From:

T.N.PRAKASH
Senior Librarian,
National Aeronautical Laboratory,
Bangalore-560017.

Dear Readers,

I am pleased to inform that as a partial fulfilment of my Master's Degree course in Library Science of Bangalore University, I have undertaken a short term survey project on the "INFORMATION NEEDS AND REQUIREMENTS OF SCIENTISTS AND ENGINEERS IN NATIONAL AERONAUTICAL LABORATORY, BANGALORE". The objective of this research is to find out the following:

1. The information gathering habits of scientists and engineers of NAL.
2. The various channels through which information is acquired by them.
3. The extent to which documentary sources of information are used.
4. The extent to which their information needs are actually met by NAL Library and Information Centre.

In order to elicit your opinion on these issues, a questionnaire has been prepared by me, as enclosed. Most of the questions asked are having fixed alternatives and some of the questions are open-ended. Kindly go through the questionnaire carefully and state your opinions objectively, freely and without any inhibitions. Your answers will be used only for research purposes and in strict confidence.

I solicit your co-operation in answering and returning the same to me at the earliest.

Thanking you,

Yours faithfully,

(T.N. PRAKASH)
LIBRARY

To: Dr./Shrl./Smt.........
# INFORMATION NEEDS AND REQUIREMENTS OF SCIENTISTS AND ENGINEERS IN NATIONAL AERONAUTICAL LABORATORY (NAL)

**BANGALORE -560017.**

**QUESTIONNAIRE**

Data of the Respondents:

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<td>1.</td>
<td>Names</td>
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<td>2.</td>
<td>Designations</td>
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<td>3.</td>
<td>Division/Sections</td>
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<td>4.</td>
<td>Specialization (Discipline)</td>
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<td>5.</td>
<td>Years of experience in Research work</td>
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1. How much time you have at your disposal apart from laboratory work to consult information sources. (Please tick against the appropriate alternative).

- □ 1-2 hours
- □ 2-3 hours
- □ 3-4 hours
- □ Any other please specify.

2. Are you a member of NAL Library,
- □ YES
- □ NO
If "YES" since how long you are a member?

3. How often do you visit NAL Library.
- □ Daily
- □ Weekly
- □ Fortnightly
- □ Monthly
- □ Occasionally

4. Do you consider the Library as a centre for supporting your research work?
- □ YES
- □ NO
3. Are you a member of any professional organisations?

- YES
- NO

If "YES" please mention:

1.
2.
3.

6. Please state the Foreign languages you know.

1.
2.
3.

7. What are your need for information?

- I need information:
  - For my day to day work.
  - To keep myself abreast of current developments in my field.
  - As background information for preparing papers, lectures, thesis etc.
  - Any other purpose (Please specify).

8. How do you gather information you need.

- By consulting colleagues in the field.
- By attending conferences, seminars, symposia etc.
- By visiting exhibitions.
- Through industrial companies and their sales personnel.
- By being a member of learned societies/associations.
- By consulting books/journals etc. in the library.
- By other means (please specify).
9. What kind of documentary information resources you need for your research work? (Indicate in order of preference).

<table>
<thead>
<tr>
<th>Preference</th>
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<tbody>
<tr>
<td>Books</td>
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<tr>
<td>Reports</td>
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<tr>
<td>Periodicals</td>
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<tr>
<td>Abstracts/Indexes</td>
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<td>Patents</td>
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<td>Standards/Specifications</td>
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<tr>
<td>Thesis/Dissertations</td>
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<tr>
<td>Conference proceedings</td>
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<tr>
<td>Reviews</td>
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<tr>
<td>Bibliographies</td>
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<tr>
<td>Newspapers/Films/T.V.</td>
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<td>Unpublished data</td>
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<tr>
<td>Any other please specify</td>
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</tbody>
</table>

10. How do you consult the above said information resources?

- By yourself
- By seeking assistance of library staff
- By consulting the catalogue
- With the help of guides and charts
- Through telephone talk with library personnel
- Any other please specify

11. Do you feel the NAL Library collection is sufficient for your research work?

- (a) Sufficient
- (b) Partially sufficient
- (c) Insufficient

12. If your answer is " b & c " state the deficiency in the library collection.
13. How do you approach your information requirements in case the information is not available in NAL Library.

- By personal visit to other libraries.
- By contacting concerned organisations.
- Through Inter-library-loan.
- Through personal contact with other scientists.
- By attending conferences/symposia etc.
- By enrolling as a member of the learned research Institutions in India and outside.
- Self purchasing
- Any other please specify.

14. Do you suggest new books, reports, periodicals etc., to the library?

- YES
- NO

If "YES" how do you suggest?

- By consulting publishers catalogues.
- By consulting journals.
- By consulting bibliographies.
- By visiting book shops.
- By visiting other libraries.
- Any other please specify.

15. Please give a list of journals you are regularly consulting for your research work.
   1.
   2.
   3.
   4.
   5.

16. Are you subscribing journals personally?

- YES
- NO
17. Please indicate your preference in journals and reports from the point of view of their coverage by marking "1" for most preferred.

□ Regional
□ National
□ International

18. Do you use microforms?

□ YES
□ NO

If "NO" please give reasons:

19. Do you find current journals and other resources in the library in time.

□ YES
□ NO

20. Are you familiar with the publications of NAL Library?

□ YES
□ NO

21. Do the publications of NAL Library are useful for your research work?

□ YES
□ NO

If "YES" which of the following publications do you refer?

□ Recent Book Additions.
□ Current Scientific and Technical Reports.
□ Recent Microfiche Additions.
□ Current Periodicals List.
□ Catalogue of periodicals holdings.
□ Translations announcements.
□ Bibliographies on various subjects.
□ Special Publications.
□ Any other please specify:
22. Are you satisfied with the following services rendered by the NAL Library?

1. Compilation of Bibliographies.
   - YES
   - NO
2. Translation Service.
   - YES
   - NO
3. Reprographic service (Xerox).
   - YES
   - NO
4. Project Oriented Documentation Service.
   - YES
   - NO
5. General Reference Service.
   - YES
   - NO
   - YES
   - NO
7. Computer based information searches.
   - YES
   - NO
8. Inter-Library-Loan.
   - YES
   - NO
   - YES
   - NO
10. Any other please specify:

   If your answer is "NO" to any of the above please elucidate:

23. Do you recommend computerisation of library activities and setting up of ON LINE INFORMATION SYSTEM in our library?

   - YES
   - NO
24. Do you think frequent user orientation programme is required to know library resources and services for making optimum use of the library?

- YES
- NO

25. Please specify your opinion regarding user orientation programme.

26. What are your general opinion about the existing library facilities?

1. Furniture and equipment.

- Excellent
- Good
- Unsatisfactory

2. Arrangement of books, reports, journals etc.,

- Excellent
- Good
- Unsatisfactory

3. Cleanliness

- Excellent
- Good
- Unsatisfactory

4. Helpfulness of library staff

- Excellent
- Good
- Unsatisfactory

5. Any other please specify

27. Please give your comments, ideas suggestions with reference to the topic of the research.