



# A STUDY OF TEACHING APTITUDE AMONG B.ED STUDENTS

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## ABSTRACT

*An aptitude indicates the competency of an individual to learn and acquire new skills those necessary for the success of individual in particular field. Teaching aptitude indicates the acquired capacity in teaching profession of individual in the field of teaching after providing absolute training and different type of opportunities etc. In this study, investigator explored the teaching aptitude among B.Ed student teachers because they are the future teachers and most of times they become the role model for their pupils. A representative sample of 60 (32 boys and 28 girls) student teachers was taken and self prepared questionnaire (in google form) used to collect data in virtual way. It usually signifies the mainly three domains like cognitive, affective and psycho-motor domains in teaching. Investigator mainly instructed to tick the all questions within 20 minutes to complete the test. At last, after the collection or analysis of the data investigator found there is no significant difference in teaching aptitude among B.Ed student teachers gender basis.*

**KEYWORDS:** *Aptitude, Teaching aptitude, B.Ed student teachers*

## INTRODUCTION

“Animals are trained but teachers are educated.”  
W.H.Kilpatrick

In development of educational system mainly contribute of policy-maker, administrators, educationist and most essentially teachers. Teachers are like Karamyogi those source of great ideas and knowledge, justice, courage, wisdom, and nobility those do not only teach the students but also transfer their values, knowledge, experience, and inspire to learn. Performance of teachers depend upon effectively in order to come out desire outcome those related to thinking skill of students, understand how to learn, ability to learn, and develop the habits of work collaboratively in groups and positive change in modification of behaviour because pupil behaviour is mainly contemplation of action of teacher because they have ability to see each learner strength and weakness. According to their need they can assist and guide the student's so that build a positive and inspired future generation a good life in the society.

Teaching is a creative and highly complex activity and its effectiveness is closely linked to content knowledge, instructional planning, inspire the pupil's, evaluate their competencies, establish the good growing learning environment, use efficient methods and classroom management skills. Most primarily quality of success of learning will not be only measured in forms of percentage of academic score, quantity knowledge contribution etc., but it has also include quality of life, self-restraint, and loyalist.

So its very essentially for teachers may organize thyself with certain traits like aptitude and attitude with regard to the profession of teaching. No student teacher can be perfectly successful if they do not have positive attitude and aptitude with regard to the teaching profession.

## TEACHING APTITUDE

The word ‘**aptitude**’ is originated from Latin aptus (“apt., fit”). The term aptitude is defined by the psychologist in many different cases do happen like as ‘role of training’, ‘readiness or quickness in learning’, ‘acquired capacity for something’, ‘quality of being apt.’, ‘talent’, ‘interest in activity’ and so on.

An aptitude also indicates to the competency of an individual to learn and acquire new skill those can be improved with practice and effective training. An aptitude is the combination of certain pattern of traits of individual potentialities (unusual and unique potential) those indicates his inborn capacities, skills and developed abilities those increase the chance of success of individual life. Traxler described ‘aptitude’ is present condition of individual potential to perform a specific task in the future. The aptitude measure mainly indicates that what an individual able to learn which areas they use their specific ability or specific capacity apart from general intellectual ability those helps an individual to success and failure of individual which type of profession choose by them. **Teaching** indicates the interaction between teachers and students which mainly involves the



process of tutor-taught-environment, methods/skills, curriculum, evaluation, discipline, multi-level/grade activities and effective communication etc. Lal R. and Shergil S.S (2012), described the teachers are main pullers in education, so we can say that success of students depend up a good aptitude and right attitude of teaching profession.

**Teaching aptitude** indicates the acquired capacity in teaching profession of individual in the field of teaching after providing absolute training and different type of opportunities etc. to the according to individual capacity, ability or academic potential for acquisition of certain characteristics those helpful in identifying learner need and outcomes and help him to achieve their objectives and its also represents the creativity of the tutor those able to teach, guide, management the classroom activities and motivate his student's, arrange new or innovative method of teaching or implement the new ideas in different way etc. Dave N. and Raval D.,(2015) described the teaching aptitude as a set of conditions and characteristics occupied by individual and his ability or skills not only include the subject matter but also include his aims and schooling.

Teaching attitude, aptitude and effectiveness is all the quality of good teacher those play the important role of student's life like as leadership, ability, patience, discipline, creativity etc. those helpful in anticipate the future success of an individual. Jan.f.et al., (2015) described a right aptitude is mainly source of create the competitive advantageousness for educational institutions or organizations, hence we should mainly focus on right policies and strategies those helpful for evaluate, develop a right aptitude among teachers or employees.

Some specific factors play the important role in teaching aptitude to shape it up. Like as

- Value, beliefs and attitude
- Acceptance
- Honesty related teaching profession
- Intelligence and creativity
- Flexibility
- Equitable behaviour
- Positive attitude towards children
- Adoptability about environment etc.

A good student teacher must be awareness about specific factors/essentials of teaching those represent a good teacher aptitude qualities such as: lesson plan, updated curriculum related knowledge, learning material, knowledge of new method, learning strategies, use the knowledge of evaluation method, quality of organise the multi-level or multi-grade activities, good communication skills or specific quality of intervention (when or how) to help the students in particular things. All of these qualities are possible when tutor have adjustment quality with themselves as well as their students.

## OPERATION DEFINATION

**Teaching aptitude:** - By this term the investigator means to assess the teaching aptitude among B.Ed student teachers on the basis of marks obtained in virtual test those made in google form. It usually signifies the mainly three domains like cognitive, affective and psychomotor domains in teaching.

## EMERGENCE OF THE STUDY

In the process of education educators and teachers play a very important role in education policy which mainly include quality teachers, school infrastructure, curriculum development according to demand of society. Teachers aptitude, attitude, skills, understanding, faith on teaching profession, democratic behaviour or personal adjustment with pupil is very helpful for ability to construct or develop a new or knowledgeable environment, organise or manage school related activities etc. those play overall development of students. These all qualities is fulfill if they have good positive aptitude about their teaching profession because teachers role is not only verbally transfer of idea or knowledge but also relate create or construct their own knowledge in the students.

This study mainly focus on key points of teaching aptitude among B.Ed student teachers like as if the student teachers have good positive attitude they can easily manage the pupil, understand child psychology or organise the classroom activities according to interest or need etc. An aptitude is inborn in nature like as specific ability, potential, skills of individual etc. those decide the success of human personality, just like that teaching aptitude of student teachers is not only relate their intelligence, class performance, gender (boys and girls) basis etc. but it represents the overall personality of student teachers like as cognitive, affective or pscho-motor skills.

## STATEMENT OF THE PROBLEM

*A study of teaching aptitude among B.Ed student teachers*

## OBJECTIVES OF THE STUDY

1. In this study, to compare the teaching aptitude among B.Ed student teachers on gender basis (boys and girls).
2. To determine the quality of teaching aptitude among B.Ed student teachers gender basis (boys and girls).

## HYPOTHESIS OF THE STUDY

In this study null hypothesis applied like as there is no relationship between teaching aptitude among B.Ed student teachers on gender basis (boys and girls).



### METHODOLOGY

The investigator applied the purposive sampling method of research for the data collection, but the way to conduct the data is online medium considering that is helpful to draw a valid general conclusion.

### SAMPLE

In this study, an investigator took 60 samples of B.Ed student teachers (boys or girls) or used purposive sampling method to collect the sample.

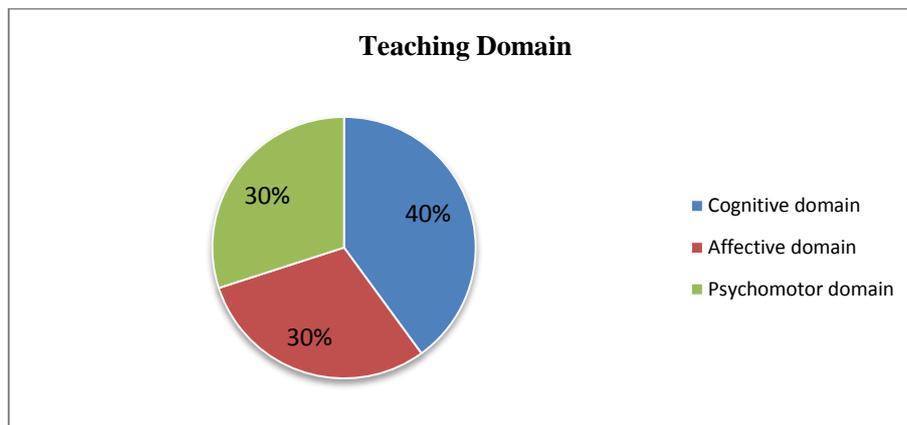
### TOOL USED

Self prepared questionnaire by the investigator.

### DESCRIPTION OF THE TOOL

In this study, an investigator used self prepared questionnaire. It consists of 20 items having mainly three dominion, cognitive domain, affective domain and psychomotor domain.

Description of item		
Cognitive domain	Affective domain	Psychomotor domain
1,2,7,14,15,17,19,20	3,8,9,11,16,18	4,5,6,10,13,12
=8	=6	=6



### ADMINISTRATION AND SCORING

The test was administered to use purposive sampling method, use self prepared questionnaire (in google form) to collect data virtual way, which both include boys and girls B.Ed students. They were assured that no information disclosed to anyone consequently they give their response without any fear. They were instructed to tick all the 20 questions and essentially given 20 minutes to complete the test virtual way and also one mark assigned with one question.

the teaching aptitude among B.Ed student teacher on gender basis (boys and girls).

### STATISTICAL TECHNIQUES USED

The data was analyzed statistically by using mean, median, mode, standard deviation and t-test to access

### ANALYSIS AND INTERPRETATION OF THE DATA

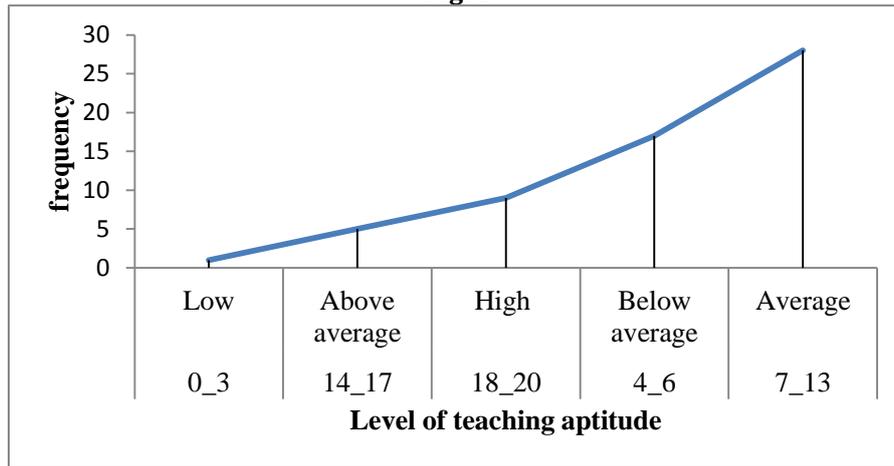
In educational research, this step is heart of research to analysis the collection of data and interpretation of the collected data. It deals with nature of score of data collected in numerical way like mean, median, mode, standard deviation and t-test.

#### Section-1: Teaching aptitude among B.Ed students teachers (both boys and girls).

Table-1

Sr. No.	Scores	frequency	Level of teaching aptitude
1.	18-20	9	High
2.	14-17	5	Above average
3.	7-13	28	Average
4.	4-6	17	Below average
5.	0-3	1	Low

Fig. 1



The result of this table and figure show that if the student teachers have scored between 18 to 20 they have high teaching aptitude. 5 students have scored between 14 to 17 that means above average teaching aptitude. 28 student teachers have scored between 7 to 13 which mean average teaching

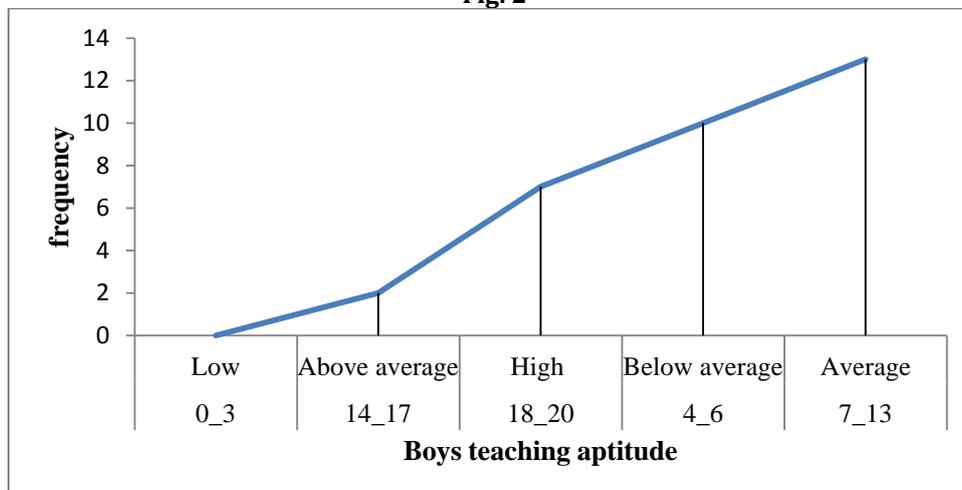
aptitude. 17 student teachers have scored between 4 to 6 that represent the below teaching aptitude. 1 student teacher scored between 0 to 3 that means 1 student has low level teaching aptitude. We can say it shows that there is average teaching aptitude among student teachers.

**Section-2: Teaching aptitude among boys of B.Ed student teachers.**

Table-2

Sr. No	Scores	frequency	Level of teaching aptitude
1.	18-20	7	High
2.	14-17	2	Above average
3.	7-13	13	Average
4.	4-6	10	Below average
5.	0-3	0	Low

Fig. 2



**Table-2.1 Mean, Median, Mode and Standard deviation (boys of B.Ed student Teacher).**

Variable	N	Mean	Median	Mode	Standard deviation
Teaching aptitude	32	10.75	10.26	12	5.18

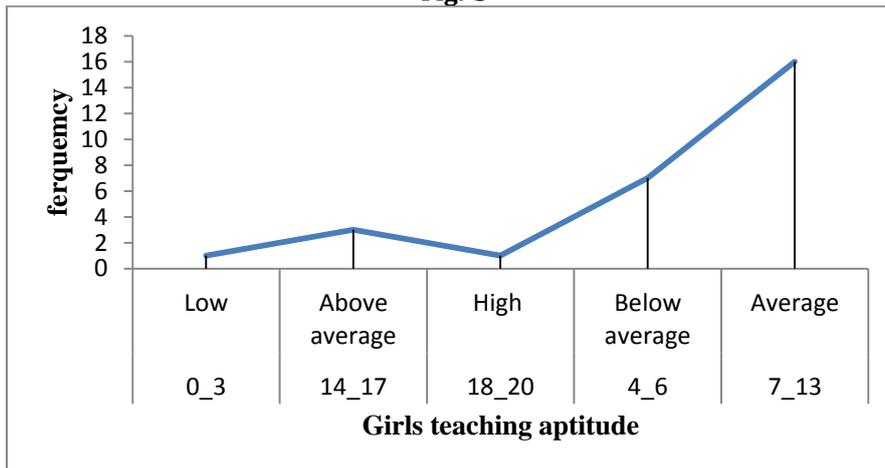
The results of table-2, figure-2 or table-2.1 shows that overall performance there is average teaching aptitude.

**Section-3: Teaching aptitude among girls of B.Ed student teachers.**

**Table-3**

Sr. No	Scores	frequency	Level of teaching aptitude
1.	18-20	1	High
2.	14-17	3	Above average
3.	7-13	16	Average
4.	4-6	7	Below average
5.	0-3	1	Low

**Fig.-3**



**Table-3.1 Mean, Median, Mode and Standard deviation (girls of B.Ed student Teacher).**

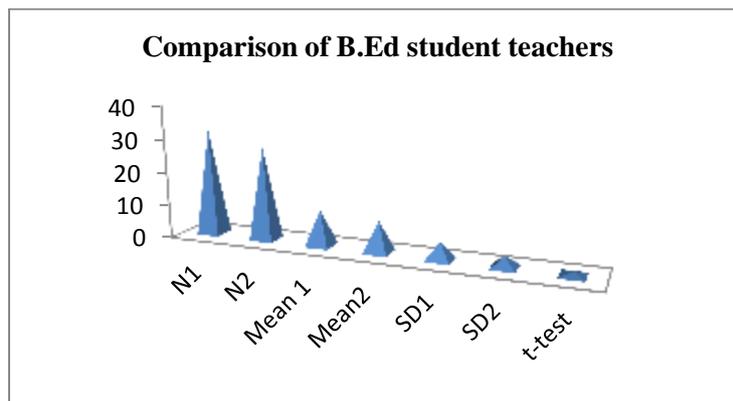
Variable	N	Mean	Median	Mode	Standard deviation
Teaching aptitude	28	9.35	10.87	10.63	3.18

The results of table-3, figure-3 or table-3.1 shows that overall performance there is average teaching aptitude.

**Table-4 Comparison of teaching aptitude among boys and girls.**

Groups	N	Mean	Standard deviation	t-test	Remarks
Boys student teachers	32	10.75	5.18	1.17	Not significant
Girls student teachers	28	9.35	3.18		

\*degree of freedom is 58.





We can say that there is no significant difference in teaching aptitude among (boys and girls) student teachers.

## RESULTS AND DISCUSSION

In the study overall result shows there is no significant difference between the teaching aptitude among (boys and girls) B.Ed student teachers. In the teaching profession one of the most essential method of guiding the student teachers with appropriate selected methods or methodologies (technique) those helpful for overall development of pupil's. Investigator mainly realize that for the student teachers, teaching aptitude is not just maintain at the moment in professional development or at the time of training, but its very important to maintain the same aptitude or attitude there after, hence the quality of teachers mainly depend upon that what type of training received by them like as teaching competency, skills, abilities, art of guiding the students, learning activities etc. In simple terms, teaching aptitude entrance test is play an important role in teaching education programme to improve efficiency or quality of program. It has also include measure of results/scores of individual but not based on caste, creed and gender basis infact, individual should be selected on the basis of teaching aptitude in teaching profession.

## DELIMITATIONS OF THE STUDY

1. In this study only 60 sample were collected from B.Ed student teachers nearby ludhiana.
2. Sample was collected by online method. Due to COVID-19 pandemic, it was not possible to visit the college personally.

## REFERANCE

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## Google form

<https://forms.gle/vyZRSvT5YDb1rwMe6>