



## Teaching competency and aptitude among the teacher-trainees with respect to their academic background

Dr. Shaikh Imran Ramzan

Associate Professor, Marathwada College of Education, Aurangabad, Maharashtra, India

### Abstract

The purpose of the study was to understand the relationship between teaching aptitude and teaching competencies of teacher-trainees with respect to their academic background. A sample of 200 trainee teachers of Aurangabad city was taken for the study. The sample included both male and female trainees, the researcher used Teaching Aptitude Scale (TAS) for the study. It was found that there is significant correlation between teaching competency and teaching aptitude among trainee teachers. It is also found out that there is positive co-relationship between academic background and teaching aptitude of trainee teachers.

**Keywords:** Teaching competency, aptitude, teacher trainee, academic background

### Introduction

The quality of professional performance of a teacher depends mainly on her aptitude for teaching, teaching competency and academic background. In many cases, the performance of trainee teachers does not confirm to their academic background and achievement. The purpose of the study is to understand the extent of relationship between teaching aptitude and teaching competency with respect to their academic background.

### Objectives

1. To study the relationship between teaching aptitude and teaching competency with respect to academic background in trainee teachers studying in Teacher's Training colleges.
2. To study the difference between male and female teacher trainees studying in Teacher's Training Colleges in their teaching aptitude, teaching competency with respect to their academic background.

### Hypotheses

H1. There is significant positive correlation between teaching aptitude and teaching competency with respect to academic background of teacher trainees of Teacher's training colleges.

H2. There is significant gender difference in teaching aptitude and teaching competency with respect to academic background among teacher trainees of Teacher's training colleges.

### Sample

A sample of 200 trainee teachers were selected from training colleges of Aurangabad city for the study. In this sample both male and female trainees were selected.

### Tools and techniques

For the present study, Teacher's Aptitude Test (TAS) was used for studying teaching aptitude among the trainee teachers. To study the teaching competency of teacher trainee, the investigator obtained their scores assigned to them by their teachers in tests and essays. These scores were also correlated with the marks they obtained in practical activities.

Academic background of the teacher trainees were based on the marks they obtained in their degree courses prior to taking admission in College of Education.

The statistical techniques used for the study are correlation and t-test.

**Table 1:** Showing coefficient of correlation between teaching competencies with teaching aptitude of Aurangabad city

Variables		Sample (N)	Coefficient of Correlation
Teaching Competency	Teaching Aptitude	200	+ 0.32

**Table 2:** Showing coefficient of correlation between academic background with teaching aptitude of Aurangabad city

Variables		Sample (N)	Coefficient of Correlation
Academic background	Teaching Aptitude	200	+ 0.28

**Table 3:** Difference between male and female trainee teachers

No.	Variables	Gender	N	Mean	SD	t-value	Sign/insig
1.	Teaching Competency	Male	100	58.24	5.82	1.23	Insig
		Female	100	56.39	5.10		
2.	Academic Background	Male	100	60.61	9.45	3.01	Sig.
		Female	100	66.32	12.35		
3.	Teaching Aptitude	Male	100	118.72	11.43	0.69	Insig
		Female	100	120.21	20.82		

### Findings

From the research study, it was found that –

1. Table 1 reveals that, coefficient of correlation is ( $r=+0.35$ ), therefore, H1 is accepted, it indicates that there is positive co-relationship between teaching competency and teaching aptitude of trainee teachers.
2. Table 2 reveals that, coefficient of correlation is ( $r=+0.28$ ), therefore, H1 is accepted, it indicates that there is positive co-relationship between teaching aptitude and academic background of trainee teachers.
3. There is no significant difference between male and female trainee teachers in terms of their teaching competency.
4. There is significant difference between male and female teachers in terms of their academic background.
5. There is no significant difference between male and female trainee teachers in terms of their teaching aptitude.

### Conclusion

From the research undertaken by the investigator, it may be concluded that academic background cannot be the sole criteria for selection of students in the colleges of education. Aptitude test is a must in the selection of teacher trainees.

### References

1. Buch MB. Fourth Survey of Research in Education, 1983-88, II.
2. Best JW. Research in Education, Prentice-Hall, New Delhi, 1999.
3. Kumar SS. Differential factors in academic success of science and humanities teacher-trainees of B.Ed. course, Indian Educational Abstracts, 2001, I.