

CHAPTER - IV

METHODOLOGY

Logical step after establishing Validity and Reliability of instrument was to put it into active testing in the field. The method with which the investigator proceeded to test the utility of test developed has been discussed in this chapter.

4.1 Sample :

The sample for the study was a Random Sample. The sample was taken from two cities Rewa and Bhopal. Three school were selected from the government sector and the public or private sector. Age range of the students was 11 to 13 years.

All the students were taken from the standard seventh. The reason for this being that the selected values have been delt within the curricular text books as well as it is a representative sample of students who have been exposed to the core curriculum values for all the years in primary and upper primary education in all sample consisted of 110 girls and 73 boys. A detailed description of the sample has been presented in Table 4.1.

Table 4.1 : Details of the Sample

No.	Name of the School	Category	Boys	Girls	Total
1.	Govt. Middle School Laxmimandi Bhopal	Government	19	12	31
2.	Shri Aurobindo School T.T. Nagar, BPL	Private	14	17	31
3.	Praveen Kumari Girls H.S. School, Rewa	Government	-	50	50
4.	Sudesh Kumari Boys H.S. Scool, Rewa	Government	20	-	20
5.	Jyoti H.S. School Rewa	Private	20	31	51
	Grand Total	-	73	110	183

4.2 Tools :

The following tools were used for assessing the four values namely secularism (A) Conservation (B) Equality (C) Scientific Temper(D)

1. Affective Value Measure - Secularism
2. Affective Value Measure - Conservation
3. Affective Value Measure - Equality
4. Affective Value Measure - Scientific Temper

Distribution of the items under each value have been given table 4.2.

Table - 4.2 : Distributions of items under each value

S.No.	Name of the Value	No. of Items	Code for the Value in (Booklet)
1.	Secularism	9	A
2.	Conservation	9	B
3.	Equality	9	C
4.	Scientific Temper	9	D
	Total	36	

Details of the tools have been discussed in the earlier chapter III.

4.3 Collection Of Data :

Data were collected in groups , in one school at a time by the investigator with the help of co-tester. Each testing session was proceeded by a brief introductory speech, explaining to the students purpose of the researcher, nature of the testing instrument, and the

need to take them seriously and respond authentically and without inhibition.

All the instruments were in Hindi as it is the mother tongue in the area where the sample schools belong. Student did not report any language problem.

4.4 Instructions For Test Administrations :

(a) Affective Value Measures :

The items belonging to the four values were presented in the form of Booklet put together with a set of common instructions. The sections demarcating the values were categorized A,B,c and D respectively for secularism, conservation, equality and scientific temper.

(b) Rating Scale :

The rating was obtained from the instrument attached to the booklet as part II. The students were instructed for it after they had finished part I.

Details of instructions have been given in chapter IV.

4.5 Scoring and Tabulation of the Data:

(a) Affective Value Measures :

The responses in the four values were obtained in the form of tick marks (√) against one of the given three alternative answers. The responses were scored by converting (√) for right answer into 2 marks (√) on wrong answer into (0) marks. Marks were

added for each value separately. Total marks scored in each value were tabulated on a data sheet and grand total for all the four values was also scored on the same sheet for the purpose of analysis.

(b) Ratings Scale :

In case of self ratings marks were assigned to the positions 1,2,3 and 4 according to the worth given to it by the individual learners in the value rating.

Table Details of Sample :

Table : Distribution of Items under each value

4.6 Statistical Analysis of the Data :

1. Reliability
2. Validity
3. Means
4. 't'
5. Percentages
6. Pie Chats

Details of analysis have been reported in next chapter.
