CHAPTER- IV

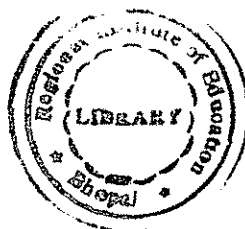## ANALYSIS OF DATA

&

INTERPRETATION

OF

RESULTS

CHAPTER -IV

Analysis of Data and interpretation of result

After discussing the importance of continuous and comprehensive Assessment and its tools and techniques and taking a brief review of researches conducted in this area to support the rationale of the present study, detailed plan of the study was presented in chapter third . the hypothesis to be tested variable involved ,sample selected tools employed and the manner in which the relevant data was collected and other methodological details are discussed in this chapter . the data thus collected was subjected to appropriate statistical/non statistical procedure to test the hypotheses with which the study was initiated. The details of the statistical techniques employed for analysis of the data . results obtained through this analysis and the decisions regarding the rejection or non rejection of hypothesis are presented in this chapter.

Statistical techniques are used for organizing. Analyzing and interpreting numerical data . Statistics is a basic tool of measurement &Assessment ,when research has quantifiable data . statistical method goes to the fundamental purpose of description and analysis. By statistics we can analyze and interpret the data and can draw conclusions . if the collective data are systematically arranged and analyzed through appropriate scientific and statistical techniques the result obtained are scientific and correct.

Interpretation of data refers to that important part of the investigation which is associated with the drawing of the inference from the collected facts after an analytical study . it is the interpretation that makes it possible for us to utilize collected data in various fields

5. To find the various techniques of Evaluation. which are less applied.

6. To find the various tools of e valuation which are less applied.

7. To find the various techniques of Evaluation. which are not applied at all.

8. To find the various tools of Evaluation. which are not applied at all.

1. To find the applications of various techniques of Evaluation.

<u>Table 4.1 :</u>
<u>Applications of various techniques of Assessment</u>

Schools- Techniques-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	%
Examination	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
Assignment	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
Project	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
Narrative report	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	06%
Narrative record	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	06%
Student interview	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
Self assessment	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	60%
Peer assessment	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	53%
Group assessment	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	53%
Conversation	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100%
Student reporting paper	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Video	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	13%
Photograph	0	1	1	0	0	1	1	1	0	0	1	1	1	0	1	60%

The table indicate the various techniques of Assessment and their respective percentage of application in various C.B.S.E schools. No 1 indicate yes and no 0 indicate no.

3. To find the various tools of Evaluation.

Table 4.2 :
Applications of various tools of Assessment

Schools- Tools -	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	%
Observation schedule	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0	53%
Test/ inventories	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100%
Checklist	0	1	1	0	0	0	0	1	0	0	0	1	1	0	1	40%
Rating scale	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	26%
Anecdotal record	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	13%
Document analysis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100%
Portfolio	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	93%
Teacher made/standardized test	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100%
Aptitude test	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100%

This table indicate the various tools of Assessment and there percentage of application mention response no 1 indicate yes and no 0 indicate no.

4. To Find the application of various techniques of Evaluation highly applied.

Table 4.3
Techniques of Evaluation highly applied

NAME OF THE TECHNIQUE	PERCENTAGE OF APPLICATION
1.Examination	100%
2Assignment	100%
3. Project	100%
4. Student interview	100%

5. To Find the application of various tools of Evaluation highly applied.

Table 4.4
Tools of Evaluation highly applied

Name of the tool	Percentage of application
1. test/inventories	100%
2.document analysis	100%
3.Teacher made/Standardized test	100%

6. To Find the application of various techniques of Evaluation less applied.

Table 4.5
Techniques of Evaluation less applied

Name of the technique	Percentage of application
1.Narrative report	06%
2Narrative record	06%
3. Self assessment	60%
4. Group assessment	53%
5.Peer assessment	53%
6. Video	13%
7.Photograph	60%

7.   To Find the application of various tools of Evaluation less applied.

Table 4.6
Tools of Evaluation less applied

Name of the tool	Percentage of application
1. observation schedule	53%
2. anecdotal record	13%
3. checklist	40%
4. rating scale	26%
5. portfolio	06%

8.   To Find the application of various techniques of Evaluation not at all applied.

Table 4.7
Techniques of Evaluation not at all applied

Name of the technique	Percentage of application
1.Student reporting paper	0

Tools of Assessment not at all applied

Since all the tools are used to varying percentage so no tool is available which is not at all applied.