



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

# CHAPTER III

## RESEARCH METHODOLOGY

### 3.0 INTRODUCTION

The purpose of the Educational Research cannot be completed without detailed design of investigation. Research Methodology involves a systematic procedure by which the researcher starts from initial identification of the problem to its final conclusion. The role of methodology is to carry on the research work in scientific and valid manner.

In the present chapter, researcher spells out the methodology of the study. The research methodology is an important part of the dissertation. This is the portion that deals with the presentation of all the methods implemented to gather data and how the actual research work has been conducted by the researcher. This chapter has described the overall approach to the problem and is concerned with the details of the technique adopted in the study.

Chapter will proceed as –

- Research Method
- Sampling
- population
- Tools
- Procedure of data collection
- Administration of the tool
- Statistics used in the study

### 3.1 RESEARCH METHOD

This research is a kind of status study which is descriptive research. A descriptive study describes and interprets 'what is'. It is concerned with conditions or economic status that exists, opinions that are held, processes that are going on.

The present study is a status study which will be done with the help of observation, questionnaire, telephonic interview, and personal interview. Questionnaire was given to students and their response/views about goals and job status. This study is qualitative research. It is an economic analysis type of methodology. It is a financial study in nature.

### 3.2 SAMPLING

Sampling means selection of given number of subjects from a defined population as representative of that population (Borg & Gall).

In the present study, purposive sampling technique was used.

### 3.3 POPULATION

In the present study, population consists of students of various courses as mentioned below-

1. Four Years B. Sc. B. Ed.
2. Four Years B.A. B. Ed.
3. Two Years B. Ed.
4. One Year M. Ed.

#### (a) Sample:-

1. For objective no. 2, the sample were all students studying at RIE Bhopal in various courses in the year 2012-13 as shown in table 3.1-

Table no. 3.1

YEAR	B. Sc. B. Ed. IV year	B. A. B. Ed IV year	2 YEAR B. Ed.	M. Ed.	TOTAL
1	78	41	72	25	216
2	73	39	28	-	140
3	49	29	-	-	78
4	110	35	-	-	145
<b>TOTAL</b>	<b>310</b>	<b>144</b>	<b>100</b>	<b>25</b>	<b>579</b>

2. For objective no. 3, the sample were all students studied at RIE Bhopal in B. Sc. B. Ed. IV year in the year 2010-11 as shown in table 3.2-

Table no. 3.2

YEAR (2010-2011)	B. Sc. B. Ed. IV year
No. of students	51

3. For objective no. 4, the sample were all students studying at RIE Bhopal in B. Sc. B. Ed. course in the year 2013-14 as shown in table no. 3.3-

Table no. 3.3

YEAR (2013-14)	B. Sc. B. Ed.
1	78
2	73
3	49
4	110
<b>TOTAL</b>	<b>310</b>

### **3.4 TOOLS**

Research tools used for the data collection largely influences nature of findings keeping the importance of tool in research; for the study researcher used one tool i.e. self-constructed Questionnaire.

#### **(a) Questionnaire**

This tool was constructed by the researcher herself. It was prepared for four years B. Sc. B. Ed. students (2013-2014) to fulfil the third objective of the study. After constructing the questionnaire it was rechecked and refined several times.

#### **(b) Interview Schedule**

This technique was used for the passed out B. Sc. B. Ed. students (2010-2011) of RIE, to fulfil the fourth objective of the study by analysing their present status. Short interview, face to face and telephonic interview of B. Sc. B. Ed. was taken to know their views about teaching profession.

#### **(c) Enrolment Register**

In order to achieve third and fourth objectives of the study, researcher viewed the enrolment register and collected the required data. This record contains lists total enrolled students.

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### **3.5 PROCEDURE OF DATA COLLECTION**

The investigator after structuring the tools and technique personally visits the academic section to collect the list of the passed out students of 2010-11 batch of B. Sc. B. Ed. IV year. After collecting all the details and documents, the researcher collected information about their educational and professional status telephonically and through other mediums. Then the views of present year students of B. Sc. B. Ed. course about their goals in future were collected. There are several heads under which expenditure incurred on every student. To know this, expenditure statements from various sections/departments were collected related to dispensary, hostel, security, laboratory, library, water, electricity, telephone, etc. On the basis of this data, per head expenditure was calculated.

### **3.6 ADMINISTRATION OF RESEARCH TOOL**

In the beginning the respective college was visited by the researcher. Before circulating the questionnaire to the students necessary instructions were given to them and they were told results would keep confidential and will not have any effect on their academic achievement. After questionnaire were distributed among the students, subjects were asked to write correctly their names, grade, division, college name, age, date and

gender on top of the sheet. Ten minutes time limit was given to the respondents to fill the questionnaire. They were asked first to read the statements attentively and write their response in given space. After attempting all the items from the tool the researcher collected the sheets.

### **3.7 STATISTICS USED IN THIS STUDY**

Simple statistics is used in this research for the calculation and interpretation of the data.