of Computers, Internet and E-Information Literacy Skills

7.1 To access e-resources, which of the following ICT facilities are available at your work place or at home? Please tick mark all those applicable.

[ ] Computer  [ ] Internet connection
[ ] Multimedia Projector  [ ] Photocopying Machines
[ ] Printer  [ ] Scanner/Fax
[ ] Any other
7.2 How often do you use the computers?

[ ] Everyday          [ ] Few times a week
[ ] Once in a week    [ ] Once in a month
[ ] Less than once in a month

7.3 Do you access to any of the CD-ROM/DVD databases on the university LAN?

[ ] Yes          [ ] No

If your answer is ‘Yes’, how often do you use?

[ ] Everyday          [ ] Few times a week
[ ] Once in a week    [ ] Once in a month
[ ] Less than once in a month

7.4 Do you have access to the Internet?

[ ] Yes          [ ] No

If your answer is ‘Yes’, how often do you use it?

[ ] Everyday          [ ] Few times a week
[ ] Once in a week    [ ] Once in a month
[ ] Less than once in a month

7.5 If you are using Internet, specify whether the Internet speed is:

[ ] Fast          [ ] OK
[ ] Really fast    [ ] Slow
[ ] Very Slow

7.6 Please mention for which of the following activities, you use the Internet?
Please tick mark more than one, if applicable.

[ ] Communication i.e. e-mail, chatting, phone etc
[ ] Downloading information i.e. articles, reports, forms etc
[ ] Links to abstract, Full Text, Citation (reference) and other useful e-resources in the field
[ ] Listening to music and watching videos (Ex: You tube)
[ ] Reading online newspapers, newsletters, blogs etc
[ ] Searching information
[ ] Watching video lectures from academic/research organization
[ ] Any other, please specify
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7.7 How do you access information on the Internet? Please check, on the five point scale, using the codes given below.

Codes:
1 Not used 2 Rarely used 3 Occasionally used
4 Frequently used 5 More frequently used

[ ] Directly going to source of information [Knowing web address from references]
[ ] E-Journals/Databases, websites
[ ] E-Resources linked through library website
[ ] General Search engines [Google, Bing, Yahoo etc]
[ ] Guided Search/FAQ/Help
[ ] Meta Search Engines [Dogpile, Metacrawler etc]
[ ] Scholarly Search Engines [Google Scholar, Base etc]
[ ] Subject Directories/Gateways [Yahoo, Domez etc]
[ ] Subject Specific Search engines [Scirus, Entrez etc]
[ ] Use Subject bookmarking sites [Delicious, StumbleUpon etc]
[ ] Any other, please specify

7.8 What search criteria do you use while searching information through Search Engines? Please check on a five point scale, using the codes given below.

Codes:
1 Not used 2 Rarely used 3 Occasionally used
4 Frequently used 5 Most frequently used

[ ] Just enter keywords in simple search box
[ ] Just enter title or author in simple search box
[ ] Make use of Advance search options
[ ] Make use of Boolean operators [and, or and not] along with keywords
[ ] Make use of mathematical operators [+,-,*] along with keywords
[ ] Make use of Phrase search by putting content in “ ”
[ ] Make use of proximity operators [near, between etc]
[ ] Make search for content within specific domains [.edu, ac.in, co.in etc]
[ ] Make search for content within specific languages [English, Hindi, French etc]
[ ] Make search for content within the files [PDF, HTML, DOC, Xls etc]
[ ] Any other, please specify
7.9 Are you aware of access to different E-Resources available to your university through INFLIBNET Consortium?

[ ] Yes  [ ] No

If your answer is ‘Yes’, then please tick mark which of the following online databases you regularly make use of for your research?

A) Science-

[ ] American Chemical society  [ ] American Institute of Physics
[ ] American Physical Society  [ ] Annual Reviews
[ ] Institute of Physics  [ ] MathSciNet
[ ] Nature  [ ] Portland Press
[ ] Royal Society of Chemistry  [ ] SciFinder Scholar
[ ] SIAM  [ ] Web of Science

B) Social Science & Humanities-

[ ] Economic & Political Weekly  [ ] Emerald
[ ] ISID  [ ] Project Euclid
[ ] Project Muse

C) All Disciplines –

[ ] Blackwell Publishing  [ ] Cambridge University Press
[ ] JCCC  [ ] JSTOR
[ ] Oxford University Press  [ ] Science Direct (Elsevier Science)
[ ] Springer Link  [ ] Taylor & Francis
[ ] Any other, please specify

7.10 Are you aware of access to different FREE or Open Access online databases/resources and E-books available on the Internet?

[ ] Yes  [ ] No

If your answer is ‘Yes’, then please tick mark [✓] which of the following resources you regularly make use of for your research?

[ ] Digital Libraries/E-Print Archives/Institutional repositories
[ ] Directory of Open Access Books [DOAB]
[ ] Directory of Open Access Journals [DOAJ]
[ ] Open Access Journals  [ ] Project Gutenberg
[ ] United Nations Data  [ ] World Bank Open Data
7.11 How do you access full text journal articles published in E-Journals databases subscribed by your library or available in your university through INFLIBNET consortium or freely available on the Internet? Please check on a five point scale, using the codes given below.

Codes:
1 Not used  2 Rarely used  3 Occasionally used
4 Frequently used  5 More frequently used

[ ] Browsing Content from E-Print archives/Digital Library/Institutional Repository
[ ] By browsing journal articles from Journal homepages
[ ] Search for articles using Google
[ ] Search for articles using Google Scholar
[ ] Search for articles using Journals database Search options [JSTOR, Inform, DOAJ]
[ ] Through Abstracting and Indexing Databases [BIOSIS, SCiFinder, MathSci etc]
[ ] Through library OPAC [Article Indexing]
[ ] Through links provided in e-mail table of contents alerts
[ ] Any other, please specify

7.12 Are you aware of ‘OR’ making use of following Web 2.0 tools for your research and teaching? Please tick mark [√] all those applicable.

[ ] Blogs
[ ] Chatting [Google Talk, Yahoo messenger etc]
[ ] Micro-blogs [Twitter]
[ ] Phone [Skype, Google Talk etc]
[ ] Reference management tools like Zotero, Mendeley etc
[ ] RSS feeds
[ ] Social Networking sites [Ning, Facebook etc]
[ ] Wikis [Wikipedia, Wikileaks etc]
[ ] Any other, please specify
8 Role of University Libraries for E-Information Literacy of Teachers

8.1 How your library informs you about the latest e-resources subscribed by the library/received through INFLIBNET consortia?

[ ] Through Circular  [ ] E-mail Alert Service
[ ] News Alert on Library Website
[ ] Any other please specify

8.2 Does your library provide any of the following orientation programmes to improve your e-information literacy skills? Please tick mark [√] more than one, if applicable.

[ ] Arrangement of Virtual Library Tour
[ ] Awareness programme on Citations, Impact Factor etc
[ ] Awareness programme on evaluation and use of information/Plagiarism
[ ] Awareness programme regarding E-Resources
[ ] Demonstration of use of databases/software [Open Source, Licensed]
[ ] Demonstration of Web tools [ Zotero, Mendeley etc]
[ ] Interactive online tutorials/courses
[ ] Orientation on Online search and retrieval of information using Search Engines
[ ] Orientation on Search and retrieval of information from CD/Online databases
[ ] Any other, please specify

8.3 What is the frequency of such orientation programmes conducted by the library?

[ ] Once in a month  [ ] Once in 3 months
[ ] More than Once in 3 months  [ ] Once in 6 months
[ ] More than once in 6 months  [ ] Once in a year
[ ] More than once in a year

8.4 What kind of Orientation Programmes you expect from library to conduct, other than those mentioned above (Q.No. 8.2)? Please list.

a.______________________________________________

b.______________________________________________

c.______________________________________________
8.5 Do you expect library to develop tutorials on the use of e-resources and host these on library website to enhance your information literacy skills?

[ ] Yes  [ ] No

If your answer is ‘Yes’, Please tick mark [✓] on which of the following e-resources the Library should develop the tutorials.

[ ] Abstracting and Indexing Databases [Bibliographic]
[ ] Citations Databases  [ ] Full text Databases
[ ] Search Engines  [ ] Statistical Databases
[ ] UGC/INFONET E-Journals/Databases
[ ] Any other, please specify

________________________________________________________________

8.6 Are you satisfied with the total number of e-resources available in your field for which your University library has an access?

[ ] Yes  [ ] No

If your answer is ‘No’ please list below the e-resources which university library needs to subscribe

1. ___________________________________________________________

2. ___________________________________________________________

9 Please give your constructive Suggestions useful for E-information literacy of University teachers

________________________________________________________________

________________________________________________________________

Signature

Date:

After filling in the questionnaire, please return to:

Mr Prakash B. Bilawar
Assistant Librarian
Barr. Balasaheb Khardekar Library,
Shivaji University, Kolhapur
Phone-0231-2609421(O), 09423290302(M)
email- pbb_lib@unishivaji.ac.in, prakashbilawar@rediffmail.com