

CHAPTER -3

METHODOLOGY

3.0 Introduction

In the present chapter, methodology of the study has been discussed which encompasses the design of the study adopted by the researcher. Design of the study refers to the research plan. It gives details regarding the selection of the population, size of the sample, the sources of the data, tools employed for collecting the data and the appropriate research techniques used in the analysis of the data collected for the present study. The present chapter also contains rationale of the study, statement of the problem, objectives of the study, operationalization of the terms, research questions, area of the study, type of the study and delimitation of the study.

3.1. Type of the Study

Survey and Case Study approaches were employed for conducting the study.

3.2. Population of the Study

The population consisted of Don Bosco's 19 High Schools and Junior colleges of the Western Region of India.

3.3. Sample of the Study

The sample consisted of the whole population as far as Survey was concerned and Don Bosco Yerwada as far as the Case- Study was concerned. For the selection of sample in schools i.e. the management, teaching staff and parents random, for past pupils purposive and for students cluster sampling techniques were used. The sample for the survey was drawn as follows

Table 3

| | Don Bosco Schools of the Western Region of India | | | | | | | | | | | | | | | | | | | Total |
|-----------------------|--|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|--------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | |
| Management | 3 members of the management from every school were selected through random sampling.(3X19) | | | | | | | | | | | | | | | | | | | 57 |
| Teaching Staff | 5 teachers from every school were selected through random sampling. (5 x 19) | | | | | | | | | | | | | | | | | | | 95 |
| Students | One section of the highest class from each school through cluster sampling. | | | | | | | | | | | | | | | | | | | 928 |

| | | |
|--------------------|---|-----------|
| Past pupils | 5 from every Past Pupils Association – purposively to collect the data from both successive and non-successive pupils. (5 x 19) | 95 |
| Parents | 5 from every Parent Teacher Association were selected through Random sampling. (5 x19) | 95 |

3.4 Tools and Techniques

The following tools and techniques were employed for the present study.

- 3.4.1. **Questionnaire** - The questionnaire consisted of both open and close ended questions. It was administered to the Principal and Staff of all the 19 Don Bosco schools of the Western region of India. It was based on the implementation of Don Bosco's Educational Approach.
- 3.4.2. **Online test**- It recorded the extent of information that the teaching staff had about Don Bosco's Approach indicated by the marks one got after attempting the test. It was based on their knowledge of Don Bosco's Educational Approach. It was set separately for the teachers. It was of 50 marks.
- 3.4.3. **Reaction Scale** – A five-point reaction scale was constructed by the researcher and administered to the educative community of the 19 Don Bosco schools to examine their reactions towards the Don Bosco approach.
- 3.4.4. **Semi - structured Interview Schedule** – It was constructed by the researcher and administered to the Management of Don Bosco Yerwada. It consisted of questions based on the present status of the institution.
- 3.4.5. **Observation Schedule** – It was prepared to get a picture of the organization and functioning of Don Bosco Yerwada.
- 3.4.6. **Inventory**- It was constructed by the researcher and used to check the level of fulfillment of Staff and Students of Don Bosco Yerwada.
- 3.4.7. **Check List** – It was constructed by the researcher for the staff of Don Bosco Yerwada to check the infrastructure and its functioning.
- 3.4.8. **Focused group discussion** was held with the Staff and Students of Don Bosco Yerwada

The tools were validated by experts .They were translated in three languages to facilitate responses.

3.5 Data Collection

The researcher took the permission from the Principals of the selected 19 schools and collected the data personally. He employed various tools and techniques to collect the data from Don Bosco Yerwada and the other schools.

3.6. Data Analysis

The data collected for the present study were analyzed quantitatively as well as qualitatively.

Table 4

| Sr. No. | Objective No. | Tools | Techniques to be used |
|---------|---------------|--------------------------------------|---|
| 1 | 1 | Questionnaire | Frequency, Percentage, Content Analysis |
| 2 | 2 | Checklist | Frequency, Percentage, |
| 3 | 3 | Online Test | Online Scoring |
| 4 | 4 | Reaction Scale | Chi Square |
| 5 | 5 | Semi - Structured Interview Schedule | Content Analysis |
| | | Observation Schedule | Content Analysis |
| | | Focused Group Discussion | Content Analysis |
| | | Inventory | Content Analysis |
| | | Check List | Frequency, Percentage |