

## **CHAPTER-4**

### **METHODOLOGY**

#### **4.1 INTRODUCTION**

In any research work planning is necessary. One fundamental step of dissertation is planning. Research work needs to be well planned keeping in mind the methods, tools, samples and procedure. Planning of the work estimates the resources, manpower, and time required to accomplish the task. The review of the literature and other pertinent information give ideas for improving the procedure. These ideas should be incorporated into the revised research plan. A sound methodology with effective procedure is vital for conducting the investigation for any research, leading the researcher to achieve his/her goal.

This chapter contains the research methods, tools and samples used by investigator in the present study; the procedure of the study is also given in detail.

#### **4.2 RESEARCH METHOD USED FOR THIS STUDY**

This study is descriptive research. More specifically survey type of research is used in present study for the purpose of drawing conclusions and findings. Survey is an important type of research study. The aim of survey is to obtain data from a selected size of the sample of the population under study. The researcher has taken enough care to ensure that the sample population is truly representative of the universe, the interview schedule is the main common instrument for data collection in survey research. The success of the survey research depends upon the willingness and cooperativeness of the sample selected for the study.

Thus, in the present study the survey method is used. The researcher herself collected data from the principals of schools through interviews. The views and perceptions of the interviewees were analyzed and interpreted.

### 4.3 POPULATION

The population of the study includes all the principals of the English Medium Self-financed, English Medium Grant-in-aid, Gujarati Medium Self financed, and Gujarati Medium Grant-in-aid schools of Anand district.

### 4.4 SAMPLE

Random sampling method was used in the present study. Seventeen (17) Principals of the schools of the Anand district were randomly selected as the sample for the study. The following are the school principals who formed a part of the sample. Table 4.1 shows the details about the sample taken for the present study.

**TABLE 4.1:** Distribution of Sample i.e. Principals of the Self-financed English Medium, Self financed Gujarati Medium and Grant in aid Gujarat Medium schools of Anand district.

| Sr. | Name of the schools                        |               |              |     |                                |               |              |
|-----|--------------------------------------------|---------------|--------------|-----|--------------------------------|---------------|--------------|
|     | English medium                             | Self financed | Grant-in-aid |     | Gujarati medium                | Self financed | Grant-in-aid |
| 1.  | Zen school, Bakrol                         | ✓             | ----         | 9.  | I.B Patel School, V V Nagar    | ----          | ✓            |
| 2.  | I.B Patel English Medium School, V V Nagar | ----          | ✓            | 10. | The Pioneer High School, Anand | ----          | ✓            |
| 3.  | T.V Patel School, V V Nagar                | ----          | ✓            | 11. | SD Desai High school, Bakrol   | ----          | ✓            |
| 4.  | V&C Patel English Medium                   | ✓             | ----         | 12. | Shree Daxinamurti              | ✓             | ----         |

|    |                                          |      |      |     |                                      |      |      |
|----|------------------------------------------|------|------|-----|--------------------------------------|------|------|
|    | School, V V Nagar                        |      |      |     | High School, V V Nagar               |      |      |
| 5. | H.M Patel English Medium School, Dharmaj | ✓    | ---- | 13. | Bavisgaam School, V V Nagar          | ✓    | ---- |
| 6. | Anand high school, Anand                 | ---- | ✓    | 14. | MU Patel High School, V V Nagar      | ---- | ✓    |
| 7. | Charutar English medium school, Anand    | ✓    | ---- | 15. | MS mistri primary School, V V Nagar  | ---- | ✓    |
| 8. | RPTP High School                         | ---- | ✓    | 16. | Sat keval paramguru pathshala, Sarsa | ✓    | ---- |
|    |                                          |      |      | 17. | CJ Patel School, Karamsad            | ✓    | ---- |

#### 4.5 RESEARCH TOOL-INTERVIEW SCHEDULE

To realize the objectives of the present study, the investigator has developed one interview schedule. Prior to the construction of the interview schedule for the present study the investigator had reviewed the available related literature. The interview schedule has questions related to the different roles performed by the principals. The interview schedule was mainly focused on the following roles of the Principals.

- Academician and Researcher
- Administrator and Manager

- Leader
- Mentor and Facilitator

#### **4.6 PROCEDURE OF DATA COLLECTION**

The investigator followed the following procedure for collecting data.

- The investigator prepared the interview schedule containing a set of questions to be asked to the school principals.
- The investigator personally met the selected principals and asked for the date and time for their interview, which would be convenient to them.
- On specified dates the investigator met the principals and informed them the purpose of the study and also explained all the roles on the basis of which questions were asked to them. It was also informed to them that the answers given by them will not be used for any other purpose than that of research purpose only. The researcher asked questions for each role and simultaneously noted down the responses in the interview schedule. For each principal, on an average the investigator had taken 30 minutes to take the interview.

#### **4.7 ANALYSIS OF THE DATA**

The data collected by the investigator were qualitative in nature and therefore the scheme of analysis was mostly of qualitative analysis. Frequency count and the percentage were used to analyze the data.

#### **4.8 CONCLUSION**

This being a descriptive type of research, it was challenging for the researcher to ask focused questions and extract information from experienced interviewees. However, the questions for the interview were prepared. This helped the researcher in having access to the responses.