CHAPTER III

RESEARCH METHODOLOGY

3.1 Introduction:

In the proposed research, it is expected to study various opinions of the subject teachers, other subject teachers, principals, parents and students of granted secondary schools in Ahmednagar District about the subject of physical education. Therefore, the nature of an outline of the research has been studied. Researcher has to study the particular signs of overall society in an analytical research. For this reason, attempt
has been made from the study to draw a reliable finding of overall society regarding specific signs.

3.2 Research Method:

There are various methods of research. For example, historical method, survey method, descriptive method and experimental method. From these methods, researcher has used survey method of research, i.e. actual school survey.

3.3 Nature of Survey:

3.3.1 Research based on Survey:

Method of survey is one of the educational research methods. This method is used largely in educational research. The number of survey projects is very huge in western countries and India. Even though the method of survey has secondary importance in research, it is prevalent in day-to-day life. This method is useful for examining the present condition.

3.3.2 Features of Survey Method:

a) Information in a specific time can be collected in a huge quantity by using this method.

b) Survey is not related to a person, it is related to the features of a group or a number of people.

c) The nature and purpose of survey method problem is definite and clear.

d) Survey is qualitative as well as quantitative.

e) Survey is an excellent method to resolve the local problems.

3.3.3 Significance of Survey Method:
By understanding present condition, attitude, thoughts, etc., research proves influential to solve many problems that arise in the practical life. Moreover, a historical sight can be obtained. This research proves as a guideline in future. It adds to one's knowledge. Accurate conclusions can be acquired by collecting information with the help of tools and equipment. A background can be prepared to undertake an experiment. Different groups can be compared. More and more research can be conducted in the field of Education and Physical Education with this method. With such a view, survey method has a great significance in this field.

3.3.4 Merits and Demerits of Survey Method:

A) Merits:

Information in specific time from predetermined locations can be acquired with the help of questionnaire and interviews at the cost of minimum work and money. Survey method is more related to the features of a group than the features of a person. By using this method, present situation can be described.

1. Useful for taking policy decisions.

2. This is an excellent method to resolve local problems.

3. Survey is qualitative as well as quantitative. Comparison is possible.

4. Problem, nature and motive are definite and clear.

B) Demerits:

If the information is to be collected by sending questionnaire, one can not get information in time. Information can be obtained even by sending reminding letters to the persons or institutes. Information can be person-oriented. While accumulating information by the method of interview, problem of language or illiteracy arise. It takes a lot of time, physical work and money. Even so, while preparing research
report required for the degrees of M.Phil. and Ph.D. in the faculty of Education and Physical Education, survey method is used on a large scale.

3.4 Sources to obtain Information:

Researcher has made the survey with the help of questionnaire. The questionnaire contains 20 questions, out of which, 18 questions are of objective type i.e. Yes / No and the remaining 2 questions are descriptive. This questionnaire has been filled up by the experts, subject-teachers of secondary school in Ahmednagar Districts, other subject-teachers, principal, parents and students.

3.5 Tools for the Accumulation of Information:

It is essential to incorporate the base tools in all types of research. The research equipment, which are available today are as follows:

1. Observation
2. Interview
3. Questionnaire
4. chisquare Tests

Researcher has made a survey with the help of questionnaire. Different types of information is essential to obtain final conclusions by examining assumptions of research study or to find out issues related to research. Questionnaire has been used in the proposed research to accrue this information. Similarly, opinions are taken by using the method of interview.

3.5 Sample Selection:

In the proposed research, researcher has obtained the opinions of subject-teachers of grantable secondary school in Ahmednagar Districts, other subject teachers, principal, parents and students about physical education from the
information gathered with the help of questionnaire. Percentage, a statistical measure was used for the response.

3.7 Population:

The proposed research is applicable to all teachers of physical education in Ahmednagar Districts, other subject teachers, principals, students of Std. IX and X and their parents.

3.8 Sampling – 819 school out of the total 70 were selected. The number of student 10500 in Std. IX and X was examined. Subject teacher 70, Other subject teacher 140, Headteacher 70, Parent 150, 70 school were selected using a lottery method. For this, researcher used a Randomly simple method.