Chapter – III

PROCEDURE

Correct and reliable results depend upon the accuracy and reliability of data. The ultimate success of a research project depends largely upon the method employed therein. In this chapter the method adopted for collecting data, steps adopted in constructing the questionnaire, questionnaire development, administration of questionnaire, and method for analysis of the data are described.

University Area Demarcation

Universities of Rajasthan cover all area of Rajasthan state. Rajasthan structurally is part of western India. It is bounded by Pakistan, Gujrat, Haryana, Punjab, MP and UP. The area of Pakistan is border of India. Rajasthan has nine universities having good campus geographically.

Most of the universities of Rajasthan state have not been showing any substantial performance when it comes to inter-university tournament except a few university teams. It was therefore thought convenient and worthwhile to carry out critical analysis of sports performance of universities of Rajasthan state in relation to sports infrastructure, sports personnel and budgetary provisions in the universities of Rajasthan, and find out suggestions, ways and means to improve standard of sports and games in the over-all contents of the state and the nation.
Method Used

The questionnaire technique was employed to collect the necessary data from the Director Physical Education of different universities of Rajasthan. Research scholar personally visited different universities and held discussions with various experts and persons concerned, who helped in collection of necessary information.

Broad Survey of the Questionnaire

The purpose of the study was to evaluate the sports performance of universities of Rajasthan in relation to sports facilities for physical education. The instrument for this board survey was a questionnaire which has been prepared carefully under the supervision of the guide. The questionnaire was arranged in logical order to receive desired answers without undue problem for the respondent. Care was taken to frame each question in such a way that they were precise and logical without ambiguity.

Special attention was given to touch all the necessary sections while constructing and developing the questionnaire. The questionnaire thus contained various sections like general information about performance of existing staff facilities, equipment, funds, annual budget, fees charges from students, grant from higher authorities, expenditure on various accounts library facilities etc., so as to gain maximum worthwhile detailed and meaningful information about the
samples.

The copies of the questionnaire were distributed to nine University Directors of Physical Education, with the request to give correct and accurate answers. These questionnaires were sent to all respondents and received by post and the researcher himself had visited some place to collect personally.

Construction of the Questionnaire

The questionnaire was framed and constructed under the supervision and in consultation with the guide and well qualified and experienced faculty of physical education and utmost care and seriousness was employed.

Taking into consideration the maximum coverage of the area that was surveyed, great attention was paid to all relevant aspects of the study, so as to get maximum worthwhile and meaningful responses from the subjects.

Further the construction and the arrangement of the questions was made in logical way so that sequence in the response statements would be readily available in an orderly manner. Attempts were made to make the questions simple, clear and relevant leaving no room for ambiguity of vagueness. The following steps were followed in the construction of questionnaire.
Initial Writing

In the first attempt, various questions, which required either 'Yes' or 'No' etc. responses were formulated and afterwards it was changed from time to time according to the recommendations of the experts.

Trial Run

After formulation of the questionnaire to the satisfaction of the researcher, with the inclusion of all the essential items in an organized manner, the Questionnaire was sent for trial run. The purpose of trial run was to discover if the meaning of all statement in the questionnaire was clear and well understood by the respondents. This was also to assess if the question were adequate to obtain the desired information. During the trial run the questionnaire was given to University Directors of physical education. They were requested to answer the questions and critically evaluate the items of the questionnaire, and to offer their suggestion, if any

Rewriting

On the basis of the evaluation of the responses and considering the suggestions, the necessary changes were made in the questionnaire and it was finally formulated after again obtaining the approval of the experts
Administration of the Questionnaire

The copies of the questionnaire were distributed to nine University Directors of Physical Education, with the request to give correct and accurate answers. These questionnaires were sent to all respondents and received by post and the researcher himself had visited some place to collect personally.

Methods Used for Collection of Data

The researcher made personal approach to the respondents during various University tournaments and on other academic events and requested them to provide the desired information. Motivational measure promised to ensure better response. An assurance was given to keep all the received information confidential. The scholar, assured to all the respondents to supply a copy of the summary of the findings.

Method of Analyzing the Data

The responses obtained from different Director of Physical Education of Universities of Rajasthan were converted into percentage. For the purpose of analyses and interpretation of the findings and descriptive statistics was used.