

CHAPTER III

PLAN AND PROCEDURE

Method of Research

Data Gathering Tool

Sample

Collection of Data

Method of Analysis of Data

CHAPTER-III**PLAN AND PROCEDURE****PURSUANCE OF OBJECTIVES OF THE STUDY AND TESTING OF HYPOTHESIS CALLED FOR**

- (1) Selection of appropriate method of research
- (2) Selection of suitable scales for assessment of Parent-Adolescent relationship and its effect on adolescent's academic achievement
- (3) Selection of a sample of students using appropriate sampling technique
- (4) Selection of appropriate statistical techniques for analysis of data

The procedure followed in respect of the above four steps is described in detail in this chapter.

RESEARCH DESIGN

As the present work is an explorative and diagnostic survey, analytical (descriptive) method of research was found to be appropriate for the present study.

SAMPLE

Random sampling method was used in this study. In Kolhapur city there are 23 junior colleges of which 12 are attached to the senior colleges and 11 are attached to

high schools. For the purpose of this study 11th class arts students of the junior colleges attached to the high-schools were taken as a sample. One college was closed down for the year 1998-99 for the lack of student strength. Total strength of students from 10 colleges was 759 (The list of junior colleges and their strength is attached in Appendix-II) However, only 472 students who were present at the time of collecting data in the junior colleges participated in this research and constituted the sample.

TOOL USED FOR THE STUDY

The Family Relationship Inventory (Standardised)

The Family Relationship Inventory (FRI) by Dr. (Mrs) G.P. Sherry and Dr. J.C. Sinha (1977) was used in this study. The inventory contains 150 items presented in six pages, classified into three patterns of parental attitude (acceptance, concentration, avoidance) of mother and father separately. The number of items measuring each pattern is given below:

Table No. 2
Three patterns of parental attitude

| Acceptance | | | Concentration | | | Avoidance | | |
|------------|--------|-------|---------------|--------|-------|-----------|--------|-------|
| Father | Mother | Total | Father | Mother | Total | Father | Mother | Total |
| FA | MA | - | FC | MC | - | FV | MV | - |
| 25 | 27 | 52 | 20 | 21 | 41 | 26 | 31 | 57 |

EXPLANATION OF THE TERMS USED

Explanation of the three terms used in the inventory - Acceptance means that the parents consider the child as a fullfledged member of the family who needs a certain degree of independence and who has the capacity to assume responsibility. Parents having acceptance attitude towards their children neither concentrate their attention nor overlook their children. They encourage them to fulfill their potentialities as best as they can.

FA: Father Acceptance, MA: Mother Acceptance

PA: Parent Acceptance

Concentration refers to attitude of parents who devote a disproportionate amount of their time and energy to the direction and control of their children. They over-protect them through restrictions upon their efforts to explore the environment. They place heavy demands upon them to perform beyond their capacities and to achieve ambitious goals.

FC: Father Concentration, MC: Mother Concentration

PC: Parent Concentration.

Avoidance characterizes the disposition of parents who either neglect or reject the child. They withdraw when their child approaches them for affection and love. They spend as little time as possible with the child. They fail to satisfy the child's physical needs or they openly abuse the child. In short, they manifest no positive interest in the child or his activities.

FV: Father Avoidance, MV: Mother Avoidance

PV: Parent Avoidance.

Examples: Each item has two forced choice alternative answers in the form of true and false. An example of each of the three categories is shown below:

Acceptance: मैंने अनुभव किया कि मेरे पिता मेरे विचारोंसे भली भाँति परिचित थे।

Concentration: मेरे सम्बन्ध में निर्णय अधिकतर मेरी माताजी ही लिया करती थी।

Avoidance: बहुत कम अवसरोंपर मेरी माँ ने मुझे ध्याई किया।

ADMINISTRATION OF F.R.I. AS PER THE MANUAL

(The FRI may be administered individually as well as in the group.) After filling the personal data bank, the respondents, the groups were requested to turn over the page to read the instructions carefully. When the

researcher was sure that respondents have understood the way of recording their responses, they were permitted to begin the actual work. Respondents were further informed that they should not consult their friends in expressing their feeling about the attitude of their parents.

INSTRUCTIONS AS STATED IN THE MANUAL

The test administrator read out the following instructions to the respondents before the actual work began.

निर्देश - प्रस्तुत सूची में निम्नलिखित कथन आप तथा आपके माता-पिता / संरक्षक के मध्य अतीत तथा वर्तमान में स्थापित सम्बन्ध प्रकट करते हैं! हर कथन को पढ़िये तथा यह निश्चय कीजिये कि क्या यह कथन आपके पारिवारिक सम्बन्ध का वास्तविक वर्णन करता है! यदि यह कथन आपके पारिवारिक सम्बन्ध का वास्तविक वर्णन करता है तो फिर आप कथन विशेष के क्रमांक के आगे सत्य के कॉलम में सही (✓) का चिन्ह लगाइये! यदि यह कथन आप तथा आपके माता-पिता के मध्य पारिवारिक सम्बन्ध का वास्तविक वर्णन नहीं करता है तो फिर क्रमांक के आगे असत्य के कॉलम में सही (✓) का चिन्ह लगाये!

निम्नलिखित उदाहरण को ध्यान से पढ़िये -

सत्य असत्य

कथन - मेरे पिता मित्रों का घर पर आना पसन्द किया करते थे!

प्रत्युत्तरदाता के लिए सम्बन्ध में यह कथन सत्य था इसलिये उसने 'सत्य' के कॉलम में सही (✓) का चिन्ह लगाया! यदि किसीके लिये यह कथन असत्य होता तो वह असत्य के कॉलम में सही का चिन्ह लगाता! उत्तर में हर कथन को (सत्य या असत्य के कॉलम में) अंकित करते समय केवल 'सत्य' या 'असत्य' कॉलम का ही प्रयोग करें! यह निश्चित होइये कि आप कथन की क्रम संख्या के अनुसार ही उत्तर में भी इसी क्रम संख्या के 'सत्य' अथवा 'असत्य' कॉलम का प्रयोग कर रहे हैं! आपको हर कथन के क्रमानुसार 'सत्य' तथा 'असत्य' कॉलम में से केवल एक ही कॉलम का प्रयोग करना है! चाहे कथन की सत्यता तथा असत्यता के सम्बन्ध में केवल अनुमान ही क्यों न लगाता पड़े!

यह ज्ञान परीक्षण नहीं है. अतः सभी उत्तर सही माने जायेंगे! इन सभीको गोपनीय रक्खा जायेगा!

सभी प्रश्न के उत्तर दीजिये, किसी प्रश्न को छोड़ना नहीं है! समय की कोई सीमा नहीं है! किन्तु जो उत्तर आपको पहिले विचार में उचित प्रतीत हो उसे ही अंकित कर दीजिये!

सावधानी - कथन धरेलू सम्बन्धापर आधारित है अतः आप सांच सकते हैं कि कथन का वही उत्तर दें जिसे समाज अच्छा समझता है, तब आप सत्य बात को व्यक्त नहीं कर पायेंगे! आप सही उत्तर दीजिये चाहे समाज उसे अच्छा समझता है या बुरा! आप केवल सत्य सम्बन्ध ही व्यक्त कीजिये!

SCORING OF F.R.I.

For the purpose of scoring, a scoring table was given on the first page of the inventory where all the three patterns of mothers and fathers were given pagewise in six horizontal columns. For every true response one mark was to be given and the marks obtained by respondents were summed up areawise. The following table shows the area and corresponding items belonging to that area for scoring purpose:

| M.A.(27) 1 | F.A.(25) 2 | M.C.(21) 3 | F.C.(20) 4 | M.V.(31) 5 | F.V.(26) 6 |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 7 | 3 | 2 | 27 | 6 | 1 |
| 10 | 5 | 13 | 28 | 12 | 4 |
| 11 | 8 | 17 | 33 | 16 | 15 |
| 14 | 9 | 18 | 40 | 20 | 19 |
| 22 | 36 | 25 | 56 | 21 | 23 |
| 29 | 41 | 39 | 67 | 24 | 32 |
| 31 | 49 | 52 | 68 | 26 | 34 |
| 38 | 50 | 55 | 69 | 30 | 35 |
| 43 | 61 | 59 | 71 | 42 | 37 |
| 46 | 70 | 62 | 81 | 48 | 44 |
| 47 | 72 | 74 | 92 | 51 | 45 |
| 57 | 75 | 79 | 97 | 58 | 53 |
| 63 | 76 | 87 | 98 | 73 | 54 |
| 64 | 80 | 90 | 100 | 77 | 60 |

| 1 | 2 | 3 | 4 | 5 | 6 |
|-----|-----|-----|-----|-----|-----|
| 65 | 84 | 106 | 101 | 78 | 86 |
| 66 | 94 | 107 | 104 | 82 | 89 |
| 85 | 108 | 120 | 137 | 83 | 93 |
| 88 | 112 | 122 | 139 | 99 | 95 |
| 91 | 121 | 127 | 144 | 102 | 96 |
| 124 | 125 | 134 | 150 | 109 | 103 |
| 135 | 130 | 147 | - | 113 | 105 |
| 136 | 131 | - | - | 114 | 110 |
| 140 | 133 | - | - | 115 | 111 |
| 141 | 143 | - | - | 117 | 119 |
| 142 | 145 | - | - | 118 | 128 |
| 146 | - | - | - | 123 | 138 |
| 148 | - | - | - | 126 | - |
| | | | | 120 | |
| | | | | 132 | |
| | | | | 149 | |

THE MEANS AND SDs OF EACH AREA

Groups' raw scores were directly compared with the means and S.D. of the population (from Table V of the manual) upon which the norms are based.

Table No. 3
Table V of the FRI Manual
Mean and S.D. values (N = 1064)

| | MA | FA | PA | MC | FC | PC | MV | FV | PV |
|------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Mean | 18.10 | 19.93 | 35.30 | 15.72 | 12.27 | 23.30 | 11.18 | 13.65 | 17.1 |
| S.D. | 3.46 | 4.71 | 7.15 | 2.68 | 3.20 | 5.34 | 5.18 | 6.83 | 9.69 |

PROCEDURE

The standardized tool FAMILY RELATIONSHIP INVENTORY by Dr. (Mrs.) G.P. Sherry and Dr. J.C. Sinha was administered as per the instructions given in the manual of the tool on the sample after obtaining due permission from the Heads of the institutions drawn for this study (For letter ^{seeking} permission, refer Appendix-I). The inventory was in simple Hindi language and the students did not have any difficulty in filling it in. The students took between 50 and 60 minutes to fill in the inventory. The data was collected between 25.1.1999 and 3.3.1999. The collected data was scored as instructed in the manual.

METHOD OF ANALYSIS OF DATA

The data collected was subjected to statistical analysis. The statistical measures Mean, S.D., Chi-square test, were computed in pursuance of the objectives of this study.