Chapter III

PROCEDURE

In this chapter the method used for selection of subjects, collection of data, measures adopted in constructing the questionnaire and administration of the questionnaire have been described.

Subjects

The lecturers and students of B.P.E., B.P.Ed. D.P.Ed. and M.P.E. final year of physical education colleges and university teaching department of Gujarat State were selected as subjects for the study. Total of 548 subjects responded to the questionnaire.

Method Employed

Questionnaire method was employed to collect the relevant data regarding the attitude/opinions of lecturers and students of the colleges of physical education and university teaching department of Gujarat State.

Construction of the Questionnaire

Questionnaire was prepared under the supervision of the guide, keeping in view the various aspects of the curriculum. The questionnaire was arranged in a logical order and each question was worded clearly to enable the subjects to understand and answer those questions without much difficulty. Great care was taken to frame each question in such a manner that it was precise and without any ambiguity. The answers to the questions were
"Agree", "Disagree" and "Undecided". Subjects only have to tick (✓) mark according to their choices.

The following aspects of the curriculum were included in the questionnaire:

1. Syllabus (Theory and Activity)
2. Duration of classes (Theory and Activity)
3. Intramural.
4. Extramural.
5. Activity Specialization at undergraduate level.
6. Co-curricular activities (Cultural and Literary Program).
7. Leadership training camp.
8. General.

Besides the aspects mentioned above, suggestions were also invited on the following areas:

1. Duration of classes (Theory and Activity)
2. Intramural
4. Extramural
5. Specialization – at graduate level.
6. Co-curricular activities
7. Social activities.
**Questionnaire Development**

The following procedure was adopted for the development of the questionnaire.

**Initial Writing**

In the first attempt over 125 questions, which required several responses, were framed. Afterwards, suitable changes were made according to the instructions of the guide and other experts of the institution who were specialized in the field of research methodology. Before the draft was finalized, several revisions and modifications were made.

**Trial Run**

After the formulation of the questionnaire to the satisfaction of the research scholar, with the inclusion of all essential items in an organized manner, the next step was to test the strength of the questionnaire. The purpose of the try out was to discover whether the questions were clear and adequate to obtain the information desired. During the try out phase the initial questionnaire was given to fifty students and twenty-five faculty members selected at random and they were asked to answer the questionnaire and offer their comments. It was done to find out whether the questions were easily understandable and properly answerable, tabulation and analyses were feasible. Taking into consideration the difficulties were experienced by those subjects and suggestions offered further changes were made in the contents and language of the questionnaire.
Re – writing

On the basis of the expert's suggestion and guide's recommendation, the necessary changes were made in the questions. With the help of the language experts, the questions were re-framed in more simple language. After several revision and reviewing the questionnaire was found good and approved by the guide.

Administration of the Questionnaire

The questionnaire administered individually by the research scholar to all the subjects. All the subjects answered the questionnaire separately, without consulting others. The subjects were exhorted to give their frank and true opinion and the research scholar assured the respondents that the information given by them would be kept confidential and utilized for the research purposes only.

Method Used for Collection of the Data

The researcher had developed a questionnaire and the same was used to collect the relevant data from the sample colleges of physical education and University teaching department.

To make the data collection more reliable and useful, the investigator personally visited the sample colleges of physical education and University teaching departments as far as possible with physical education teachers and students.
Analysis of Data

The data obtained after administering the questionnaire were analyzed using Chi-square and percentage analysis.