



Teaching aptitude of prospective secondary school teachers

¹Devendiran G, ²Dr. G Hema

¹ Research Scholar, Department of Education, Periyar University, Salem, Tamil Nadu, India

² Assistant Professor, Department of Education, Periyar University, Salem, Tamil Nadu, India

Abstract

The aim of the study is to find out the difference in the teaching aptitude of prospective secondary school teachers. Two hundred and fifty ($n=250$) prospective secondary school teachers are taken for descriptive survey. The results revealed that there is significant difference between the teaching aptitude of gender and stream of study and there exist no significant difference between the teaching aptitude of 1st and 2nd year prospective secondary school teachers.

Keywords teaching aptitude, secondary school teachers and descriptive survey

Introduction

Teaching is a system of actions varied in form and related with content and pupil behaviour under the prevailing physical and social conditions. Teaching can be analyzed and assessed and this analysis and assessment provide a feedback for the improvement of the students. According to Morrison, teaching is a disciplined social process in which teacher influence the behaviour of the less experienced pupil and helps to develop according to the needs and ideas of the society. Thus teaching is reduced to what the teacher teaching. Every student is a different entity from the viewpoint of his intelligence, aptitude and interest. Under a particular situation, different students may have different perceptions, actions and reactions to a given subject. Effecting coordination among them could be a very difficult task for a teacher and is put to test only on such occasions. The aptitude of a teacher about a situation is the decisive one and the entire process of teaching is based on this. Teaching aptitude is necessary for the teachers to do their holy job. Without having considerable amount of teaching aptitude, any teacher cannot perform his/her duty properly. So teaching aptitude is in accordingly the teacher should know the art of teaching with a deep insight into student's psychology. Teacher should always deal with the students in a just manner and should not lose his self-control on mistakes his students may commit, and instead teacher should understand their feelings and ego, and try to understand and resolve their difficulties with grace while keeping him cool.

Results and Discussion

Table 1: Difference between teaching aptitudes of prospective secondary school teachers with respect to gender

Variable	Sample (N)	Mean	SD	t-Value	Result	
Gender	Male	88	232.58	7.62	3.24	Significant
	Female	162	229.16	8.87		

As observed from table 1, the calculated t- value 3.24 is higher than the tabulated value 1.96 at 0.05 level of

Objective

- To study the difference in the teaching aptitude of prospective secondary school teachers with respect to
- Gender (Male/Female)
- Stream of study (Arts/Science)
- Year of study (1st Yr. /2nd Yr.)

Hypotheses

- Male and female prospective secondary school teachers do not differ significantly in their teaching aptitude.
- Arts and science stream prospective secondary school teachers do not differ significantly in their teaching aptitude.
- First and second year prospective secondary school teachers do not differ significantly in their teaching aptitude.

Methodology

Depending upon the objective of the study, the descriptive survey method was deemed appropriate and suitable in the present study. The sample for the present study consisted of two hundred and fifty ($n=250$) prospective secondary school teachers. As per the convenience of the researcher, the investigator has chosen Salem district of Tamil Nadu for collecting the data. As such, the sample has been selected on the basis of purposive sampling technique. A teaching aptitude scale was developed and standardized by Gakhar S.C and Rajnish (2004) has been used in the present study.

significance. Consequently it is concluded that there is significant difference between teaching aptitude of male and

female prospective secondary school teachers.

Table 2: Difference between teaching aptitudes of prospective secondary school teachers with respect to stream of study

Variable	Sample(N)	Mean	SD	t-Value	Result	
Stream of Study	Arts	117	230.22	18.64	3.35	Significant
	Science	133	232.30	7.30		

As observed from table 2, the calculated t– value 3.35 is higher than the tabulated value 1.96 at 0.05 level of significance. Consequently it is concluded that there is

significant difference between teaching aptitudes of Arts & Science stream prospective secondary school teachers.

Table 3: Difference between teaching aptitudes of prospective secondary school teachers with respect to year of study

Variable	Sample(N)	Mean	SD	t-Value	Result	
Year of Study	1 st Yr.	187	230.63	8.87	1.24	Not Significant
	2 nd Yr.	63	229.85	8.98		

As observed from table 2, the calculated t– value 1.24 is lower than the tabulated value 1.96 at 0.05 level of significance. Consequently it is concluded that there is no significant difference between teaching aptitudes of 1st and 2nd year prospective secondary school teachers.

Findings

After the careful analysis of the obtained data and interpretation of the results with regard to the formulated hypotheses, the investigator reached at the following findings:

- The male and female prospective secondary school teachers differ in their teaching aptitude.
- The arts and science stream prospective secondary school teachers differ in their teaching aptitude.
- The 1st year and 2nd year prospective secondary school teachers do not differ in their aptitude towards teaching.

References

1. Augustine. Teaching aptitude, competency, academic background and achievement in educational psychology. *Edutrack*, 2010; (9)26.
2. Lata, K. Teaching Aptitude of Prospective Teachers as Related to Their Level of Aspiration. *IRA International Journal of Education and Multidisciplinary Studies*. 2017; 7(1):53-62.
3. Malik U, Sindhu P. A study of teaching aptitude of B.Ed. pupil teachers in relation to their teaching competency. *Scholarly research journal for humanity science and English language*, 2015; 2(11):2894-2897.
4. Malik U, Sindhu P. A study of teaching aptitude of B.Ed. pupil teachers in relation to their intelligence. *Indian journal of research*. 2015; 4(10):37-38.
5. Pany S. Teaching aptitude of primary level teacher trainees. *Pedagogy of Learning: An International Journal of Education*. 2013; 1(1).
6. Sharma A, Bedi K. A study of Secondary school teachers' aptitude about teaching profession. *International Journal of Educational Planning & Administration*. 2016; 6(1):1-6.