



A STUDY OF TEACHING APTITUDE OF B.ED PUPIL TEACHERS IN RELATION TO THEIR GENDER, LOCATION, STREAM AND TYPE OF INSTITUTIONS

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ABSTRACT

The present study based on the teaching aptitude of B.Ed pupil teachers in relation to their gender, location, stream and types of institutions. Aptitude is a natural ability; by this natural ability we can perform various tasks. What is the amount of capability we have at a certain level in order to perform a task properly that is called aptitude. When we look at the capability in the teaching field of any teacher or people teacher of teaching it's called teaching aptitude. This study was conducted over 100 B.Ed pupil teachers from two Govt. and two Private teachers training colleges in Purulia and Birbhum district, West Bengal, India. The data has been collected by standardised questionnaire from the students. In this study used statistical techniques such as mean, standard deviation, t-test were applied for analysis of data. It has been found that the female students have comparatively high teaching aptitude than the male students and few more results have been discussed in this paper.

KEY WORDS: *teaching aptitude, B.Ed pupil teachers, gender, location, stream, type of institution.*

1. INTRODUCTION:

Aptitude is a natural talent of a person in doing something. In other word it can be said that aptitude = ability + success potentiality. By aptitude we can predict the future success or failure of an individual inherent in them distinct form general intellectual ability. Aptitude is some inner combination of characteristic of an individual which helps to improve the behaviour and acquire skills and knowledge by

the proper training. According to psychologist Bingham 'It is a condition symptomatic of a person's fitness, of which one essential aspect in his readiness to acquire proficiency his potential ability and another readiness to develop an interest in exercising his ability'.

Aptitude test are the tool for determine the capacity, potentiality of an individual. According to Dahiya and Shing 'aptitude for teaching is a condition or set of characteristic including knowledge, understanding and attitude regarded as a symptomatic or indicative of individual's ability to acquire with training ability for teaching work'. Aptitude, in the context of teaching, implies how well an individual would be able to learn and achieve skills and also knowledge about teaching, its method, child psychology etc. it is also indicates fitness of an individual for teaching job.

To do well in the job teachers or pupil teachers often evaluate themselves by the teacher aptitude test to acquire the important skills and competences. So we can say that teaching aptitude is an essential for becoming a good teacher or for pupil teacher.

2. REVIEW OF RELATED LITERATURE:

Mithlesh Topal and Bhupesh Chandra Pant (2016) found that there is no significant difference of teaching aptitude between male and female pupil-teachers and also there is no significant difference on the basis of their caste, living area, family type, but on the basis of subject stream.

Dr. Mahesh Kumar Muchhal and Arun Kumar (2016) found that no significant difference between teaching aptitude of male and female science teachers and government and private science teachers in senior secondary school.

Dr. Abha Sharma and Kanta Bedi (2016) found that no significant difference between aptitude of male and female teachers of urban areas and rural areas.

Dr. Kusum Lata (2017) found that teaching aptitude and its variables are significantly related to level of Aspiration which shows the importance of these variables in the selection of teaching profession.

Mrs. Harmeet Kaur (2014) found that in teaching aptitude have not any significant difference of pupil teachers in relation to gender, location, stream but before joining B.Ed. training course, he found significant difference in relation to their professional experience as a teacher.

Dr. Shri Krishna Mishra (2012) found that no significant gender deference in the teaching aptitude among the middle class teachers of khargone city.

J. D. Singh & S. Kaur (2018) found that in teaching aptitude has not any significant difference of prospective teachers in relation to interaction effect of academic and intelligence.

3. STATEMENT OF THE PROBLEM:

The problem of the present study was specified and state as, "A study of teaching aptitude of B.Ed pupil teachers in relation to their gender, location, stream and type of institutions."

4. SIGNIFICANCE OF THE STUDY:

Teaching is a very important profession in this society. All profession created by teaching profession. It is compulsory for all pupil teachers be teaching aptitude for teaching. By this study we can measure pupil teachers teaching capacity, potentiality and he/she choose teaching profession correctly or not. We come to know have any significant difference between teaching aptitude of pupil teachers in the basis of gender, location, stream and type of institutions.

5. OBJECTIVE OF THE STUDY:

To study the teaching aptitude of B.Ed pupil teachers on the basis of their gender, location, streams and type of institutions.

6. HYPOTHESES OF THE STUDY:

H₀1: There is no significant difference in teaching aptitude of B.Ed pupil teachers on the basis of gender.

H₀2: There is no significant difference in teaching aptitude of B.Ed pupil teachers on the basis of location.

H₀3: There is no significant difference in teaching aptitude of B.Ed pupil teachers on the basis of streams.

H₀4: There is no significant difference in teaching aptitude of B.Ed pupil teachers on the basis of institutions.

7. METHODOLOGY:

- **Method of the study:** Descriptive survey method has been used for this study.
- **Population of the study:** Pupil teachers of Govt. B.Ed Colleges and private B.Ed colleges of Purulia and Birbhum districts, West Bengal, India were the population of the study.
- **Sample of the study:** It is impossible to conduct the study with such a huge population, that's why a representative sample was taken out from the population. For this present study, 100 samples (50 Govt. and 50 Private B.Ed college pupil teachers) were randomly selected from the population.
- **Tools of the study:** In this present study, researcher has used Teaching Aptitude Test scale, was developed and standardised by Dr. Surrender S. Dahiya and Dr. L.C. Singh. The Teaching Aptitude Scale consists 50 items which measure teaching aptitude of B.Ed pupil teachers.
- **Procedures:** This study was conducted with the help of above scale to collect the primary data and test the hypotheses. All subjects were asked to respond to the items and their responses were to be confidential.
- **Statistical techniques:** Mean, SD, t –test will be used for analyze of data.

8. ANALYSIS AND INTERPRETATION OF DATA:

Testing of hypotheses:

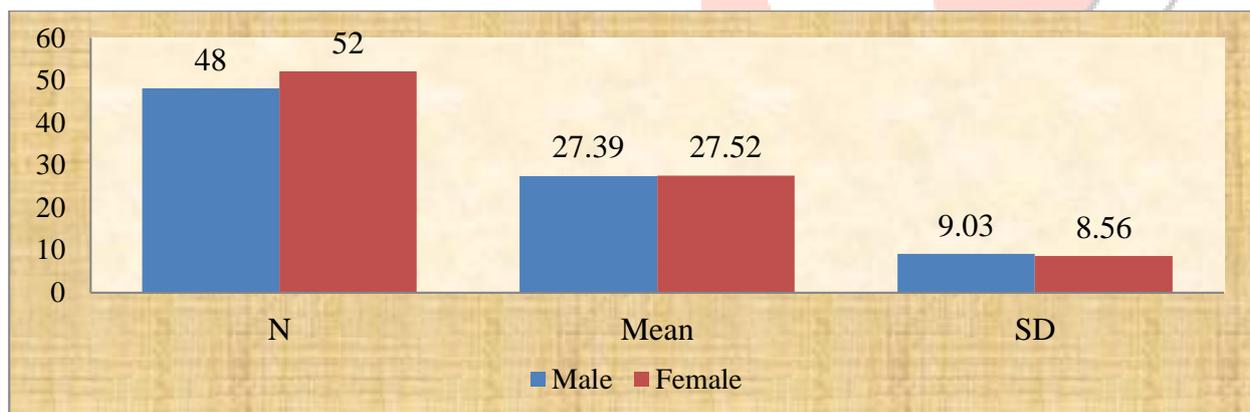
- **H₀₁:** There is no significant difference in teaching aptitude of B.Ed pupil teachers on the basis of gender.

Pair	N	Mean	SD	Mean Difference	Df	t- value (Calculated)	Table t- value	Remark
Male	48	27.39	9.03	0.12	98	0.07	1.99 (0.05)	Not Significant in both level
Female	52	27.52	8.56					

Table No.1: Mean, Standard deviation and t-value of 48 male and 52 female B.Ed pupil teachers in relation to the teaching aptitude.

Figure No. – 1

Graphical Representation of Number, Mean & SD of the Male and Female B.Ed pupil teachers in relation to the teaching aptitude



The above table and figure show that the Mean Score of the Male and Female B.Ed pupil teachers in relation to the teaching aptitude are 27.39 and 27.52 respectively and SD are 9.03 and 8.56 respectively. It indicates that the Mean Score on teaching aptitude of the female Students are comparatively higher than that of the male Students. Therefore, it can be said that the female students have comparatively high teaching aptitude than the male students of B.Ed colleges of West Bengal on the basis of their obtained Mean score.

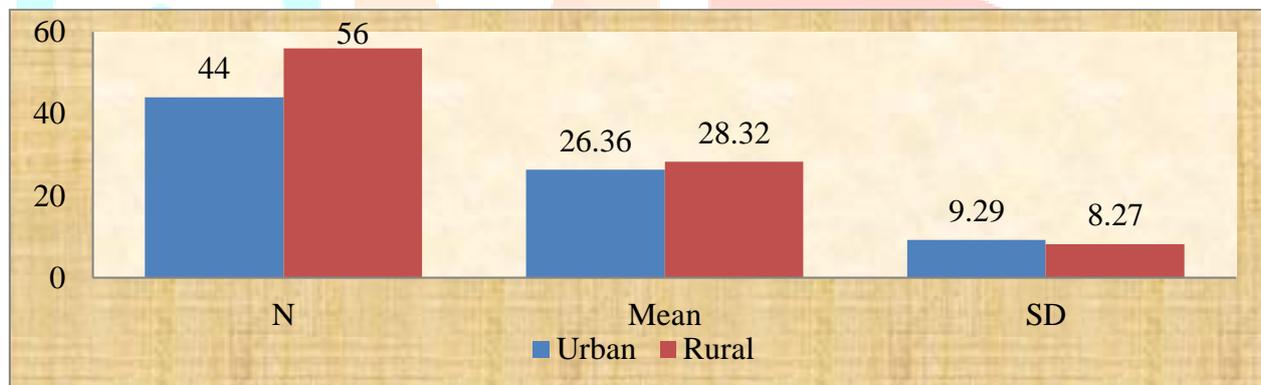
- **H₀2:** There is no significant difference in teaching aptitude of B.Ed pupil teachers on the basis of location.

Pair	N	Mean	SD	Mean Difference	Df	t- value (Calculated)	Table t-value	Remark
Urban	44	26.36	9.29	1.96	98	1.10	1.99 (0.05)	Not Significant in both level
Rural	56	28.32	8.27				2.63 (0.01)	

Table No.2: Mean, Standard deviation and t-value of 44 urban and 56 rural B.Ed pupil teachers in relation to the teaching aptitude.

Figure No. – 2

Graphical Representation of Number, Mean & SD of the Urban and Rural B.Ed pupil teachers in relation to the teaching aptitude



The above table and figure show that the Mean Score of the Urban and Rural B.Ed pupil teachers in relation to the teaching aptitude are 26.36 and 28.32 respectively and SD are 9.29 and 8.27 respectively. It indicates that the Mean Score on teaching aptitude of the rural students are comparatively higher than that of the urban students. Therefore, it can be said that the rural students have comparatively high teaching aptitude than the urban students of B.Ed colleges of West Bengal on the basis of their obtained Mean score.

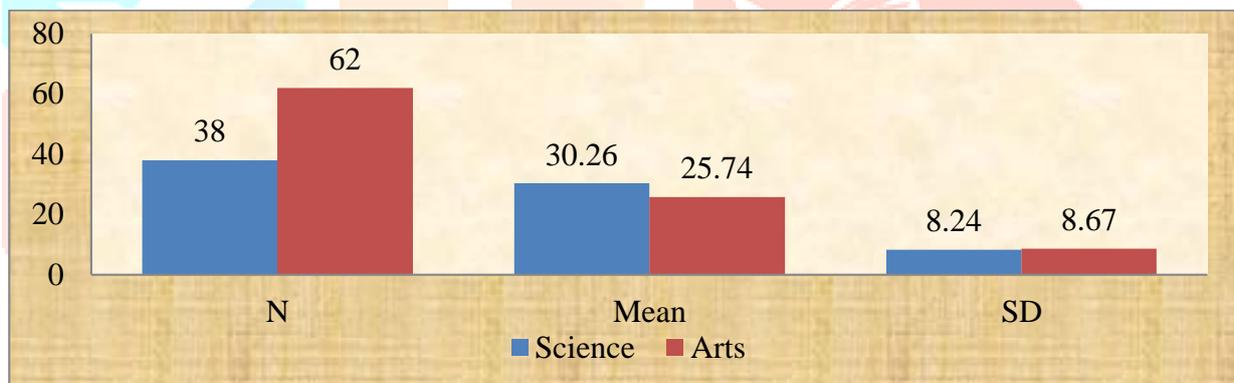
- **H₀₃**: There is no significant difference in teaching aptitude of B.Ed pupil teachers on the basis of streams.

Pair	N	Mean	SD	Mean Difference	Df	t- value (Calculated)	Table t- value	Remark
Science	38	30.26	8.24	4.52	98	2.55	1.99 (0.05)	Significant in 0.05 level and Not
Arts	62	25.74	8.67				2.63 (0.01)	Significant in 0.01 level

Table No.3: Mean, Standard deviation and t-value of 38 science and 62 arts B.Ed pupil teachers in relation to the teaching aptitude.

Figure No. – 3

Graphical Representation of Number, Mean & SD of the Science and Arts B.Ed pupil teachers in relation to the teaching aptitude



The above table and figure show that the Mean Score of the Science and Arts B.Ed pupil teachers in relation to the teaching aptitude are 30.26 and 25.74 respectively and SD are 8.24 and 8.67 respectively. It indicates that the Mean Score on teaching aptitude of the science students are comparatively higher than that of the arts students. Therefore, it can be said that the science students have comparatively high teaching aptitude than the arts students of B.Ed colleges of West Bengal on the basis of their obtained Mean score.

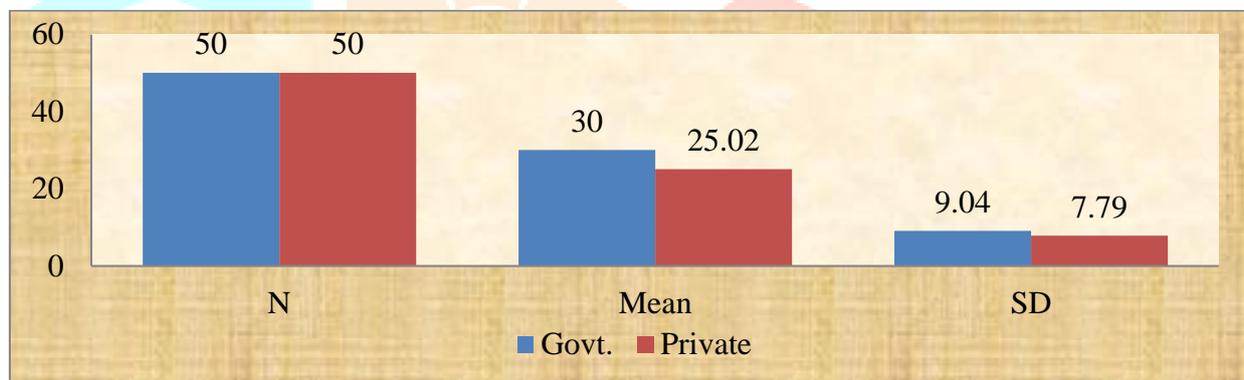
- **H₀4:** There is no significant difference in teaching aptitude of B.Ed pupil teachers on the basis of institutions.

Pair	N	Mean	SD	Mean Difference	Df	t- value (Calculated)	Table t- value	Remark
Govt.	50	30	9.04	4.98	98	2.92	1.99 (0.05)	Significant in both level
Private	50	25.02	7.79				2.63 (0.01)	

Table No.4: Mean, Standard deviation and t-value of 50 Govt. and 50 Private B.Ed pupil teachers in relation to the teaching aptitude

Figure No. – 4

Graphical Representation of Number, Mean & SD of the Govt. and Private B.Ed pupil teachers in relation to the teaching aptitude



The above table and figure show that the Mean Score of the Govt. and Private B.Ed pupil teachers in relation to the teaching aptitude are 30 and 25.02 respectively and SD are 9.04 and 7.79 respectively. It indicates that the Mean Score on teaching aptitude of the Govt. B.Ed pupil teachers are comparatively higher than that of the Private B.Ed pupil teachers. Therefore, it can be said that the Govt. B.Ed pupil teachers have comparatively high teaching aptitude than the Private B.Ed pupil teachers of B.Ed colleges of West Bengal on the basis of their obtained Mean score.

9. FINDINGS:

1. It is found that the female students have comparatively high teaching aptitude than the male students of B.Ed colleges of West Bengal on the basis of their obtained Mean score.
2. It is found that the rural students have comparatively high teaching aptitude than the urban students of B.Ed colleges of West Bengal on the basis of their obtained Mean score.
3. It is found that the science students have comparatively high teaching aptitude than the arts students of B.Ed colleges of West Bengal on the basis of their obtained Mean score.

4. It is found that the Govt. B.Ed pupil teachers have comparatively high teaching aptitude than the Private B.Ed pupil teachers of B.Ed colleges of West Bengal on the basis of their obtained Mean score.

10. DISCUSSION & CONCLUSION: Aptitude test we can use for measure of the abilities of a person. By this teaching aptitude test we can measure who want to enter teaching profession on the basis of their knowledge and skill, so we can say that teaching aptitude is so important for pupil teacher. From the all above findings we can say that the teaching aptitudes among the B.Ed pupil teachers are not very high and not very low, it's moderate. The researcher found that not significant results between male & female and urban & rural pupil teachers. But in the other hand got significant result between the Govt. and Private teachers training institution.

11. LIMITATIONS OF THE STUDY:

1. In this study 100 B.Ed pupil teachers are taken as sample from both genders from two Govt. and two Private Colleges of Purulia and Birbhum district. For more valid result, sample should be increased. But it was not possible due to limitation of time and money.

2. In this study two Govt. And two Private B.Ed colleges were selected. Result could have been more valid, if samples were collected from more numbers of B.Ed colleges. But it was not possible due to limitation of time and money.

12. EDUCATIONAL IMPLICATION:

1. By this teaching aptitude test we can choose qualitifful teachers for teaching.

2. By this teaching aptitude test we are know about that the pupil teachers teaching aptitude test scores were very high, average or low. On the basis of we can take many steps for increased teaching aptitude of pupil teachers in future.

13. SUGGESTIONS FOR FURTHER RESEARCH:

1. The present study can be done in board area.

2. Similar study can be done on the basis of caste category.

3. Similar study can be done on the basis of type of family.

4. Similar study can be done on the basis of their parental status.

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