Chapter III

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In this chapter, the procedure adopted for the selection of subjects, selection of variables, construction of the questionnaire, collection of data and statistical procedure adopted for the analysis of data are described.

Selection of Subjects

All the sports schools run by the State governments of Andhra Pradesh, Karnataka, Kerala, Pondicherry and Tamil Nadu were selected as subjects for the study. A map depicting the locations of various sports schools in southern India are presented in Figure – 1. Accordingly, a total of eight sports schools were selected excluding the sports schools under the private sectors. All the sports schools selected for the study are fully residential. Out of eight sports schools, one sports school in Karnataka, one sports school in Pondicherry and three sports schools in Tamil Nadu are not coeducational. All the non-coeducational sports school students were males. One sports school in the state of Andhra Pradesh, one in the state of Karnataka and one in the state of Kerala are coeducational sports schools.
Andhra Pradesh Sports School,
Secunderabad, Andhra Pradesh.

Government Sports School,
Vidhyanagar, Karnataka.

Government Sports School,
Kudagi, Karnataka.

G.V.Raja Sports School,
Thiruvananthapuram, Kerala.

Rajeev Gandhi Sports School,
Pondicherry.

Y.M.C.A. Sports School,
Chennai, Tamil Nadu.

Ramakrishna Mission Sports School,
Coimbatore, Tamil Nadu.

N.L.C. Sports School,
Nvveli, Tamil Nadu.

Figure - 1: Map Showing the locations of different Government Sports Schools of Southern India.
The details of the government sports schools in southern India selected for the study are presented in Appendices - I and the details of the strength of the sports school students are listed in the Appendices II and the daily routine schedule of sports schools are presented in Appendices - III.

Selection of Variables

For the purpose of the survey, two variables were selected such as the organizational set-up of sports schools and the achievements of sports school students. The Organizational set-up of the sports schools were surveyed under two major headings such as men and the materials. Under the variables men the nomenclature of officials including the political and bureaucratic set-up and the staff pattern of the sports schools were considered. For the survey of the materials, the facilities available in the schools were examined.

As far as the achievements of the sports school students were concerned, the sports and academic achievements of five consecutive years of each school starting from 1998 to 2002 were examined. Sports achievements of all the students during these years were collected according to the different levels of competition and sports discipline wise.
Academic achievements of the sports school students in the S.S.L.C. examinations from the year 1998 to 2002 were collected to assess the academic excellence of the students in Public examinations.

**Structure of questionnaire**

To obtain the data pertaining to the organizational set-up and achievements of sports school students in sports and academics, a questionnaire was constructed. (A model of the questionnaire is enclosed in Appendices – IV). The questionnaire was consisting of 16 questions. An adequate number of questions were included in the questionnaire to obtain the required information related to the organizational set-up, sports and academic achievements of the sports school students.

For the construction of questionnaire, standardized procedure was followed. Accordingly, the construction of the questionnaire was performed by using the following steps.

**Initial writing**

A blue print of the questionnaire was made considering the required information to be obtained from the respondent. Adequate number of questions was formulated in a logical order avoiding the
repetition of questions, specialized terminologies and confusing questions. Optimum number of questions was framed with proper provision for answers. Utmost care was taken to avoid lengthy and open ended questions.

Initially, 25 questions were framed to obtain the information pertaining to the organizational set-up and achievements of the sports school students in Southern India.

**Trail Run**

After the initial writing of the questionnaire, the same was administrated to 10 school authorities to get the response. This trial run was performed to evaluate the authenticity of the questionnaire and to ensure that the desired information is obtained from all the subjects.

**Tabulation**

After the trial run, tabulation of the responses was done. This exercise was performed to ensure that all the questions were clear to the respondent and accurate response was obtained. For this purpose, an item analysis was done by analyzing each question.
Final drafting of the questionnaire was done after tabulation by making necessary corrections and alterations in the questionnaire. Finally 16 questions were framed in the questionnaire.

The final draft of the questionnaire was administrated to the subjects, to get their response. An appeal was made in the form of covering letter and was administrated along with the questionnaire, requesting the subject's willingness and co-operation in giving response. An Assurance was also made that their responses would be kept confidential. The purpose of the study was also made clear to the respondent to elicit maximum response.

The research scholar had visited all the sports schools personally and administrated the questionnaire to the Head of institutions / Principals. In addition to the administration of the questionnaire, personal interviews were also held with the head of the institution and
concerned coaches to clarify the doubts and also to get the additional information. (PLATES: I - XVI)

Maximum possible efforts were made to get the most accurate and genuine information from the subjects.

The academic and sports achievements of the sports school students were also cross checked from the school records and other official documents to ascertain the accuracy of the information.

**Scoring of data**

The duly filled questionnaire and the information from the official documents, school records and also from personal interviews were tabulated for the purpose of analysis. Information pertaining to the organizational set-up was tabulated separately from the achievements of the sports school children and all the information were tabulated in numerals.

**Statistical techniques used**

For the analysis and interpretation of the data, frequency table and percentage were worked out separately for the organizational set-up and achievements of the sports school students in terms of sports and academic excellence. Graphical representations of the data are also used to interpret the results.
PLATE I: The Researcher interviewing Sri S.T. Prakash,
Principal, Andhra Pradesh Sports School, Secunderabad
Andhra Pradesh.

PLATE II: Researcher interviewing Sri Royan Verghese,
Sports Scientific Officer and Basket Ball Coach,
Andhra Pradesh Sports School, Secunderabad,
Andhra Pradesh.

PLATE IV: Researcher interviewing Sri Dadapeer, Foot Ball Coach at Government sports School, Vidhyanagar, Karnataka.


PLATE IX: The Researcher interviewing Sri Lalith Kumar Michel, Principal, Rajeev Gandhi Sports School, Uppalam, Pondicherry.


PLATE XII: Researcher interviewing Sri Jayashankaran, Foot Ball coach and Warden, Y.M.C.A. Sports School, Nandanam, Chennai, Tamil Nadu.
PLATE XIII: The Researcher interviewing Sri Sri Sri Athamananda Swamiji, Secretary, Sri Ramakrishna Mission Sports School, Coimbatore.
