Chapter 3
Methodology
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METHODOLOGY

This chapter deals with the methodology used in the study and has been discussed under the following headings:

- Selection of the problem
- Tools used for the data collection
- Size and sample of the population
- Variable taken
- Pilot survey
- Data collection procedure
- Data analysis method

SELECTION OF THE PROBLEM

The problem for the present study is entitled "Electronic publishing in Delhi: A case study of NISCAIR publication".

TOOL USED FOR THE STUDY

There are several techniques available for collecting data for the user studies such as questionnaire method, personal interview, telephonic interview and observation. For this study the investigator used questionnaire and informal interview for the collection of data.

Questionnaire is a tool to collect data from diverse large and widely scattered population groups. In this study two questionnaires are prepared, one for the librarian and another one for the users of NISCAIR. Each questionnaire consists of a number of questions (chief librarian 18 questions, users 18 questions) printed in a definite order on a form. Questionnaire is administered to the person concerned with a request to answer the question and return the questionnaire. Respondents have to answer the questions on their own.

Interview method is unique for the collection of data through direct verbal interaction between the individuals. In this method investigator asks some
questions to the librarians and users of NISCAIR relating to its e publishing products and services.

**SAMPLE POPULATION**

The present study is conducted on a sample of 50 users of NISCAIR, Delhi. The total questionnaires were administered among the users. A total 54 questionnaires were returned back from the users (response rate 84%). Thus, the investigator selected only 50 complete and filled questionnaires for the analysis of data. (The final response rate is 77%)

**VARIABLE TAKEN**

In order to achieve the objective of the study mainly two variable are taken for detailed analysis

- Chief librarian
- Users.

**PILOT SURVEY**

The pilot study ensures the present questionnaire is relevant and meaningful to the average respondents and to decide which questions were relevant for the purpose of the study. The investigator distributed questionnaire among 15 users for the pilot study, which was very helpful in modifying the questionnaire suitably.

**DATA COLLECTION PROCEDURE**

The investigator visited at the National science library, Delhi and approached the Chief librarian for seeking permission to distribute the questionnaire to the users and herself. With the permission of the librarian the investigator administered questionnaire to the users of NISCAIR and collected back. Beside the questionnaire, an informal interview with librarian also conducted.

**DATA ANALYSIS METHOD**

The data collected through questionnaire and an informal interview are organized and tabulated by using statistical methods and percentage.