PLAN AND METHODOLOGY OF WORK

In this chapter the methodology or the procedure to be followed, construction of questionnaire and statistical technique to be used are presented.

Subjects
Sixty schools and Colleges (Government and Private) will be randomly selected from fifteen districts of Awadh region. This includes equal no. of government and private school and colleges, Minimum 2 schools and 2 colleges will be selected from each district for the present study.

Questionnaire
Before preparing the questionnaire the research scholar will go through the literature related to the present study and will follow all the necessary steps to construct the questionnaire. Help will also be taken from central library of different institutions where related literature for questionnaire may be available. The questionnaire will be prepared keeping in view the various aspects of physical education facilities. The questionnaire will also be arranged in a logical order where each statement will be recorded clearly to enable institutions to understand and answer those statements without difficulty. Great care will be taken to frame each statement in précised manner without ambiguity.

In depth study will be taken to list down the requirement of sports infrastructure and facilities for school and colleges before finalizing the questionnaire for present study.

Construction of the Questionnaire
The questionnaire will be framed and constructed after the consultation with qualified and experienced faculty of physical education. Ut most care and seriousness will be employed in the construction of questionnaire. Taking into consideration the maximum coverage of the area that will be surveyed, great
attention will be 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 will be made in logical way so that sequence in the response statements would be readily available in an orderly manner. Attempts will also be made to keep the questions simple, clear and relevant leaving no room for ambiguity or vagueness.

The following steps will be considered and followed in the construction of questionnaire.

**Initial Writing**

In the first attempt various questions, which will require either ‘Yes’ or ‘No’ responses will be formulated. Afterwards these questions may be changed as per the guidelines and experts opinion from time to time. All the selected questions which will be recommended by the experts will be placed in the questionnaire.

**Trial Run**

After formulation of the questionnaire to the satisfaction of the investigator, with the inclusion of all the essential items in an organized manner, the questionnaire will be sent for the trial run. The purpose of trial run will be to discover whether the meaning of all statement in the questionnaire is clear and well understood by the respondents. This will help to assess if the questions are adequate to obtain the desired information. During the trial run the questionnaire will be given to experts of physical education. They will be requested to go through the questions or critically evaluate the items of the questionnaire and to give their suggestions if required.
Rewriting

On the basis of the evaluation of the responses and the suggestions, necessary changes will be made in the questionnaire and it will be finally formulated after obtaining the approval of the experts.

Administration of the Questionnaire and Collection of Data

The copies of the questionnaire will be distributed to Heads of institution and physical education teachers of different schools and colleges of Awadh region (Govt. and private), of Uttar Pradesh. The investigator himself will try to visit some places of Awadh personally for administration and collection of questionnaire. Request will be forwarded to the selected colleges and schools of Awadh for providing the desired information for successful completion of the study. To motivate the respondent, scholar will assure all respondents to supply a copy of the summary of the findings after the completion of the study.

Statistical analysis

For the purpose of analyses and interpretation of the findings, the responses obtained from various institutions of Awadh, will be converted into percentage. Descriptive statistics will be used to find out Mean, S.D., Range, Skwness, Kurtosis etc. to know about the facilities existing in different kinds of institutions; further Chi-Square will be used to find out the significant difference of facilities and infrastructure of physical education between the different types of institutions.