PROCEDURE
CHAPTER III

PROCEDURE

In this chapter, the selection of the subjects, methods used for collection of data and statistical techniques employed for analyzing data have been described.

Selection of Subjects

In the following study there are three categories of subjects as mentioned below.

In the first category Shri Dilip Tirkey is the subject for the case study.

Another group of subjects incorporated in the study are the eminent hockey players from 1975 to 2000, and those who gave their consent for being the subjects for the study.

The third category of subjects selected were the hockey players from 2001 to 2010, who had both played with or against Shri Dilip Tirkey, and accepted to be a part of the research work.

Methods Employed to Collect Data

The following three methods were emphatically used to accrue data for the doctoral study:

a. Interview Method

b. Questionnaire Method

c. Literature
Interview

For the purpose of collection of facts regarding Shri DILIP TIRKEY, interview technique of Research was used. Due preparation for the interview was made by the scholar in consultation with the experts.

Questions were framed in advance and were supplemented with follow up questions.

Interview Technique

"The interview or visit was considered better method of obtaining survey information than using mailed questionnaire. The investigator gathered data directly from individuals in face to face contacts. The interview has been linked to an oral questionnaire. It has the obvious advantage of ensuring an elaborate response. The scholar noted down the response then and there before forgetting occurs.

Development of Questionnaire:

For the collection of data questionnaire was developed. In the process of development of questionnaire, an initial questionnaire was prepared by the scholar comprising of seventy five questions. These questions were evaluated by fellow researchers and colleagues and necessary modification work was carried out. The questionnaire was again shown to hockey experts and renowned physical educationists who had considerable experience of guiding research at post graduate, pre doctoral and doctoral candidates. Based upon their suggestions, few questions were omitted and few questions were revised. In the end, the questionnaire was discussed with guide and based upon his suggestions, few items were deleted and minor modification were made
wherever needed. A total of fifty questions were finalized. The questionnaire was administered to few hockey players and based upon the feedback received; minor modifications in language were made. After finalizing the questionnaire in English, a Hindi version was developed with the help of translation expert ensuring that the language of the questionnaire was simple and free from any ambiguity.

The responses of the statements were classified in such a manner so that all the questions could be measured on the Likert scale. The responses for the statements were strongly agree, agree, disagree and strongly disagree.

In addition, the questionnaire was mailed to seventy two hockey players. A total of sixty filled questionnaire were received after a herculean effort of requesting them time and again for dispatch of filled questionnaire.

In the questionnaire clear instructions were given to answer each statement by ticking a mark in the appropriate box given. Three weeks time was given to respond to the questionnaire from the date of receipt. To aid the responses a self-addressed and stamped envelope was enclosed along with questionnaire. Besides, the respondents were telephonically contacted and personally requested to fill the questionnaire and mail the same to the researcher. Scoring was done to all response sheets and tabulation was carried out statement wise for analysis purpose.
Literature

The scholar also gleaned through the written documents, namely, magazine (The Sports Star, The Sports World) and News papers (The Hindu, The Indian Express).

Statistical Techniques Employed

The data for the study were elicited using the interview and questionnaire methods respectively along with literature.

The data thus collected was analyzed by employing descriptive Statistics.

Chi-Square was also employed to find out the diversions of responses among the hockey players.