RESEARCH METHODOLOGY

This chapter is dedicated to the research methodology, which involve the following topics. The term ‘methodology’ in broad sense refers to the processes, principles and procedures by which the researchers approach problems and seek answers. In social research, the term applies to how one conducts research. As in everything else the researchers do, their assumptions, interest, and goals greatly influence the methodological procedures they choose. (Clason, D. L et. al. 1994).

Methods are ways in which the researchers:

i) Approach problems;
ii) Conduct research;
iii) Assumption, interests, theories, and goals are intimately to which the researcher choose;
iv) Debate over methods is really debates over theory and assumptions.

Questionnaire based survey as well as the case study approach has been employed in the said study. As the concept of computerization in Pharmacy College libraries is new to the library and information field, their applications have been studied in other fields through literature search. The present status of pharmacy College libraries in India has been reviewed through a literature search. For the study of pharmacy College Libraries of Gujarat, the data was collected through the surveys based on questionnaire, interviews, case studied. In-depth literature search on topics related to the research work was carried out in the libraries of Gujarat. Internet and CD-ROM database were other sources for the literature search. Beside, collection of the data through questionnaire based case studied and structured interview, as slated above, have been also followed (Goode, W. J. et al., 1952, Gyu, R.F. et al. 1987).

The core objective of this research study is to design and plan a collection development and management, and computerization of pharmacy college’s libraries of north and some part of central Gujarat. The present state of application of automation of library has been studied based on literature. (Riggs, Donald. E. 1991).


The researcher will formulated the research design under following Criteria.
Statement of Problem: “A Study of Collection Development and Management and Computerization of Pharmacy College Libraries located In the central and North Gujarat Region”

Hypothesis and Testing: Above hypothesis will be tested with several statistical testing methods like F Test, T Test, and CHI Test etc.

Objectives: Objectives of the research have defined by the researcher as mentioned earlier.

Kind of Resources of Gathering Data: Two kinds of data will be gathered using several tools.

Primary Data: The data regarding library & information center will be collected for this proposes and structured questionnaire will be issued to the library personnel. Interview and personal visit also will be plan.

Secondary Data: The data will be collected using institutional report, publications and from literature search.

Analysis and interpretation of Data: Analysis of the data will be done by Statistical Method and Measurement. Interpretation will be based on the analysis of data. Several parameters for this work will be used