PROCEDURE

In this chapter, the design of the study, selection of subjects, method of the construction of the questionnaire, method employed for collection of data, administration of the questionnaire, collection of data, method of analyzing the data are described.

Selection of Subjects

The subjects for the present study were selected for the purpose of gaining information about wrestler Sushil Kumar which was only possible with the help of his family members, relatives, friends, wrestler colleagues, coach and professional wrestlers who worked with him during his career. Sushil Kumar was selected as main subject for this study. But other persons those Sushil who have directly and indirectly influenced him were also selected at first stage of data collection. They are included Mrs. Savi Solanki wife of wrestler Sushil Kumar, his Father & Mother Mr. Diwan Singh & Mrs. Kamala Devi, two brothers Amarjeet Singh & Manjeet Singh, father-in-law and Guru Mahabali Satpal and his Coaches Mr. Yasvir Singh and Mr. Ramphal Mann. Some of the wrestlers who played with Sushil Kumar in various International tournaments were also selected as subjects for the purpose of obtaining information and were considered for data collection.

The information regarding wrestler Sushil Kumar was received in person as well as through questionnaire method. The wrestler Sushil Kumar could only provide information about his own remembrance regarding his wrestling career and his childhood activities. But this information was the first hand information only through the wrestler himself. Wrestler Sushil Kumar spent his childhood in village and led rustic life of village with his childhood friends and other relatives. Thus, it was felt to prepare questionnaire to know his childhood nature, level of his motivation for sports and wrestling in particular. Beside the above, it was felt by the research scholar that the wrestler Sushil Kumar was very close to his colleagues in wrestling arena and were living their bachelors wrestling life which was most exciting part of the life of a wrestler. This is where the professional attitude of the bachelor wrestler, converted
into professional. Hence, the questionnaire was also prepared keeping in mind the very nature of this young wrestler for obtaining more information from his wrestling colleagues.

Another type of questionnaire was distributed among the wrestlers of Chhatrasal Stadium, New Delhi who were getting either the support from him as coach for further guidance or the wrestlers for shaping themselves for professional wrestling. A total of 100 wrestlers were selected were practicing for this purpose and the description for this method of survey is explained in the second half of this chapter in the thesis. The most important information received through his Guru and Coach Mr. Satpal Singh who himself was honoured by Mahabali by the highest body of wrestling association in India. Thus, Questionnaires were prepared for all these peoples who included relatives, friends, and immediate relatives from the home, wrestling colleagues, professional advisers of the wrestler and the coach of Mr. Sushil Kumar. All these peoples have directly or indirectly influenced Sushil Kumar in his carrier. The self-made questionnaire was prepared with the help of exports from the field of wrestling, physical education and sports for which the description is given below.

**Data Collection:**

Data were collected from the selected subjects in three phases as described below;

**First Stage of Data Collection:**

Sushil Kumar was selected as main subject for this study. But other persons those Sushil who have directly and indirectly influenced him were also selected at first stage of data collection and they are included Mrs. Savi Solanki wife of wrestler Sushil Kumar, his father & Mother Mr. Diwan Singh & Mrs. Kamala Devi, two brothers Amarjeet Singh & Manjeet Singh, father-in-law and Guru Mahabali Satpal.

**Second Phase of Data Collection:**

In the second phase of data collection involved were those who were giving the support for further guidance for shaping professional wrestling career of Sushil kumar and all administrative staff members of Chhatrasal Stadium where wrestler Sushil
Kumar was practicing wrestling. A great help through proper coaching from Mr. Yasvir Singh and Mr. Ramphal Mann were the key aspect of wrestler Sushil Kumar, hence selected for second phase of data collection.

**Third Phase of Data Collection:**

One hundred wrestlers who were played at International and National level wrestling tournaments from various Akhadas in all over India were selected as third stage of data collection.

**Construction of Questionnaire:**

- Questions were selected related to the study on various aspects
- Experts were consulted to select appropriate questions
- Rewriting of the questionnaire
- Finalization of the questionnaire

![Diagram of Construction phase]

- **Construction phase**
- **Selection of questions**
- **Expert’s opinion**
- **Correction (trial run)**
- **Re-writing of Question**
- **Finalization of questionnaire for study**
**Procedure**

**Questionnaire:**

Before preparing the questionnaire the researcher had gone through many books and literature related to the present study. Taken from helped also being already existing questionnaire available in central library of different institution. The questionnaire was prepared keeping in views in all aspects of Sushil Kumar during the journey of his wrestling career. The questionnaire was arranged in a logical order and each statement is recorded clearly to enable the subject to understand and answer those statements without much difficulty. Great care was taken to frame each statement in such a manner to be précised without any ambiguity and biasness.

**Construction of the Questionnaire:**

The Questionnaire was framed and constructed under the consultation with qualified and experienced coaches, officials or experts in the field of wrestling and faculty of physical education. Utmost care and seriousness was insured while construction of questionnaire. Taking into consideration the maximum coverage of the area that was surveyed, attention was paid to 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 were made in logical way so that sequence in the response statements would be readily available in an orderly manner. Attempts were made to the keep the questions simple, clear as well as relevant leaving no room for ambiguity or vagueness. The following steps were followed in the construction of the questionnaire.

**Initial Writing:**

In the initial phase of the study the questionnaire was divided into various parts like; personal aspect, professional aspect, social aspect and educational aspect, administrative aspects, about his childhood, begging stage of wrestling, some memorable movements of Chhatrasal Stadium, about first international tournament, about Olympics Games tour, foreign condition, about foreign training and special training for Olympic Games etc. Every aspect had 15 questions which were send for the evaluation and expert’s comments. According to the comments and advises the questionnaire was changed or modified and processed for the next step and phase.
Trail 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 is send for trial run. The purpose of the trial run was, to discover if the meaning of all statement in the questionnaire is clear and well understood by the respondents. This was helpful to asses if the questions were adequate to obtain the desired information’s. During the trial run the questionnaire were given to qualified and experienced coaches, officials or experts in the field of wrestling and faculty of physical education. They were requested to analyze the questions and critically evaluated the items of the questionnaire, and to give their suggestions if any.

Rewriting:

On the basis of the evaluation of the questionnaire as well as suggestions received from the experts necessary corrections were made in the questionnaire. In the final phase of preparation of questionnaire all the aspects were changed and modification of questionnaire was completed as per the acceptance of the questions which were required either ‘Strongly Agree to Strongly Disagree (5 Point Likert Scale). The questionnaire was finally formulated after obtaining the approval of the experts.

Use of Scale:

It was decided to use Likert scale having five options. Likert scale is found helpful in estimating the strength of feelings. Likert scale contained five responses as; Strongly Agree, Agree, Undecided, Disagree and strongly disagree. The responses were received on these five scales to verify the statements from the respondents.

Administration of the Questionnaire:

Copies of completed Questionnaire were distributed to each subject who was with direct contact to the scholar. All the subjects were explained the importance of the study and objective of study was narrated to them for better understanding. Subjects were requested to keep the sanctity in professional manner. Questionnaire prepared for different phases of data collection were distributed as per the planned manner and scholar himself made a point to narrate the question to subjects for better
understanding for better as well as accurate information regarding wrestler Sushil Kumar.

After completing the formalities of distributing questionnaire, all the subjects in different phase were asked to give information about the wrestler under the various headings as described in the questionnaire. The filled questionnaire was taken aback by the research scholar for the analysis of the data so that the results can be obtained.

**Reliability of the Questionnaire:**

The survey technique was used to obtain responses and reaction from eminent personalities from Physical Education and sports, and Society. Any opinion that was deliberated by any eminent person in itself considered to be reliable. With the help of experts, opinion rating questionnaire was constructed consisted of Ninety five questions and categorized into 6 dimensional information and highlighted different qualities of Sushil Kumar Solanki which are as follows:

(a) Learning the Game.

(b) Foreign Condition.

(c) His First Tour.

(d) Olympics.

(e) The Best Tournament.

(f) Childhood.

To estimate the strength of feeling, five points rating scale was used and included statements requiring answer in either of any five options like; Strongly Agree (S.A.), Agree (A), Undecided (U.D.), Disagree (D.A.) and Strongly Disagree (S.D.). The questionnaire developed with the help of experts and educationist was considered to be reliable by the research scholar.

**Reliability of the Population**

With the objectives of the study explained to the respondents, which does not mean purpose other than the research. The purpose of the study was explained to the subjects whom they agreed with to give accurate and reliable information. The
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subjects (population) considered in the present study voluntarily accepted to give information that was considered to be reliable for the present questionnaire.

Reliability of the Data

The reliability of the data was considered with the different kind of sources received from the various categories of subjects. All these sources of the records as well as the tools were considered reliable.

Research Tools and Techniques

The interview or personal visit for gaining information is a better way for the purpose of study than posting questionnaire. Through interview, research scholar collects data directly from face to face interaction. It has the obvious advantage of ensuring greater information at first hand source. The interview taken and the photographs taken during interaction is also of great help to understand the study properly.

Interview Technique:

The interview was linked to a normal interaction. It has the obvious advantage of ensuring a greater return. The investigator preferred the interview technique to gather the information needed for his study of Sushil Kumar's life, his achievements and wrestling contributions. The investigator visited several times and conducted exclusive interviews with Sushil Kumar, his father, mother, coaches and other international wrestlers.

The Interview Program:

The purpose of the survey was clearly explained to respondents with the necessary detailed information. The investigator had a clear idea of what information he needed. He has clearly aligned the best sequence of pacing questions and comments, which could systematically bring you the answers you want. A written writing calendar for the study provided a plan for the interview, excluding the possibility that it would not have obtained important and necessary data. Prior to the interview's scheduled day, the investigator visited respondents on several occasions who were responsible for providing informality in the interview that came in, which in turn helped the investigator to improve their door in the interview. The investigator
handled the conversation to cover all areas of the study. There have been rumors about how long the interview should last. The interrogation was executed so as not to introduce a bias and boring aspect. The actual formulations of the responses have been maintained.

**Interview with Sushil Kumar:**

The researcher held the interview with Sushil Kumar Solanki on three occasions. First two meetings were held for the first and second interview between 29-04-2017 to 02-05-2017 and the third interview was held from July 17, 2017 to July 23, 2017 in Chhatrasal stadium at New Delhi. The interview agenda gathered information on the following topics:

- Family Background of Sushil Kumar
- Parent’s interest in sports and wrestling.
- Childhood days.
- Educational career at an early age.
- The motives and drives at home and the company responsible for its progress in wrestling.
- Professional career and details of his occupation
- National and international participation and his experience
- Awards and honors
- His ambitions.
- His experience
- The attitude of his children in the field of sport
- Purpose after retirement from wrestling.
- Current social status

The investigator also conducted a similar interview with his friends and comrades, as well as referring to reports and affirmations that appeared in books and magazines. So the information gathered through the interview is true. In addition to
personal interviews with these people, the investigator has prepared a questionnaire consisting of 250 questions which has been affixed in appendix "A"

**Use of Literary Sources:**

To gather information about life of Sushil Kumar and his contribution to wrestling, articles, reports and statements published in newspapers and magazines were also taken into account. The data consists of primary and secondary sources.

**Primary Sources:** Published Materials: Sushil Kumar newspaper clippings, newspapers, articles, and responses in newspapers, magazines and magazines were obtained; Wrestling performance records have also been sought.

The following magazines and newspapers were searched for;

- The world of sport
- The Sports Star
- The Sports Week
- Hindu
- Indian Express
- The time of India
- Dainik Bhaskar
- Dainik Jagran
- Hindustan
- Amar Ujala
- The time of the economy

**Secondary Sources:**

Secondary sources are descriptions of primary sources. They are written by people who are not in direct contact with the reported event. More than one mind comes between the original events and its description. Secondary sources were particularly useful for investigator as some of the information taken from these books,
magazines containing statements, reports and articles written by other people who were not associated with the wrestler.

**Data Analysis**

The information gathered through the help of the questionnaire were analyzed and constructed in percentile form. Some of the information were useful and are also described with the help of appropriate pictures of wrestler Sushil Kumar. Exemplary events also included with the help of images and explanations for winning situations were made available to understand the success of the wrestler.