



CHAPTER-III
METHODOLOGY

CHAPTER III

METHODOLOGY

3.0 INTRODUCTION

This section deals with the presentation of all the methods, implemented to gather data and how the actual research work has been done. In this chapter, the methodology steps such as selection of the sample, design of the study, administration of the tool and statistical techniques used for analysis have been discussed. On the basis of research findings, certain generalization can be made, which will provide insights towards the study **A STUDY OF IMPACT OF MOBILE PHONES ON STUDIES OF SECONDARY LEVEL STUDENTS**. This chapter deals with the methodology to achieve the objectives of the study mentioned in the previous chapter.

According to **Claire Selltiz** and others (1962), a research design is the arrangement of conditions for collection and analysis of data in a manner that aims to combine relevance to the research purpose with the economy in procedure. The quality of research depends not only on the adequacy of the research design, but also on the fruitfulness of the measurement procedure employed. Thus, procedure of the study or the methodology is of prime importance in analyzing any research problem in a scientific manner.

The procedure of the research followed by the researcher has been classified into the following heads:

1. Method of study
2. Population
3. Sample and its selection
4. Development of tools
5. Administration of tools
6. Scoring Pattern of the tools
7. Statistical Techniques used for analysing the data

3.1 POPULATION

Population of the study is XII class students of Model H.S. School and Kendriya Vidyalaya 1 of Bhopal District

3.1.1 Sample

Simple random sampling technique is used in the selection of sample. Total sample of 60 school students of XIIth class of two schools (Model H.S. School and Kendriya Vidyalaya) of Bhopal District were drawn. Details of sample are given below:

S.no.	Name of School	Boys	Girls	Total
1	Model H.S. School	15	15	30
2	Kendriya Vidyalaya I	15	15	30

3.2 TOOLS

Research tools used for the data collection largely influences nature of findings. Keeping the importance of tool in research, researcher used self – constructed tool in the study. Researcher developed and used tool i.e. questionnaire contained 50 items on Impact of Mobile Phone with multiple choices to assess the effects on respondents. It consisted of instructions directing the student to tick one option.

3.3 PROCEDURE FOR DATA COLLECTION

Researcher in person has gone to two schools of district Bhopal and handed over the tool-questionnaire to students and asked to fill the tool. After the questionnaire was duly filled by students researchers collected the tools.

3.4 Statistical Procedure

Researcher used simple percentage method to analysis and interprets the data.