

# **CHAPTER III**

## **METHODOLOGY**

### **3.1.0 INTRODUCTION**

In the first chapter, the introduction, significance of the study, objectives, hypothesis and rationale of the study have been discussed. In the second chapter, works done by the other researchers in this field and studies related to various variables had been included. In the third chapter, the sample design of the study, tools, and their description. types of variables, procedure of data are dealt. Descriptions of these are presented, below, under different captions.

### **3.2.0 RESEARCH METHOD**

Descriptive survey method used in the present study. As the method is concerned with surveying describing, and investigation the existing phenomena or issues, conclusion and relationship that exist through the analysis of various relationship enabled the researcher to compare.

### **3.3.0 SAMPLE**

Sample was selected by using random sampling.

### **3.3.1 POPULATION**

One government and one Private school from Bhopal (M.P.)

### 3.3.2 SAMPLE SIZE

Students of one government and one private school

**Table 3.1 Distribution of Sample**

S. no.	Name of Schools	Category	No. of Students
1.	Government H. Sec. School Akarbarpur, Kolar Road Bhopal (M.P.)	Govt.	40
2.	Nalanda H. Sec. Co-Ed. School Nayapura, Kolar Road Bhopal (M.P.)	Pvt.	50

### 3.4.0 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 Deo-Mohan Achievement Motivation (n- Ach) Scale (DMAMS) 1998, 1990 (English Version) by Babba Deo Mohan and Asha. And Result of last examination (half yearly examination) of X class students was taken as academic achievement.

#### 3.4.1 Deo- Mohan n-Ach Scale

Data on achievement motivation variable was collected through 3 point scale developed by Deo-Mohan, Achievement Motivation (n- Ach) scale. The scale was consisted of 50 items, amongst them 37 items were positive and 13 negative. These items were based on:

- Academic factors
- Factors of General Items

- Factors of Social interest

**Table 3.2 Factors of Achievement Motivation**

S. no.	Factors	Items
1.	Academic Motivation	4
2.	Need for achievement	4
3.	Academic Challenges	4
4.	Achievement Anxiety	1
5.	Importance of grades/marks	2
6.	Meaningfulness of tasks	4
7.	Relevance of Schools/College to future goals	2
8.	Attitude towards Education	4
9.	Work Method	5
10.	Attitude towards teachers	3
11.	Interpersonal Relations	4
12.	Individual Concern	2
13.	General Interest	4
14.	Dramatics	2
15.	Sports etc.	5
	<b>Total</b>	<b>50</b>

### 3.4.2 Scoring

The scoring of achievement motivation scale is carried out with the help of scoring key provided along with the test. A positive item carries the weight of 3, 2 and 1 respectively for the categories of 'Always' 'Sometimes' and 'Never'. The negative items were scored by allocating 1, 2 and 3, marks respectively for the some categories that are given above.

The total score is the summation of all the positive and negative items score. The minimum score that could be obtained was 50

and the maximum scores would be 150, other possible scores would range in between the above two extremes.

### **3.5.0 PROCEDURE OF DATA COLLECTION**

After selecting the appropriate instruments, the task was to administer it to collect information regarding concerned variable. Before administering these tests, the concern of Principal was taken. According to time and dates allotted the researcher administered the test. After making the subjects seated comfortably in the classroom, rapport was established through a general discussion about the tasks. Brief explanation about this Scale was given. Then the researcher first distributed test materials to all subjects. Instructions of the Scale were read by the researcher and the students were also asked to go through silently. If there was any confusion regarding the instructions they asked the same by raising their hand. The doubts were clarified by the researcher. It was made clear to all that nothing is right or- wrong as far as statements are concerned. After completion of Scale it was collected by the researcher. The respondents were thanked by researcher for their cooperation.

#### **3.5.1 Academic achievement**

The researcher obtained information about academic achievement of students of last examination.