

**CHAPTER-III**  
**RESEARCH**  
**METHODOLOGY**

### **3.1 Introduction**

Research methodology is a way to systematically solve the research problem. It may be understood as a science of studying how research is done scientifically. In it we study various steps that are generally adopted by the researcher in studying his research problem along with the logic behind them. It is necessary for the researcher to know not only the research techniques but also the methodology. Researchers not only need to know how to develop certain tests, how to calculate central tendencies i.e., mean, mode, median or standard deviation, and how to apply particular research techniques but they also need to know which of these methods and techniques are relevant and what would they mean, indicate, and why. This chapter deals with the methodology employed to achieve the objectives of the study mentioned in Chapter I. Keeping in view the nature and objectives of the study appropriate sample was selected and tools were developed. This chapter deals with variables, research design, sample, tools used, data collection, and statistics used.

### **3.2 Variables under Study**

A variable is a property that takes on different values. It is something that varies. The nature of the variable i.e., dependent or independent is based on the statistical treatment given by the investigator in a particular study. According to Borg and Gall (1983) "A variable can be thought of as a qualitative expression of construct, variable usually take the form of scores on measuring instrument.

In the present study variables are as follows:

Independent variable: -gender- male and female

Dependent variable: - Job satisfaction

### **3.3 Research Design**

No planning of educational research can be completed without the detailed design of the research. Design is considered the heart and soul of the research. Clear visualization of the methodological step is an important need for the successful completion of the work.

Research design is the plan. The structure and strategy of the investigation were conceived so as to obtain answers to research questions and the variable undertaken in the study.

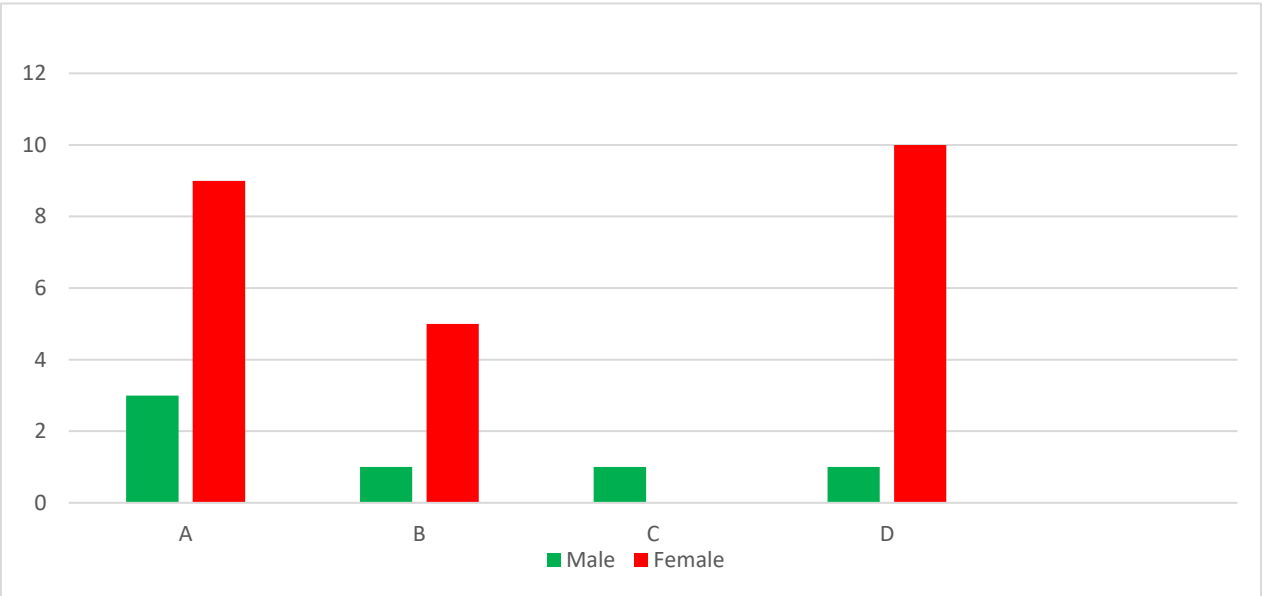
The present study follows the descriptive survey type research as the present investigation is totally based on the views of teachers in terms of their job satisfaction. The information is obtained from different teachers in the form of a questionnaire and on the basis of information collected, appropriate statistics are used to establish the relationship between the variables.

### **3.4 Sample of Study**

The sample considered of 30 teachers working in different special schools in Bhopal city. Total number of schools were kept in view the objectives, research questions, and numbers sample of the present study. Investigator found a purposive sampling technique suitable for data collection. The number of the schools and number of teachers selected as a sample for the study are in Table 3.4.1 details of the sample selected for the study. Name of the schools are kept confidential.

S.N.	Name of school	Male	Female	Total no. of teachers
1	A	3	9	12
2	B	1	5	6
3	C	1	0	1
4	D	1	10	11
	<b>Total</b>	5	24	30

**Table 3.4.1**



**Fig.1.** Number of Teachers in Schools

### 3.5 Tools Used for Data Collection

After the sample has been chosen, the next task of the research is to choose the appropriate tool for data collection. The tool has been used in the study is a researcher-made job satisfaction scale. The standardized job satisfaction scale for general teachers was studied for teachers working in special schools with the help of a teacher job satisfaction questionnaire. The finalized job satisfaction scale was

translated in Hindi for teachers to confirm the accuracy and validity of translation work opinion was sought from Hindi experts and subject experts.

### **3.6 Procedure of Data Collection**

The collection of data was spread over a period of 5 working days. The collection of data was done in 4 special schools in Bhopal city. The researcher personally visited the schools which are selected for the study then she took permission from the heads of the school for administering the test and finalized the dates.

The investigator met the teachers of the concerned schools personally and made clear the purpose of administration of such a scale on them and expected full cooperation from them. The instruction regarding the procedure to be adopted was explained by the researcher. Teachers were assured that name of schools and their responses would be used for research purposes only and will be kept confidential. They were suggested to give free frank and honest responses without any hesitation. The teachers were asked to read the instruction written on the first page of the scale carefully before working on it.