Chapter 4
Research Methodology
RESEARCH METHODOLOGY

This chapter deals with aims, objectives and the methodology used in the study and has been discussed under the following headings.

❖ Statement of the problems.

❖ Scope and limitations.

❖ Aims and objectives of the study.

❖ Hypotheses.

❖ Methodology.
  • Sample population
  • Variable taken
  • Data collection procedure
  • Data analysis method.

STATEMENT OF THE PROBLEM

The problem for the present study is entitled "Information seeking behaviour of P.G. students in faculty of law and Z.H. Engineering & Technology college at A.M.U: A comparative study.

SCOPE AND LIMITATION

The scope of the study confines to analyses the Information requirement of the P.G. Students of Faculty of law and Z.H. Engineering & Technology college in A.M.U.
Information seeking behaviour is defined to include aspects like motives and purpose of information of seeking, the national type of information sought, and the mode and means to access, search, identify and require information and use of their own as well as other libraries.

AIMS AND OBJECTIVES OF THE STUDY

➢ To find out the frequency of visit of the library by the P.G. students of Faculty of law and Z.H Engineering & Technology College.

➢ To know the purpose of visiting the library.

➢ To know about the sources used in order to fulfil the information requirements of search scholar.

➢ To know about the use of online database and CDROM database by the P.G. students.

➢ To know that their library is subscribing subject related journal.

➢ To find out the awareness of users regarding the various services provided by the library.

➢ To find out how frequently the users using internet sources.

➢ To study the use of electronic resources by the users.

➢ To know the purpose and utilization of electronic resources by the research scholars.

➢ To understand the information satisfaction level of the clientele
➢ To know preference of locating literature print/non print.

HYPOTHESIS

• Most of the P.G. Students of faculty of Law and Z.H. Engineering & Technology College visit the library when they need for consulting and issuing books, journals and reference documents, so as to update themselves.

• All the students are seeking information through Internet.

• Most of the students used Google as the most preferred search engine to get relevant information.

• Most of the students facing problems due to lack of time and inadequate library sources.

• All the students prefer print document for locating literature in their field.

• Most of the students believe that Information seeking is time consuming.

METHODOLOGY

Methodology has its own importance in scientific investigation in scientific investigation because objectivity in any research investigation cannot be obtained unless it is carried out in a very systematic and land manner scientific investigation involves careful and proper adoption of research design, use of standardised tools and tests, identify adequate
sample by using appropriate sampling techniques, sound procedures for collecting data and then after careful tabulation of the use and appropriate statistical techniques for analysing the data. This study used questionnaire method.

**Questionnaire Method**

Questionnaire is a formal list of questions, especially as used in an official enquiry. Questionnaire is constructed translating the aims and objectives of the survey study. This is a major and popular instrument of the survey studies. This method of data collection is quite popular particularly in case of big enquires. It is called heart of survey operation. The questions are formed in such a way that the relation of one question to another can be readily apparent to the respondent, question sequence must be clear and answer can be given by checking Yes or No or by selecting answer provided in the question.

**Questions are of two types**

**Open questionnaire:** In this type of questionnaire, no answer is given against question. Respondent supply the answer in his/her own words.

**Closed questionnaire:** In this type of questionnaire answer is given against the question, the respondent has to select the alternate answer written against question, so the work of the respondents is to tell on the right answer.
Sample population

Sampling may be defined as the selection of some part of an aggregate or totality on the basis of which a judgement or inference about the aggregate or totality is made.

Thus sampling is a small portion of population selected for observation on the appropriate sample, it is possible to draw reliable inference or make generalisation on the population as a whole from where the sample is drawn.

The collection of data from the entire population of post-graduate students of Engineering & Technology and faculty of Law is not so large. Therefore, the total number of questionnaire distributed.

Variable Taken

In this study the objective of the study is to get the meaningful conclusion, variables are taken for detailed analysis.

Data collection procedure

The data collection procedure for the present study is the questionnaire method and sampling method was conducted personally. The questionnaires were distributed to the P.G. students of Z.H. Engineering & Technology College and Faculty of Law and filled questionnaires were collected.
Data analysis method

The Data collected through questionnaire and sampling method are organised and tabulated by using statistical methods, tables and percentages.