APPENDIX – A

QUESTIONNAIRE
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QUESTIONNAIRE

INFORMATION NEEDS OF ENGINEERING SCIENTISTS WITH SPECIFIC REFERENCE TO ENGINEERING RESEARCH GROUP OF LABORATORIES OF COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

PART-A

A.1. NAME
A.2. AGE
A.3. INSTITUTION
A.4. DESIGNATION
A.5. AREA (S) OF SPECIALISATION/SPECIFIC FIELD (S) OF RESEARCH

A.6. ACADEMIC QUALIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>Degree</th>
<th>University</th>
<th>Year</th>
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<tbody>
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<td>a)</td>
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<td>c)</td>
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A.7. RESEARCH WORK DETAILS

A.8. HOW OFTEN DO YOU PARTICIPATE IN SEMINAR, SYMPOSIA, CONFERENCES

|   | 
|---|---
| a) Once in 3 months | b) Once in 6 months |
| c) Once in year | d) Once in 2 years |
| e) Once in 3 years | f) Not at all |

A.9. LEARNED SOCIETIES/PROFESSIONAL BODIES OF WHICH YOU ARE A MEMBER

a)
b)c)
d)

A.10. LANGUAGE ABILITY
- Translate from
- Reading / Understanding
- Speaking
A.11. EXPERIENCE (Number of Years)
- R&D
- Management/ Administrative
- Testing
- Consultancy
- Research Guidance
- Exploratory
- Design & Development
- Teaching

A.12. NATURE OF PRESENT JOB
- Basic Research
- Applied Research
- Development Research
- Analysis
- Consultancy
- Others (Please Specify)

A.13. INFORMATION ABOUT YOUR VISITS ABROAD AND PUBLICATIONS

a) Visits abroad:

<table>
<thead>
<tr>
<th>Country</th>
<th>Title of Fellowship/Purpose</th>
<th>Duration</th>
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</table>

b) No. of papers published:

|-----------------|------------------|-------------|-------------|

A.14. DO YOU CONTRIBUTE ANY SHORT COMMUNICATION, LETTERS, ARTICLES TO JOURNALS WHEN YOUR RESEARCH WORKS IS STILL IN PROGRESS

-Yes -No

If Yes, Do You Prefer Publishing Your Work In
a) Foreign Journals
b) Indian Journals

If, Yes To ‘a’ Reasons For Publishing In Foreign Journals
a) Prestige/recognition
b) Better standard
c) Wider circulation
d) Timely publication
e) Better coverage in Abstracting & Indexing Journals
f) Any other reason (Pl. specify)
PART-B

B.1. MENTION YOUR CURRENT SUBJECT (S) OF INTEREST

B.2. DESCRIBE YOUR INFORMATIONAL REQUIREMENTS IN SOME CONCRETE WORDS

B.3. WHAT TYPE OF INFORMATION DO YOU NEED IN YOUR WORK
- Research Information
- Patents
- Standards
- Specifications
- Techno-Economic Data
- Design Data
- Statistical Information
- Production Processes
- Others (Please Specify)

B.4. WHERE DO YOU LOCATE YOUR INFORMATION AND HOW OFTEN DO YOU MAKE USE OF THEM (Please Use 'F'=Frequently; 'O'=Occasionally; 'H'=Hardly Ever)
- Textbooks/ Monographs
- Handbooks
- Patents
- Manuals
- Standards
- Specifications
- Statistical Tables
- Technical Dictionaries
- Year Books
- Datasheets
- Current Journals
- Abstracting & Indexing Journals
- Conference Proceedings
- Reports
- Trade Periodicals
- Any Other Source (Please Specify)

B.5. HOW DO YOU KEEP YOUR KNOWLEDGE UP-TO-DATE
- Institute's Current Awareness Services
- Scanning Latest Periodicals In The Library
- Discussions
- Conferences/Seminar/Symposia/Workshop
- Correspondence
- Name Any Other
B.6. HAVE YOU USED ANY OF THE FOLLOWING GUIDES DURING THE LAST ONE YEAR IN CONNECTION WITH YOUR RESEARCH
- References to bibliographies in books and periodicals
- Book reviews
- Specialist bibliographies
- Abstracting & Indexing Journals
- Library catalogs
- Reading lists, bibliographies produced by library staff

B.7. WHEN DID YOU LAST REQUIRE EXHAUSTIVE SCIENTIFIC INFORMATION ON A TOPIC
- Within The Last Week
- With The Last Month
- Within The Last Year

B.8. HOW MANY SCIENTIFIC OR TECHNICAL AND TRADE PERIODICALS ALSO YOU SEE REGULARLY
- Less Than 5
- 5 to 10
- More Than 10

B.9. HOW MANY JOURNALS DEVOTED ENTIRELY TO ABSTRACTING & INDEXING DO YOU LOOK AT REGULARLY
- None
- One To Three
- More Than Three

B.10. PLEASE RATE THE FOLLOWING SOURCES ACCORDING TO THEIR USEFUL TO YOU IN YOUR CURRENT RESEARCH (Very Useful/Don't Know /Not Useful)
- Journals
- Books
- Abstracting & Indexing
- Conf. Proceedings
- Research Reports
- Reference Books
- Monographs
- Patents
- Manuals
- Standards & Specifications
- Govt. Publications
- Trade Directories
- Official data & Statistical Information
- Others (Pl. Specify)
B.11. PLEASE LIST THOSE ABSTRACTING & INDEXING JOURNALS WHICH COME MOST READILY TO YOUR MIND

1. 
2. 
3. 
4. 

B.12. PLEASE LIST THOSE JOURNALS WHICH COME MOST READILY TO YOUR MIND

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Title (Indian)</th>
<th>Sl. No.</th>
<th>Title (Foreign)</th>
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B.13. HOW MAY HOURS YOU SPEND FOR YOUR RESEARCH WORK IN A TYPICAL WEEK

Time spent in the laboratories ———— hours
Number of hours spent on professional reading at home ———— hours

B.14. WHEN FACED WITH SOME PROBLEMS IN YOUR RESEARCH WORK, WHOM DO YOU NORMALLY TURN TO, FOR INFORMATION

a) Colleagues in the Institution
b) Colleagues in the field
c) Consult Library staff

B.15. HAVE YOU EVER RECEIVED ANY FORMAL TRAINING IN HOW TO SEARCH FOR SCIENTIFIC INFORMATION

- Yes
- No

Do You Think That Such A Training Would Have Been / Was Useful:
- Yes
- No

B.16. WHAT PROPORTION OF ARTICLES IN THE SCIENTIFIC AND TECHNICAL JOURNALS WHICH YOU READ OR SCAN ARE OF VALUE TO YOU

- Of Slight Value
- Very Valuable
B.17. REGARDING BOOKS DO YOU CONSIDER THAT THEY ARE ADEQUATE FOR ENABLING YOU TO FULLFIL YOUR PRESENT FUNCTION
- Yes
- No

B.18. HOW MANY JOURNALS DEVOTED ENTIRELY TO ABSTRACTING OR INDEXING DO YOU LOOK AT REGULARLY
- None
- One To Three
- More Than Three

B.19. IS THERE A PARTICULAR FIELD IN WHICH YOU THINK A STATE-OF-THE-ART REPORT/ TREND REPORT/ REVIEW JOURNAL SHOULD BE PUBLISHED
- Yes
- No
If Yes, Please Give Details:

B.20. HOW OFTEN DO YOU LOCATE A REFERENCE TO A PAPER IN A FOREIGN LANGUAGE WHICH YOU HAVE REASON TO BELIEVE IS POTENTIAL VALUABLE AND WHICH YOU NEVER READ BECAUSE OF THE LANGUAGE BARRIER
- Once Per Month
- Once Per Year
- Hardly Ever

B.21. DO YOU HAVE ACQUINTANCE WITH ONLINE/CDROM DATABASES LIKE
- CAS (Chemical Abstracts Service)
- COMPENDEX (Engineering Index)
- NASA (National Aerospace Agency)
- NTIS (National Technical Information Service)
- METADEX (Metals Abstracts)
- Dissertation Abstracts International
- Others (Please Specify)

PART-C

C.1. DO YOU USE THE LIBRARY FOR
- Consultation of Books
- Consultation of Journals
- Consulting reference materials
- Consulting Specifications, Standards, Manuals
- Others (Pl. Specify)
C.2. DO YOU USE CATALOG IN THE LIBRARY TO LOCATE AN ITEM OF INTEREST FOR YOUR RESEARCH
- Yes
- No

C.3. DO YOU CONSULT YOUR LIBRARY STAFF IN LOCATING THE DOCUMENT YOU WANT
- Yes
- No

C.4. ARE YOU SATISFIED WITH THE COLLECTIONK OF YOUR LIBRARY
- Completely
- 75%
- 50%
- 25%
- Not At All

C.5. IS YOUR LIBRARY MEETS YOUR INFORMATIONAL REQUIREMENTS TIMELY
- Yes
- No

C.6. HAVE THERE BEEN OCCASIONS WHEN YOUR WORK WAS HELD UP DUE TO LACK OF ADEQUATE INFORMATION
- Yes
- No

C.7. IS YOUR LIBRARY PROVIDES ANY OF THESE SERVICES (YES OR NO)

<table>
<thead>
<tr>
<th>Service</th>
<th>Y</th>
<th>N</th>
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<tbody>
<tr>
<td>Reference Service</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Literature Search</td>
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<td>N</td>
</tr>
<tr>
<td>Current Titles</td>
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<td>N</td>
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<tr>
<td>Research In Progress</td>
<td>Y</td>
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<td>SDI Service</td>
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<td>N</td>
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<tr>
<td>Abstracting Service</td>
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<td>Critical Reviews</td>
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<td>Reprography Service</td>
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<tr>
<td>Others (Please Specify)</td>
<td>Y</td>
<td>N</td>
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</tbody>
</table>
C.8. DO YOU NEED INFORMATION SUPPORT IN PURSUIT OF YOUR RESEARCH WORK
- Yes
- No

If Yes, Please Specify The Type Of Service You Wish
- Indexing service (Title announcement of current periodicals)
- Abstracting service
- Patent literature
- Statistical data services
- Retrospective literatures searches
- Others (Pl. Specify)

C.9. ARE YOU SATISFIED WITH THE PRESENT LIBRARY/INFORMATION SERVICES OFFERED BY YOUR LIBRARY
- Yes
- No

IF No, Do You Think, The Work/Services Of Your Library Would Improve, If:
- Better Qualified Staff Is Available
- More Experience And Trained Staff Is Available
- More Mechanical Aids Are Used
- Any Other

C.10. DO YOU THINK THE PRESENT STAFF POSITION IN YOUR LIBRARY IS SUFFICIENT
- Yes
- No

C.11. DO YOU HAVE KNOWLEDGE ABOUT INFORMATION SERVICES OF THESE ORGANISATION
- INSDOC, New Delhi
- NISSAT, DST, New Delhi
- NIC New Delhi
- Patent Information System, New Delhi
- BLLD, U.K.
- NTIS, USA
- UMI, USA
- Material Information, USA
- COMPENDEX, USA
- METADEX
- CAS, USA
- DIALOG
- STN
- ANY OTHER
C.12. DO YOU VISIT ANY OF THE FOLLOWING LIBRARIES FOR YOUR INFORMATION NEEDS
- American Center Library of your region
- British Council Library of your region
- National Library, Calcutta
- National Science Library, New Delhi
- University Library (Pl. Specify)
- IIT, Library (Pl. Specify)
- Any other library attached to a research institute (Pl. Specify)

C.13. DO YOU DISCUSS YOUR RESEARCH PROBLEM WITH SCHOLARS IN YOUR FIELD FROM INSTITUTIONS OTHER THAN YOUR OWN
- Yes
- No

C.14. DO YOU ADDRESS LETTERS TO THE PEERS IN YOUR SUBJECT AREA (BOTH IN INDIA AND ABROAD) TO SEEK THEIR GUIDANCE IN YOUR WORK
- Yes
- No
If Yes, How Do You Find Their Suggestion

<table>
<thead>
<tr>
<th></th>
<th>Very Useful</th>
<th>Useful</th>
<th>No reply</th>
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<tbody>
<tr>
<td>Indian Peers</td>
<td></td>
<td></td>
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<tr>
<td>Foreign Peers</td>
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C.15. DO YOU WRITE TO AUTHORS FOR OFF-PRINTS OF PAPERS USEFUL FOR YOUR RESEARCH WORK
- Yes
- No
If Yes, How Many Preprints Have You Secured In The Last Year

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<th>---5</th>
<th>---10</th>
<th>---15</th>
<th>---20</th>
<th>---25</th>
<th>More Than 25</th>
</tr>
</thead>
</table>

C.16. IS YOUR LIBRARY COMPUTERISED?
- Yes
- No
If Not, Do You Prefer Modernisation In Your Library, Like

- Creation Of Your Library's Database
- Serials Control
- Mechanisation Of Circulation Desk
- Use Of On-Line Information Retrieval Services For
- Literature Search
- Networking Of Engineering Group Of Labs. Of CSIR
- Any Other

C.17. IS YOUR LIBRARY HAS A ACCESS TO ONLINE DATABASES/CD-ROM DATABASES
- Yes
- No

If not, Do You prefer to have the access to these database
- Yes
- No

C.18. IS YOUR LIBRARY HAS INTERNET CONNECTIVITY?
- Yes
- No

If not do you prefer to have the INTERNET
- Yes
- No

C.19. ANY OTHER SUGGESTION/ REMARKS

PLACE: SIGNATURE:  
DATE: DESIGNATION:

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