A Study of Scientific attitude of urban and rural student teachers in Dhule city.

[1] Deepak Kashinath Chaudhari

[1] D.D. Vispute college of education, Dhule, Maharashtra.

Abstract : Rational and unbiased thinking is the main characteristic of teacher and scientific attitude is helpful to develop it. In present study researcher carried out survey in dhule city (Maharashtra) to find out level of scientific attitude in student teachers. Data for this survey is collected by scientific attitude scale which is standerdised research tool. And purposive sampling method is used to select sample for study. Analysis of collected data is done by calculating central tendencies and percentage distribution which was based on score of student teachers. And with the help of above mentioned process conclusions of study is mentioned.

INTRODUCTION

Scientific attitude is one of the most important factor in progressive thinking. Teachers are considered as engineer of society because role of teacher is important for give the direction to students thinking. There are so many illogical rituals and superstition in Indian society. Progressive teacher can able to change this situation. So it is important to find out level of scientific attitude in student teachers.

OBJECTIVES OF STUDY

1) To find out level of scientific attitude in urban student teachers.
2) To find out level of scientific attitude in rural student teachers.

RESEARCH METHODOLOGY

In present study for find out scientific attitude in urban and rural student   teachers survey method is carried out.

Sampling and Sampling:-

Sample of 100 student teachers are selected by purposive sample method from colleges of education in dhule city out of which 50 students are from urban area and 50 students from rural areas. Students selected in sample was studying in academic year 2017-18.

Tools of research:-

For present study data collection is carried out by standerdised science attitude scale developed by Dr. Mrs. Avinash Grewal. Reliability of this test is 0.75 with content validity. There are 20 questions in this test.

Statistical analysis:-

There was a score of tests filled by sample. By using this score mean, mode, median, standard deviation, skewness and kartosis value as well as distribution of percentage is calculated for checking above mentioned objective.

Table no:-1. To find out Scientific attitude of urban Student teachers.

N	M	Mo	Mdn	S.D	SK	Ku.
50	50.72	54	51	7.29	-0.11	0.52

1) In this test values of mean, mode, median are 50.72,54,51 respectively which are not same so distribution is not normal.
2) Value of kurtosis is 0.52 which is bigger than 0.263 so there is platy kurtic type of curve.
3) Value of mean is smaller than median so it is negative skew curve.

4) Table no.- 2. Distribution of urban Student teachers according to score in science attitude test.

Level of Scientific Attitude	Student teachers Percentage
Extremely high favourable	3.18%
High favourable	6.81%
Above average favourable	17.72%
Average favourable	40%
Unfavourable	23.18%
Very Unfavourable	8.63%
Extremely Unfavourable	0.45%

Table no:-3. To find out Scientific attitude of rural Student teachers.

N	M	Mo	Mdn	S.D	SK	Ku.
50	49.20	50	49	6.77	0.08	0.11

1)   In this test values of mean, mode, median are 49.20,50,49 respectively which are nearly same so distribution is normal.
2)   Value of kurtosis is 0.11 which is smaller than 0.263 so there is platy kurtic type of curve.
3)   Value of mean is bigger than median so it is positive skew curve.

Table no.-4. Distribution of rural Student teachers according to score in science attitude test.

Level of Scientific Attitude	Student teachers Percentage
Extremely high favourable	2.20%
High favourable	7.57%
Above average favourable	23.22%
Average favourable	38.87%
Unfavourable	17.36%
Very Unfavourable	8.80%
Extremely Unfavourable	1.95%

CONCLUSION
Objective no- 1. To find out scientific attitude of urban student teacher of college of education
As per responses noted by urban student teachers to scientific attitude scale, their level of attitude is found as mentioned below.
In extremely high favourable range 3.18% in high favourable range 6.81%, in above average favourable range 17.72% and in average favourable range 40% similarly 23.18% are in unfavourable range 8.63% are in very unfavourable range and in extremely unfavourable range 0.45% student teachers of urban category are appeared.

Objective no- 2. To find out scientific attitude of rural student teacher of college of education

As per responses noted by rural student teachers to scientific attitude scale, their level of attitude is found as mentioned below.

In extremely high favourable range 2.20% in high favourable range 7.57%, in above average favourable range 23.22% and in average favourable range 38.87% similarly 17.36% are in unfavourable range 8.80% are in very unfavourabe range and in extremely unfavourable range 1.95% student teachers of rural category are appeared.

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