



CHAPTER-III

Method of the Study

3.1. INTRODUCTION

The methodology makes the most important contribution towards the conduct of the study. It helps to achieve the economy in time and coordinating of efforts.

This chapter gives an outline of research methods that were followed in the study. It provides information on the participants, that is, the criteria for inclusion in the study, who the participants were and how they were sampled. The researcher describes the research design that was chosen for this study and the reasons for this choice. The instrument that was used for data collection is also described and procedures that were followed to carry out this study are included. The researcher also discusses the methods used to analyze the data.

To conduct the present study successfully, the researcher employed the descriptive research method. This study used mixed methods to collect the data on Awareness of environmental pollution among primary school students in Cuttack district.

3.2. DESIGN OF THE STUDY

Research design is the framework of research methods and techniques chosen by a researcher. The design allows researchers to hone in on research methods that are suitable for the subject matter and set up their studies up for success.

3.3. POPULATION AND SAMPLE OF THE STUDY

Sampling is the process by which a relatively small number of individuals or measures of individuals, objects, or events is selected and analysed in order to find out something about the entire population from which it is selected. It helps to reduce expenditure, save time and energy, permit measurement of greater scope, or produce greater precision and accuracy. Sampling procedures provide generalizations on the basis of a relatively small proportion of population.

The representative proportion of the population is called sample.

The researcher has taken 40 samples from Utkal International School (rural) and 40 samples from St. Xavier's High School (urban) of Choudwar, Cuttack district, Odisha.

The study will be based on primary data which were collected from 80 primary school students using simple random sampling technique.

3.4. VARIABLE USED IN THE STUDY

Awareness about environmental pollution among primary level learners was considered as the dependent variable in this study. Researcher will employ mixed research method to collect data.

3.5. TOOLS FOR COLLECTING DATA

The researcher's aim was to study the awareness of Environmental Pollution among primary school students. For this purpose, a self-made questionnaire was prepared. The questionnaire consisted of 20 questions.

3.6. DEVELOPMENT OF TOOL

Keeping in mind the above-mentioned areas appropriate items were meticulously framed. The questions for tools were prepared on the basis of reading related materials that is from Environmental Science book prescribed by NCERT of class III, IV and V, observations and discussions with experts in the field.

3.7. STATISTICAL TECHNIQUES USED

Mixed method technique was used to analyze data from the questionnaire. For this present study Mean, Standard deviation and t-test, were employed and also 0.05 level of significance was used to test the hypotheses.