PROCEDURE
CHAPTER III

PROCEDURE

In this chapter the following are discussed.

- Design of the study
- Selection of the subjects for primary sources and secondary sources.
- Method for construction of the questionnaire.
- Methods employed to collect data as:
  
a) Method employed for the collection of data from primary sources as interview method, official records, pictorial records and published materials.

b) Method employed for the collection of data from secondary sources as opinionnaire and questionnaire.
   - Administration of the questionnaire and collection of data
   - Aids to response.
   - Method of analyzing the data.
DESIGN OF STUDY

A case study was designed in which historical, biographical, analytical and interpretive methods were utilized to collect the relevant data.

SELECTION OF SUBJECT FOR PRIMARY SOURCE

Robson Moses was selected as the subject for the primary source.

SELECTION OF SUBJECTS FOR SECONDARY SOURCE

Robson's son Dr. Amrit Kumar Moses, his two daughters, namely, Mrs. Joy Presillapremadhiban and Mrs. Sushila Raja were selected as the subjects for the secondary source.

The second category of the subjects was of his students. List of the students of Robson was prepared and a specific serial number was awarded to them. Then using simple random sampling, a total of 90 students were
selected and questionnaire was mailed to them after knowing their willingness to participate in the study.

The third category of the subjects was of his colleagues. In this, the availability of his colleagues was taken into consideration and total numbers of thirty colleagues were selected by using simple random sampling.

The fourth category of the subjects was his contemporaries. The total number of ten contemporaries were taken into consideration and selected.

The total numbers of the subjects were 110 and a letter for asking their willingness to participate in the study was mailed to them in advance.

The scholar selected ten Eminent Personalities in the field of Physical Education and sports on the basis of random sampling to whom the letters of request was sent to obtain their valued opinion pertaining to the following aspects.
a) Dr. Robson's Personality.
b) Dr. Robson as a Scholar.
c) Dr. Robson as an Administrator.
d) Dr. Robson as a Teacher.
e) Dr. Robson's scientific attitude towards Physical Education.

**RESPONDENTS**

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<tr>
<th>S.No.</th>
<th>Name</th>
<th>Place</th>
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<tr>
<td>1.</td>
<td>Professor. Ajmer Singh</td>
<td>Chandigarh Punjab</td>
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<td>2.</td>
<td>Professor. T.S. Brar</td>
<td>New-York, U.S.A</td>
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<td>3.</td>
<td>Dr. A.K. Uppal</td>
<td>Dhaka, Bangladesh</td>
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<td>4.</td>
<td>Professor. A.M. Moorthy</td>
<td>KaraiKudi</td>
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<td></td>
<td>TamilNadu</td>
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<td>5.</td>
<td>Dr. Indu Mazumdar</td>
<td>Gwalior, Madhya Pradesh</td>
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<td>6.</td>
<td>Dr. Dilip Dhuriya</td>
<td>Varanasi, U.P</td>
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<td>7.</td>
<td>Mr. C.V. Rao</td>
<td>Gwalior, Madhya Pradesh</td>
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<td>8.</td>
<td>Dr. Ramesh Pal</td>
<td>Gwalior, Madhya Pradesh</td>
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<td>9.</td>
<td>Dr. A.K. Datta</td>
<td>Gwalior, Madhya Pradesh</td>
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<td>10.</td>
<td>Dr. Rajendra Singh</td>
<td>Gwalior, Madhya Pradesh</td>
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DEVELOPMENT OF QUESTIONNAIRE

The development of questionnaire passed through the following phases.

**Pre-Pilot Study**

Pre-pilot study phase was concerned with gathering of statements consisting of various dimensions. The pooling of the preliminary statements was done through extensive review of literature such as books, journals and magazines besides formal and informal discussions with experts. Once the statements were collected, they were subjected to screening and ambiguous, confusing and lengthy statements were eliminated. Both positive and negative statements were included for the sake of obtaining reliable data.

**Pilot Study – Jury Opinion**

The collected statements were sent to the supervisor, experts in Physical Education, Education and Psychology with a request to offer their considered opinion regarding
the stability, relevance and clarity. The expert's opinions of the Jury were taken into consideration and on the basis of remarks and suggestions offered by them, statements of questionnaire were selected.

**Final Phase of the Questionnaire**

Sixty out of seventy five statements were selected on the basis of pilot study. Statements were canalized as fifteen (15) statements for all the four dimensions namely:

a) Robson's Personality.
b) Robson as an Administrator.
c) Robson as a Scholar.
d) Robson as a Teacher.

**Section – I:** Gathered information regarding Robson's personality. This section contained the questions that highlighted the quality as: his physique, health, temperament, way of behaviour and daily schedule etc.
Section – II: In this part of questionnaire such questions were included which furnished the information regarding Robson's administrative qualities. The questions such as: Promptness in replying the letters, strictness and planning etc. were highlighted.

Section-III: Derived the information regarding Robson's qualities as a scholar. The question aimed to collect the information regarding his intellectual- ship, sincerity regarding his assignment, knowledge and interest in reading books and magazines etc.

Sections – IV: The questions in this section helped in collecting the information regarding Robson's teaching qualities. The question such as: Preparedness for the class, management of class, relevancy of examples, adaptation of teaching style, and punctuality etc. furnished the information.
CONSTRUCTION OF SCALE

It was decided to use Likert scale having four options undecided option was removed. Likert scale is found helpful in estimating the strength of feelings. Likert scale contained four responses as Agree, Strongly agree, Disagree and Strongly disagree and finally the total number of responses received was converted in terms of percentage for each question and interpretation was done accordingly.

VALIDITY OF QUESTIONNAIRE

The questionnaire was subjected to ‘Face Validity’ by Judgment Process. “A test is said to have face valid when it appears to measure whatever the author had in mind”. The statements forming the questionnaire were identified.

A copy of the Questionnaire is presented in Appendix 1.
METHOD EMPLOYED FOR THE COLLECTION OF THE

DATA

PRIMARY SOURCES

Interview Technique:

"The interview or visit is better method of obtaining survey information than using mailed questionnaire. The investigator gathers data directly from individuals in face-to-face contacts. The interview has been linked to an oral questionnaire. It has the obvious advantage of insuring a greater response.

The following are the characteristics of the interview:

a) The interview obtains confidential information.

b) Personal contacts have the advantage in drawing out the information by on the spot follow-up questions.

c) The interview survey affords an opportunity for the interviewer to give information."
The scholar preferred interview technique to collect necessary informations on Robson Moses, his family regarding his Educational background, Career, Personality traits and contributions to Physical Education and Sports.

**Interview Schedule:**

The purpose of the study was explained clearly to the respondent with the details of information needed from him. The Researcher had a clear concept of just what information was required for the study. He clearly outlined the best sequence of questions and stimulating comments to bring out the desired responses. A written schedule prepared for the study provided a set plan for the interview precluding the possibility that would fail to get important and needed data. Prior to the scheduled interview, the investigator wrote and visited respondents on various occasions to provide informality in the interview and to develop rapport with the respondent. The respondent was told in advance regarding how long the interview would be expected to last. The questioning was performed in such a manner as not to
introduce any aspect of bias. The actual wordings of the responses were retained.

**Preparation prior to Interview:**

The investigator talked to Robson from Gwalior over telephone to inform his intention to pursue biographical study about him. This was followed with a letter dated 27th November 2002 to explain the purpose and significance of the proposed research study and also to get a letter of consent from Robson.

The investigator held the scheduled interview with Robson on 9th March 2003 at his home town Nagercoil, Tamil Nadu with the consent from the respondent. It was decided that the interview conversation to be recorded by the mean of tape recorder. The presence of a tape recorder is unlikely to affect the freedom of either the interviewer or interviewee.

The interview schedule envisaged collecting information on the following areas.
a) Dr. Robson's family background.

b) His childhood, educational background including his interest in games and sports.

c) How he happened to choose this profession?

d) His professional career as a teacher, administrator and scholar.

e) His contribution as Principal to the Algappa College of Physical Education, Karaikudi, Annamallai College of Physical Education and Health Sciences, Annamalli Nagar and LNCPE, Gwalior (M.P.) now known as L.N.I.P.E.

f) His contribution to the development of Physical Education and Sports to the former Tamil Nadu State and to the country.

g) His foreign visits as a member of Indian delegation to study and observe the system of education in general and Physical Education in particular.

h) Honorary Awards, he has been bestowed with.
Reliability of the Interview:

The purpose of the study was explained to Robson Moses who agreed to give accurate and reliable information, as this was a novel piece of Research work. Robson voluntarily accepted to give information, that is, highly truthful and to the best of his knowledge. The following statement given by Robson at the beginning of the conversation would enlighten. “Good morning and thanks Mr. Amit Rawat. The information that I would be giving in the form of answers to the questions is true to the best of my knowledge.”

Moreover, the respondent was aware that a check of truthfulness of the responses was possible and hence scholar asked similar questions by a different sentence after a gap so that truthfulness may be ascertained.
PRIMARY SOURCES

Interview with Robson Moses:

The scholar personally contacted Robson Moses for interview and conducted the interview by means of well-prepared questions. The focus of the interview was mainly around family history, environment influence, childhood, education, his professional preparation, his personality, teaching and administrative days at Algappa College Of Physical Education, Lakshmi Bai National College Of Physical Education, Gwalior, Annamallai College of Physical Education and Health Sciences, contribution to the field of Physical Education, views to uplift the profession of Physical Education, awards he was conferred with and views about the mushrooming of colleges of Physical Education in India.

Official Records:

To get first hand information the scholar visited various institutes such as Algappa Arts and Engineering College, Algappa College Of Physical Education, Lakshmi
Bai National Institute Of Physical Education, Gwalior, Annamallai College of Physical Education and Health Sciences, where Robson Moses had worked for long period and referred the official records and the work done by Robson Moses at these places.

**Personal Records:**

Personal records as the Diploma, Degrees, Honours, Articles and Published materials were collected from Robson Moses for analysis purpose.

**List of the personal records is given in the Appendix 2.**

**Pictorial Records:**

Various pictorial records were collected. Some of the photographs relevant to different occasions were chosen as documents for this study and inserted in text body of Chapter IV.
Published Materials:

Published materials of the Robson Moses in the form of Research Articles, Style Manual for Thesis and Dissertation, Reports, News Papers accounts were studied.

A copy of which is given in Appendix-3.

METHOD EMPLOYED FOR THE COLLECTION OF DATA

SECONDARY SOURCES

Interview with family members of Robson Moses:

Interview with family members were also conducted specially with son Dr. Amrit Kumar Moses, two daughters Mrs. Joy Presila Premadhiban and Mrs. Sushila Raja.

Interview with Dr. Amrit Kumar Moses:

The interview was conducted with the only son of Robson Moses, namely Dr. Amrit Kumar Moses Lecturer, Y.M.C.A. College of Physical Education, Chennai. The
interview conversation was tape recorded on 14th March 2003, at the residence of Dr. Amrit Kumar Moses in Chennai.

**Interview with Mrs. Joy Presillapremadhan**:

The interview was conducted with his eldest daughter Mrs. Joy Presillapremadhan. She is a lecturer by profession. The interview conversation was tape recorded on 12th March 2003 at the residence of Mrs. Joy Presillapremadhan in Nagercoil, (Tamil Nadu).

**Interview with Mrs. Sushila Raja**:

The interview was conducted with Mrs. Sushila Raja, the youngest daughter of Robson. She is a housewife, married to Mr. Raja Sunder Singh, Managing Director Eagle Security Press. The interview conversation was tape recorded on 18th March 2003 at the residence of Mrs. Sushila Raja in Chennai.
RELIABILITY OF INTERVIEW

The Son, Daughters, showed keen interest in the schedule, as they very well understood the purpose of the study very well. The following views expressed show that all the family members have high regards for Robson and appreciated his work. "Anything new caught his attention, he was a dreamer, he dreamt, not just dreamt, but found ways and means of bringing reality to those dreams, so that action may be initiated at the earliest possible and a man who had kept his vision for a head of own thinking".

Hence it could be assumed that the information sought and collected through the interview is reliable.

Opinionnaire

Views of Eminent Personalities: Survey technique was also used to obtain responses and reaction from ten eminent Physical Educationists.
Questionnaire

Opinion rating Questionnaire was constructed with the help of experts. Questionnaire consisted of sixty questions and categorized into four section which highlighted different qualities of Robson Moses as:

1. Robson’s Personality  
2. Robson’s Administrative qualities.  
3. Robson’s Scholarly qualities.  
4. Robson’s Teaching qualities.

To estimate the strength of feeling, four points rating scale was used as:

1. Agree  -  A.  
2. Strongly Agree  -  S.A.  
3. Disagree  -  D  
4. Strongly Disagree  -  S.D.
ADMINISTRATION OF THE QUESTIONNAIRE

Copies of the questionnaire with covering letter and self-addressed envelopes were mailed to subjects. They were also requested to return the questionnaire with the necessary information at the earliest convenience.

AIDS TO RESPONSE

1. A letter to all the subjects was sent to them for asking their willingness to participate in the study.

2. A self addressed stamped envelope was enclosed along with questionnaire.

3. Assurance was given to keep all the so received information confidential.

4. Reminders were sent to those respondents who failed to fill Questionnaire within the stipulated time.
METHOD FOR ANALYSING DATA

The data received was mainly analysed in three main sections:

Section – I: Section one deals, with the entire biography of Robson Moses, Educational background, professional preparation, professional career, views of the deteriorating standards of Physical Education in India and the views regarding the upliftment of Physical Education etc.

Section-II: In this section, views of various Eminent Personalities in field of Physical Education and sports are given, as to what they really think of Robson Moses. What are their views towards him? These all information was collected and finally the analysis was done accordingly.

Section – III: This section consists of opinion rating survey of Robson which mainly covered four dimensions such as:

1. Robson’s Personality.

2. Robson as an Administrator.
3. Robson as a Scholar.

4. Robson as a Teacher.

The questionnaire was mailed to three categories of subjects.

a) To the subjects.

b) To the colleagues.

c) To the contemporaries.

The subject responds to each statement in a four point rating scale which were:

a) Agree.

b) Strongly Agree.

c) Disagree.

e) Strongly disagree.

Analysis of the data was done after administering the questionnaire to 110 subjects after ascertaining their willingness to participate in this study. (70 Students, 30 Colleagues and 10 Contemporaries).
Finally the total numbers of responses received were converted in terms of percentage and interpretation was done accordingly.

LITERARY SOURCE METHOD

For gathering information about Robson’s Life, career and contributions to Physical Education and Sports, articles, reports, and published statements, books and journals were also taken into account. The following journals were searched for the collection of data.

a) The illustrated weekly of India.
b) Sports Star.
c) Sports World.
d) The Vyagam.
e) The Hindu.
f) The Indian Express.
g) The Span.
h) The Times of India.
i) SNIPES Journals.
j) Various Reports.