



## Teaching Aptitude of School Teachers: A Gender-Based Comparison

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### ABSTRACT

Teaching aptitude of school teachers is an important factor in making the teaching profession more effective. This research study was carried out for comparison of female teachers' aptitude of teaching with male teachers of three districts Multan, Khanewal and Muzaffar Garh. The key objective of this research study was to analyze the teaching aptitude of female and male school teachers. The present study includes the sample of 350 teachers including 178 female school teachers and 1172 male elementary and secondary school teachers by using simple random sampling technique. A standardized Teaching Aptitude Test is used as a research instrument for the measurement of aptitudes of male and female teachers. Z-test was applied to compare the aptitude of teaching for female and male school teachers. Data analysis revealed that the significant difference is not found between the teaching aptitude of female and male school teachers. The study recommends to administer aptitude test at the time of selection of teachers to appoint those teachers for teaching profession who have high level of teaching aptitude.



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### INTRODUCTION

Teacher is very important and main pillar of education and educational system of any society. According to Nara & Kumar (2023) teaching may be defined as that all the activities which are designed and performed to create change in student's behavior. Profession of those who provide teaching particularly in an elementary and secondary school or in a university level is called teaching profession (Ranjith, & Achari, 2017). Concept of teaching is extremely straightforward: Communicate knowledge or ability, teaching is an activity and predicted behavior to persuade learning (Tasleema & Hamid, 2012).

Kuhn (2010) stated that teaching is a very specific profession where an individual is detained accountable throughout a series of, assessments tests and tools to conclude the learning and success of students. Teachers utilize their capabilities to communicate a multiplicity of teachable subjects to students within the classroom from math, history, social studies, science, to music, art and life abilities (Leigh, 2012).

Darling (2013) says that teaching is such a worthwhile and challenging profession, as teacher arrives outside the box, and frequently outside their sort of knowledge to assist students overcome academic, social and disturbing tasks to make sure achievement. It is gratifying when individuals have worked carefully with success in attaining pupils and permitting them to obtain their goal. Fischler (2007) highlighted that Teachers are important source to communities international, universal, and communitywide. They provide the major role of supporting and also provide the best possible means of education to a group of pupils that they probably can.

Aptitude is seen as a crucial personal characteristic. Aptitude reveals important aspects of a person's personality (Rajeeva, & Vanketsha, 2021). It can also forecast an individual's success or failure in a particular profession or subset of occupations. Aptitude can be defined as a person's clear interest in a certain skill or trade. To put it briefly, aptitude may be defined as a certain set of abilities and skills that allow a person to reach a certain level of knowledge in a given field. Armstrong (2009) stated that aptitude is a set of traits or developments, regarded as indicative of a character's functionality to obtain with education some (normally distinctive) proficiency, potential or set of comprehensive explanation of the functionality to talk a language, to create song etc. Bontempo (2012) stated that aptitude is an inborn or attained potential or ability in a specific turned, ability and inclination to study or detained. Aptitude is a circumstance or a hard and fast of traits seemed as symptomatic of a man or woman's capability to acquire with little education, a little knowledge, proficiency or set of answers beside with competency to speak a language. Even as we ask for advice from someone's aptitude for Science, Mathematics, Engineering, Medical or Music we are relating to his destiny too. According to Warren's Dictionary (2010) attitude may be defined as:

"Aptitude is a condition or a set of characteristics regarded as symptomatic of an individual's ability to acquire with some training, some knowledge, skills or set of responses such as ability to speak a language".

According to Mangal (2006) aptitude can be defined as a specific capability or unique competency which isn't the same as the overall intellectual capability which assists a man or woman to acquire the desired diploma of expertise or accomplishment in a special field. Aptitude is as a consequence character capability to analyze or to expand ability in a place if supplied with appropriate schooling or training (Singh, & Kaur, 2018).

Freeman (1965) studied that aptitude is a collection of qualities that show a person's capacity to learn specific information through instruction, develop musical talent, and do mechanical tasks. Additionally, he has made clear that aptitude is not the same as competence or talent. According to Dahiya and Singh (2004) "Dahiya and Singh Teaching Aptitude Test,"

"Aptitude for teaching is a condition or set of characteristics including Knowledge, understanding and attitude regarded as symptomatic or indicative of individual's ability to acquire with training abilities for teaching work."

Consequently, aptitude can be defined as a combination of a person's abilities and skills that enable him to excel in his line of work. One of the most crucial aspects of the teaching profession is teaching ability especially for them to successfully do their sacred duty (Sharma & Bedi, 2016). Any teacher cannot carry out their responsibilities effectively if they lack a significant degree of teaching aptitude, which highlights the critical significance that teaching aptitude plays in the teaching profession. Teaching aptitude is extremely important in the teaching area, as teaching is an art form, and personality is a stable and durable synthesis of a person's many physical and mental aspects (Eysenk & Derakshan, 2011).

### **Objective of the Study**

1. To compare the male and female teachers' aptitude of teaching.

### **Hypotheses**

In the light of the objectives of the study, null hypothesis is articulated given blow:

H0: There is no significance difference between of male and female teachers in teaching aptitude of school teachers.

H1: There is significance difference between of male and female teachers in teaching aptitude of school teachers.

## **METHODOLOGY OF THE STUDY**

The methods and strategies used by the researchers to gather data for their studies are referred to as methodology. It provides insights into the research. The study's goal was to analyze the parents' financial decisions about their daughters' education. To counter research objectives, several research designs were used. Some of them, like the survey and multimethod designs, might have been effective in providing answers to the study questions. The nature of this study was descriptive and quantitative.

Three hundred and fifty elementary and secondary school teachers made up the study's sample; of them, 178 were female and 172 were male teachers. Two groups were chosen at random from the population using a basic random sampling method. The Teaching Aptitude Test Battery, created by Dahiya and Singh in 2004 (Raza, Deeba, & Faqir, 2022), is a research tool used to examine the teaching aptitude of elementary and secondary school instructors. The teaching aptitude of male and female elementary and secondary school teachers were compared using means, standard deviations, and the Z-test.

## **RESULTS**

The present study is about measurement of teaching attitude of male and female teachers through test. The marks obtained by teaches in the test is based for data analysis. On the basis of the score in the test, the aptitude of the male and female teachers were compared.

*Table 1. Mean and Standard Deviation of Scores in Test*

Gender	N	Mean	Std. Deviation
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Male	172	26.31	5.59
Female	178	26.69	4.93

The above table indicates that the average of male and female school teachers are 26.31 and 26.69 respectively. Similarly standard deviations of the male and female school teachers are 5.59 and 4.93 respectively.

**Table 2.***Aptitude for teaching of male and female school teachers*

	Gender	N	Mean	Std. Deviation	Z- Cal	DF	Significance Value
<b>Teaching aptitude</b>	Male	172	26.31	5.59			
	Female	178	26.69	4.93	3.159	298	0.530

The above table discloses that the average of male and female school teachers are 26.31 and 26.69 respectively. Similarly standard deviations of the male and female school teachers are 5.59 and 4.93 respectively. Calculation value for z-test between both values is 3.159. Its mean calculated value is greater than significance value.

## CONCLUSION

The study concludes that the average test score for male and female educators is 26.27 and 26.65, respectively. Regarding teaching aptitude based on gender, the corresponding standard deviations for male and female teachers are 5.587 and 4.930, respectively. The z-test between these values yields a value of 3.159, and the significance level is 0.530. In this hypothesis the researcher find out that female school teachers having greater teaching aptitude than male school teachers. The value of significance of this research is 0.530 which indicate that there is significance difference between gender and aptitude. So, the first (H<sub>0</sub>) hypothesis is rejected.

## RECOMMENDATIONS

The recommendations of the study are:

1. Authorities should recruit the teachers having high aptitude of teaching.
2. Trainings should be conducted to polish the teaching aptitude of teachers.
3. Future researchers should conduct comparative study of teaching aptitudes with larger sample and area.

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