Dear Sir/Madam,

Sub: Questionnaire on "Information Gathering and Use Habits of Users of Health Science Libraries in Karnataka State"

I am introducing myself as P S Mahesh, Chief Librarian at JJM Medical College, Davangere. I have taken up a Research Project for Doctoral Program of the Karnataka University, Dharwad, under the Guidance of Dr B S Maheswarappa, Professor and Chairman, Department of Library and Information Science, Gulbarga University, Gulbarga-585 106.

I am enclosing herewith a “Questionnaire” to be filled-in and returned to me for my project. I assure you that the information given by you will be used only for research and no names of either the persons or organizations shall be revealed.

The questionnaire is so designed that it will take very little of your time. I request your kind cooperation in filling up the questionnaire.

Due to my job constraints I am unable to meet you in person to either handover or get back the questionnaire. I shall be grateful if you could handover the filled-in questionnaire to The Librarian, of your college/institution so that I can collect it back.

Thanking you,

Yours faithfully

(P S MAHESH)

TO,

Dr/Prof./Sri ____________________________
### QUESTIONNAIRE

**INFORMATION GATHERING AND USE HABITS OF USERS OF HEALTH SCIENCE LIBRARIES IN KARNATAKA STATE**

I would appreciate you taking a few minutes to answer the following questions. Most of the questions are provided with alternatives. **Tick the appropriate one/s with (\text{\checkmark}).**

1) Name : ........................................

2) Age : ........................................

3) Sex : ( ) Male ( ) Female

4) A) Area of Specialization:
   a) ( ) Medical
   b) ( ) Dental
   c) ( ) Nursing
   d) ( ) Pharmacy

   B) Speciality
   a) ( ) Pre-Clinical
   b) ( ) Para-Clinical
   c) ( ) Clinical

5) A) Position
   a) ( ) Faculty
   b) ( ) Undergraduate
   c) ( ) Post-Graduate
   d) ( ) Superspeciality

   B) If 'Faculty', please mention:
   i) Department : ........................................
   ii) Qualification/s : ........................................
   iii) Designation : 
   a) ( ) Professor
   b) ( ) Associate Professor
   c) ( ) Assistant Professor
   d) ( ) Lecturer/Tutor
   e) ( ) Other (Please Specify)

   iv) Experience (in years) : ........................................

   C) If 'Post-Graduate', please mention:
   i) Department : ........................................
   ii) Course of Study
   a) ( ) Diploma
   b) ( ) Degree
   c) ( ) Superspeciality

   iii) Year of Study
   a) ( ) First Year
   b) ( ) Second Year
   c) ( ) Third Year
D) If ‘Undergraduate’, please tick:

a) () First Year  
b) () Second Year  
c) () Third Year  
d) () Fourth/Final Year  
e) () House Surgeon

6) Please mention the total number of publications to your credit

a) Journal Articles : ---------------------------------
b) Seminar/Conference Papers : ---------------------------------
c) Review Articles : ---------------------------------
d) Books : ---------------------------------
e) Book Reviews : ---------------------------------
f) Others (Pl Specify) : ---------------------------------

7) Are you regularly attending the:

a) () Conferences/Symposia/Seminars  
b) () Workshops  
c) () Continuing Medical Education Programs

8) Are you a member of Learned Societies/ Professional Associations? () Yes () No

9) Which of the following foreign language/s can you read and write:

Read Write

a) French  ()  ()
b) German  ()  ()
c) Russian  ()  ()
d) Chinese  ()  ()
e) Any Other (Pl Specify)  ()  ()

10) Do you have a Personal Library/Collection? () Yes () No

11) Do you have the knowledge of Computers? () Yes () No

12) How much time on an average per week do you spend for the following activities?

Time in hours/per week

a) Gathering and Use of Information : ---------------------------------
b) Reading of Information : ---------------------------------
c) Study : ---------------------------------
d) R & D Work : ---------------------------------
e) Teaching : ---------------------------------
13) What type of information do you gather and use for your work?

a) ( ) Course Related Materials
b) ( ) Clinical Information
c) ( ) R & D Information
d) ( ) Procedural Information
e) ( ) Factual Information
f) ( ) Bibliographical Information
g) ( ) Current Information
h) ( ) Retrospective Information
i) ( ) Conceptual Information
j) ( ) Institutional Information
k) ( ) Biographical Information
l) ( ) Geographical Information
m) ( ) Statistical Information
n) ( ) Any Other (PI Specify)

14) Please indicate the purpose for which you gather and use information

a) ( ) Keeping up-to-date
b) ( ) Diagnostic
c) ( ) Evaluation
d) ( ) Monitoring
e) ( ) Treatment and Care
f) ( ) Teaching
g) ( ) Research
h) ( ) Studying
i) ( ) For background reading
j) ( ) For preparation of publication/s
k) ( ) Any other (PI Specify)

15) How do you gather and make use of information for keeping your knowledge up-to-date in the field?

a) ( ) Going through prescribed Textbooks
b) ( ) Consulting Monographs
c) ( ) Attending Bedside Clinics
d) ( ) Participating in Clinical Seminars
e) ( ) Scanning of Current Issues of Scientific Journals
f) ( ) Scanning of Abstracting journals
g) ( ) Scanning of Indexing journals
h) ( ) Scanning of Serial publications like Yearbooks, Advances, Recent Advances, Annuals, Progress, etc.,
i) ( ) Scanning of Current Contents: Life Sciences
j) ( ) Attending Conferences/Symposia/Workshops
k) ( ) Attending Continuing Medical Education Programs  
l) ( ) Personal Communication  
m) ( ) Discussion with Senior Colleagues/Professionals  
n) ( ) Discussion with Classmates  
o) ( ) Scanning of Product Literature  
p) ( ) Through the publications of International Agencies such as WHO, UNICEF, etc.,  
q) ( ) Through the Institutional Publications like ICMR, NIN,NICCD, etc.,  
r) ( ) Through State and Central Government publications  
s) ( ) Through Computerized Databases  
t) ( ) Any other (Pl Specify): ----------------------------------------------

16) Indicate the Usefulness of the following Information Sources in Gathering and Use of information required by you:

<table>
<thead>
<tr>
<th>Information Sources</th>
<th>Very Useful</th>
<th>Moderately Useful</th>
<th>Not Useful</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Textbooks</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>b) Monographs</td>
<td>( )</td>
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<td>( )</td>
</tr>
<tr>
<td>c) Primary Journals</td>
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<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>d) Abstracting Journals</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
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<tr>
<td>e) Indexing Journals</td>
<td>( )</td>
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<tr>
<td>f) Yearbooks, Recent Advances</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>g) Theses and Dissertations</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>h) Research Reports</td>
<td>( )</td>
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<td>( )</td>
</tr>
<tr>
<td>i) Conference and Seminar Papers</td>
<td>( )</td>
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<td>( )</td>
</tr>
<tr>
<td>j) Subject Bibliographies</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>k) Current Contents: Life Sciences</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>l) Reprints of Articles</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>m) Handbooks</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>n) Guides to Literature</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>o) Product Literature</td>
<td>( )</td>
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<td>( )</td>
</tr>
<tr>
<td>p) WHO, UNICEF, etc., Publications</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>q) ICMR, NIN, NICCD, etc., Publications</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>r) State and Central Government publications</td>
<td>( )</td>
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<td>( )</td>
</tr>
<tr>
<td>s) Personal Communication</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>t) Audio-Visual Materials</td>
<td>( )</td>
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<td>( )</td>
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<tr>
<td>u) Microforms (Microfilm, Microfiche)</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>v) Computerized Databases</td>
<td>( )</td>
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<td>( )</td>
</tr>
<tr>
<td>w) CD-ROM Databases</td>
<td>( )</td>
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<tr>
<td>x) Any Other (Pl Specify)</td>
<td>( )</td>
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</tbody>
</table>

17) Do you undertake Literature Searching on your own to gather and use information required by you?  
\( ( ) \) Yes \( ( ) \) No

18) If your Answer to Q. No 17 is 'NO', do you delegate the literature searching to: 

<table>
<thead>
<tr>
<th>Information Workers</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>b) Colleagues</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>c) Post-Graduates</td>
<td>( )</td>
<td>( )</td>
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<tr>
<td>d) Students</td>
<td>( )</td>
<td>( )</td>
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<tr>
<td>e) Ancillary Staff</td>
<td>( )</td>
<td>( )</td>
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<tr>
<td>f) Any other, please Specify</td>
<td>( )</td>
<td>( )</td>
</tr>
</tbody>
</table>

19) If your answer is 'YES' to Q.No 17, indicate the Methods/ Techniques used in Literature Searching:
a) () Consulting the Contents page in a book  
b) () Going through the contents page in a journal  
c) () Consulting the indexes in books  
d) () Consulting Annual/Cumulative Indexes of a journal  
e) () Consulting the Cumulative Index Medicus  
f) () Following the references given at the end of chapter/s  
g) () Following the references given at the end of each journal article/s  
h) () Following the literature cited at the end of review article/s  
i) () Consulting the Subject bibliographies  
j) () MEDLINE Search  
k) () CD-ROM Databases Searching  
l) () Consulting the Library Catalogue  
m) () Consulting the Library and Information Workers  
n) () Any other (Pl Specify):  

20) Name the important books from which you gather and use information  

<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td></td>
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<tr>
<td>b)</td>
<td></td>
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<tr>
<td>c)</td>
<td></td>
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<tr>
<td>d)</td>
<td></td>
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<tr>
<td>e)</td>
<td></td>
</tr>
</tbody>
</table>

21) Name the important Primary Scientific journals from which you gather and use information  

| a)     |       |
| b)     |       |
| c)     |       |
| d)     |       |
| e)     |       |

22) Name the important Abstracting journals from which you gather and use information  

| a)     |       |
| b)     |       |
| c)     |       |
| d)     |       |

23) Name the important Indexing journals from which you gather and use information  

| a)     |       |
24) A) Do you gather and use information published in languages other than English?

( ) Yes    ( ) No

B) If ‘Yes’, how do you locate the information published in languages other than English?

a) ( ) Through Abstracting and Indexing Journals
b) ( ) By Consulting the various tools published by the translation pools/banks
c) ( ) Index Translationum
d) ( ) By Consulting the Journals in translation
e) ( ) Any other (Pl Specify): .................................................................

25) Indicate the most important and significant Academic/Research/Patient Care related situation encountered during the recent past

a) ( ) Identifying the research topic
b) ( ) Finding up-to-date information
c) ( ) Getting relevant information
d) ( ) Access to information
e) ( ) Formulation of hypothesis
f) ( ) Preparation of research proposal
g) ( ) Diagnostic Workup
h) ( ) Evaluation
i) ( ) Monitoring
j) ( ) Treatment and Care
K) ( ) Preparation of publications
l) ( ) Any other (Pl Specify): .................................................................

26) When you encountered situation such as the one you have identified, did you attempt to depend on:

a) ( ) Own Experience/Knowledge
b) ( ) Personal File/Resources
c) ( ) Colleagues/Associates at your Institution
d) ( ) Experts/Other Colleagues in the Profession
e) ( ) Students/Teachers
f) ( ) Professional Organizations
g) ( ) Voluntary Organizations
h) ( ) Product Literature
i) ( ) Conference/Seminar/Meetings
j) ( ) Library/Information Center
k) ( ) Newspapers/Books/Magazines
l) ( ) Television/Radio
m) ( ) Any other (Pl Specify): .................................................................

27) Why did you depend on the above Source/s? Is it because of:

a) ( ) Convenience
b) ( ) Accessibility
28) How often you visit your library for gathering and use of information?

a) () Every day
b) () Twice a Week
c) () Once in Fortnight
d) () Any other (Please Specify): ________________________________

29) Indicate, how successful are you in gathering and using of information from your college/institution library?

a) () Almost Always
b) () Mostly
c) () Seldom

d) () Any other (Please Specify): ________________________________

30) Indicate, how often you visit other libraries in a month?

a) () Once
b) () Twice
c) () Not at all

d) () Any other (Please Specify): ________________________________

31) Indicate, how successful are you in gathering and using information from other libraries?

a) () Mostly
b) () Seldom

d) () Any other (Please Specify): ________________________________

32) Indicate, how often you consult the Library and Information Workers for gathering of information?

a) () Mostly
b) () Seldom

d) () Any other (Please Specify): ________________________________

33) Indicate, how successful are you in getting information through the Library and Information Workers?

a) () Mostly
b) () Seldom

d) () Any other (Please Specify): ________________________________

34) If you have used the Library/Information Center for gathering and using of information, Is it because of:

a) () Easily Accessible
b) () Convenient Working Hours
c) () Good Information Resources
d) () Latest Information
e) () Has What was Needed/Wanted
f) () Happened to Find Information their
g) () Information Not Available Elsewhere
h) () Well Organised and Maintained
i) () Computerised Service
j) () CD-ROM Database Facility
k) () Inter-Library Loan Facility
l) () Bibliographical Service
m) () Photocopying Facility
n) () Telephone Assistance
o) () Friendly/Helpful Library Staff
35) For what purpose did you use the Library?

a) ( ) Reading Textbooks
b) ( ) Reading Monographs
c) ( ) Refer Journal Articles
d) ( ) Compile a list of Reading Materials
e) ( ) Consult Printed Indexes/Abstracts
f) ( ) Use Reference Sources
g) ( ) To Compile Bibliographies
h) ( ) Use Computerized Facilities
i) ( ) Use CD-ROM Database Facilities
j) ( ) Use Audio-Visual Materials
k) ( ) Photocopying of Materials for Personal Use
l) ( ) To Get Materials on Inter-Library Loan
m) ( ) Use Materials already Known
n) ( ) Consult Library Staff or Learning Information Skills for gathering and use of information
o) ( ) Any Other (PI Specify): ----------------------------------------

36) If you are not using the Library for Gathering and Use of Information, Is it because of:

a) ( ) Lack of Time
b) ( ) Inconvenient Location
c) ( ) Inconvenient Working Hours
d) ( ) Collection not Up-to-date
e) ( ) Collection not relevant
f) ( ) Poor Information Resources
g) ( ) Knew Couldn’t find what was needed
h) ( ) Frequently doesn’t own What I need/want
i) ( ) Poor Organization and Maintenance
j) ( ) Lack of Computerized Services
k) ( ) Lack of CD-ROM Databases
l) ( ) Lack of Reprographic Services
m) ( ) Traditional Services
n) ( ) Unfriendly Staff
o) ( ) No Need of a Library
p) ( ) Not Aware
q) ( ) Didn’t Occur to me
r) ( ) Any Other (PI Specify): ----------------------------------------

37) Do you use the Library Catalogue for gathering of information required by you?

( ) Yes ( ) No

38) If ‘Yes’, Do you approach the library Catalogue by:

a) ( ) Author b) ( ) Title c) ( ) Subject d) ( ) All of them

39) How far the Library Catalogue is useful in gathering of information?

<table>
<thead>
<tr>
<th>Very Useful</th>
<th>Moderately Useful</th>
<th>Not Useful</th>
</tr>
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<tbody>
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</table>

a) Author Catalogue
Are you aware of the following Information/Documentation Centers in India?

Yes  No

a) National Medical Library, New Delhi
b) National Informatics Center, New Delhi
c) Indian National Scientific Documentation Center

If 'Yes' to Q. No 40, Have you any time used the facilities/services provided by them

Yes  No

a) National Medical Library, New Delhi
b) National Informatics Center, New Delhi
c) Indian National Scientific Documentation Center

If 'Yes' to Q. No. 41 (a), how far the services of National Medical Library, New Delhi are useful in gathering and use of information required by you?

Very Useful  Moderately Useful  Not Useful

a) Reprographic Service
b) Referral Service
c) Inter-Library Loan
d) MEDLINE Search Service
e) Current Awareness Service

If 'Yes' to Q. No. 41 (b), how far the services of National Informatics Center, New Delhi are useful in gathering and use of information required by you?

Very Useful  Moderately Useful  Not Useful

a) Indian MEDLARS On-line Database Search Service
b) Bibliography Compilation
c) NICNET Facility
d) E-Mail Service

If 'Yes' to Q. No. 41 (c), how far the services of INSDOC New Delhi are useful in gathering and use of information required by you?

Very Useful  Moderately Useful  Not Useful

a) Document Copy Supply Service
b) Bibliographical Service
c) Reprographic Service
d) Translation Service
e) Audio-Visual Service
f) On-Line Search Service
g) Abstracting Service

What are the difficulties you have faced in gathering and use of information?

a) ( ) Lack of Time
b) ( ) Lack of Access to all the information
c) Lack of Suitable Abstracting Services
d) Lack of Suitable Indexing Services
e) Locating the Suitable Sources
f) Unfamiliarity with Information Sources
g) Lack of Specialized Training in Literature Search Technique
h) Lack of Training/ Orientation in Using Indexes, Library and Information Retrieval tools
i) Lack of Training in Reading Skills
j) Lack of Computerized Services
k) Lack of CD-ROM Databases
l) Too Much of Information
m) Lack of Co-operation/ Assistance by the Library Personnel
n) Lack of Subject Knowledge among the Library Staff
o) Lack of Technical Expertise among the Library Staff
p) Lack of Professional Training among the Library Staff
q) Ignorance of Information
r) Any Other (Pl Specify):

46) Does your Library/Information Center have undertaken User Education Program in gathering and use of information?
( ) Yes ( ) No

47) If 'Yes', mention:
   i) Level
      a) Undergraduate
      b) Postgraduate
      c) Faculty
   ii) Frequency
      a) Once in a Year
      b) Twice in a Year
      c) Any Other (Pl Specify):

48) If 'No', do you think User Education Program is necessary to get acquainted with the gathering and use of information in your field?
( ) Yes ( ) No

49) Please give your suggestions to promote the gathering and use of information in your field

Place: ________________________________
Signature of the Respondent

Date: ________________________________