CHAPTER-III

DESIGN OF STUDY
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The research in sports sociology may always face the problem of making the study more objective because of the difficulties in development of the tools for collection of data and the sources of data. In the present study an attempt was made to explore the possibility of social mobility amongst women who represented their respective universities in the inter-university competitions during their sports career. For this study the researcher collected the data through two types of questionnaires; one was for the inactive/veteran women players and second was about their parental socio-economic status. The sources of data for the present study were the veteran women players of Volleyball, Kho-Kho, Kabaddi, Table-Tennis and Badminton. This chapter of Design of study has been presented under four subheadings as given below:

1. Sources of data
2. Research tools
3. Sampling
4. Collection of data

1. SOURCES OF DATA:

As mentioned earlier the data for the present study was collected from the women players who had represented university teams in the following games:
i) Volleyball
ii) Kho-Kho
iii) Kabaddi
iv) Table-Tennis
v) Badminton

The subjects for the present study were the women players above the age of 30 years. These subjects were the ex-students of University of Maharashtra but at the time of collection of data they might be residing out of the jurisdiction of these universities. The subjects had represented their respective universities between 1980 and 1990.

2. RESEARCH TOOLS:

The data for the present study was collected through the questionnaires developed separately for the subjects and their parents.

a) Questionnaires for Veteran women players:

The researcher intended to collect the information from the subjects regarding their present socio-economic status and their achievements in sports. Similarly the contribution of their sports achievement to gain their present socio-economic status.

With the objectives of the study in mind, the researcher prepared a preliminary questionnaire for the subject and it was discussed with the experts in the field of sociology, sports sociology and physical education. After making required changes, additions and eliminations of the questions: a draft questionnaire was prepared. This was again circulated amongst the experts and also the veteran sports women for their suggestions. The circulated questionnaires were collected after
persuasion. Number of good suggestions were received from the veteran sports women. They also asked for clarification of certain question that intrigued them. This made the researcher to modify or eliminate few questions. This made the questionnaire more objective and unambiguous. Thus the questionnaire was redrafted and the trial was taken on ten subjects. On collecting the duly filled in questionnaires, it was found that the questionnaire was ready for the testing of its reliability. For this purpose the questionnaires were issued to fifteen local sports women of different games who had represented university during their sports career. The respondents could answer the questions without any difficulty. For testing the reliability the same questionnaires were issued to the same subjects after seven days. The reliability was tested statistically by using test and retest method and was found to be reliable at 0.94 level. A sample questionnaire is given in Appendix-I.

b) Questionnaire for the parental Socio-economic status:

In the study, the social mobility was investigated by exploring the differences in the economic status of the parents prior to the marriage of the subjects and present status of the subjects after marriage. With this purpose in view a rough questionnaire was developed to know about the socio-economic status of the parents. In this questionnaire the data was collected in relation with the economic status and social status. An attempt was made to ask the questions indirectly also reflecting the socio-economic status. It was assumed that the subjects may face difficulty in memorising and to recall and answer the past socio-economic status. The questionnaire
thus developed was discussed with the experts and colleagues. Many
suggestions were received and corrections and appropriate
additions were made. The questionnaires thus prepared was again
circulated for further corrections. After a week, attempt was made
to collect these questionnaires. It took sometime to collect all the
questionnaires from the experts and physical educationists. After making
required modifications a draft questionnaire was prepared for a trial run. The
questionnaires were issued to certain subjects who were above 30
years of age and who were married. The subjects answered the
questionnaires and also expressed their difficulties in understanding
the correct meaning of the questions. The questionnaires were collected
and ambiguity in the question was eliminated. Such corrected questionnaires
were again redrafted and issued on trial basis to few respondents. After collecting
the duly filled in questionnaires it was found that the question-
aire was in final state to test its reliability.

To check the reliability of the questionnaire by using Test and retest method, the questionnaires were issued ran-
donally to selected veteran women university players who were
married. These respondents were personally contacted at their
residences and were requested to assist in the project (re-
search) by filling in the questionnaires. Thus, 20 respondents
contacted and questionnaires were filled in. After a week the
same blank questionnaires were issued to test the reliability.
The questionnaires were collected from the same respondents
for the second time and test and retest method was applied.
The questionnaire (Appendix-II) was found to be reliable at
0.92 level.
3. SAMPLING

The data for this investigation came from the responses of inactive sports women who represented the University during their sports career in Volleyball, Kho-Kho, Kabaddi, Table-Tennis and Badminton. An attempt was made to use simple random sampling method. But it was experienced that the selected subjects could not be contacted at given addresses due to their changed addresses after marriages. Therefore, in certain sports available sampling method was adopted.

The researcher visited the office of Director of sports, Amravati University and collected the list of the women players who represented the university in Volleyball, Kho-Kho, Kabaddi, Table-Tennis and Badminton during the years 1980 and 1990. Sufficient number of subjects were available in Kabaddi, Kho-Kho and Volleyball. Whereas comparatively less numbers of subjects were available in Table-Tennis and Badminton. Amongst these certain subjects from Kabaddi and Volleyball were found to be out of Maharashtra State. In such situation it was decided to adopt available Sampling Method. The names of the colleges of all the required subjects were collected from the university office and then their personal addresses were collected from their respective colleges.

During this process, the investigator also contacted the physical-education teachers for their assistance and through them the present addresses of married subjects were collected. Certain subjects were in the Amravati City also. Through them the addresses of their co-players were also collected. In such a manner, maximum possible present addresses of the married subjects were collected. As mentioned earlier, the
addresses of the Badminton, and Table-Tennis subjects could not be collected in sufficient number. The same procedure was adopted to collect the addresses of other University players but due to communication gap, the response was found to be very poor.

4. Collection of Data:-

The addresses of the inactive women players were listed down citywise. The subjects residing locally were contacted personally and got the questionnaires duly filled in after prolonged persuasion.

The subjects which were residing out of Amravati were contacted by mail. A cover letter (Appendix-III) was sent along with the questionnaire introducing about the research and its importance. The subjects were also requested to offer their cooperation for the success of this research venture. The stamped self addressed envelops were also sent along with the questionnaires for the prompt response. The subjects were requested to send the duly filled in questionnaire within fifteen days. While doing this, researcher also tried to locate the addresses of the persons from the respective cities who were known to her for their co-operation in pursuing the respondents.

After sending the questionnaires by mail the researcher sent a reminder after fifteen days to those who did not respond. The addresses of such subjects were also sent to contact persons for persuasion. After a month second reminders were sent to those who did not send the duly filled in questionnaires. Wherever the phone numbers of the respondents were available they were requested on phone to send the same. After continuous persuasion researcher could get considerable number of responses.
For the collection of data, the attempt was made to collect the data from 75 subjects of each game but the researcher could not get the responses from all the respondents. Following table indicated the number of duly filled in questionnaires received by the researcher for the analysis of the data.

**TABLE-1: NUMBER OF FILLED IN QUESTIONNAIRES RECEIVED.**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name of Game</th>
<th>Questionnaires sent for Veteran</th>
<th>Questionnaires sent for Parents</th>
<th>Questionnaires Received Veteran</th>
<th>Questionnaires Received Parents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Volleyball</td>
<td>75</td>
<td>75</td>
<td>42</td>
<td>42</td>
</tr>
<tr>
<td>2</td>
<td>Kho-Kho</td>
<td>70</td>
<td>70</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>3</td>
<td>Kabaddi</td>
<td>70</td>
<td>70</td>
<td>42</td>
<td>42</td>
</tr>
<tr>
<td>4</td>
<td>Table-Tennis</td>
<td>50</td>
<td>50</td>
<td>31</td>
<td>31</td>
</tr>
<tr>
<td>5</td>
<td>Badminton</td>
<td>50</td>
<td>50</td>
<td>31</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>315</strong></td>
<td><strong>315</strong></td>
<td><strong>186</strong></td>
<td><strong>186</strong></td>
</tr>
</tbody>
</table>