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**A correlational study of emotional intelligence and Academic achievement
in D.T.Ed. Teacher Trainee.**

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Abstract :

The purpose of this study was to investigate the relationship between emotional intelligence and academic achievement according to various variables in D.T.Ed. trainees. A survey method was used to data collection. This study utilized the 1st years marks of D.T.Ed. Trainees to measure the academic achievement and S. K. Mangals emotional intelligence test was used to measure emotional intelligence in D.T.Ed. Trainees. The sample was consisted of 198 D.T.Ed. Boys and girls trainees with different academic streams, Data analysis included mean, standard deviation, correlation and t test. The findings of research showed that there is positive correlation between emotional intelligence and Academic achievement in D.T.Ed. trainee and there is no significant difference between emotional intelligence in D.T.Ed. Trainee according to gender and various academic streams.

Introduction

Emotional intelligence is just one facet of your personality of “being you”. Experts agree that aside from our intellectual quotient emotional quotient is a relatively large determinant of how successful you will be in the future. For long, many considered that the I. Q. as the only factor that will settle our courses in life. But times required us to change our views and people were born to redirect our thoughts. One of them is the pioneer on emotional intelligence, psychologists and author Daniel Goleman. Emotional intelligence is the ability to persevere, empathize and control them. Present study focuses four areas. Interpersonal awareness interpersonal awareness (on emotions), inter personal management (Others emotions). All these abilities stem down their capacities to become aware of their own emotions and the emotions other feel.

Daniel Goleman and his book Emotional intelligence diverted our focus from higher I. Q. to higher E. Q. Experts have now realized that people who perform well are not only those are book smarts. While everybody might not have superior I.Q. but all have the equal chances to develop emotional intelligence, since it is very important aspect of our personality.

Hence this present study has done to study the correlation between emotional intelligence and academic intelligence and also to study how the emotional intelligence differ according to gender and various academic streams in D.T.Ed.trainees. So here are the objectives of present study.

Objectives Of Present Study

- To study the correlation between emotional Intelligence and academic achievement in D.T.Ed trainees.
- To study the emotional Intelligence in D.T.Ed trainees with reference to gender.
- To study the emotional Intelligence in D.T.Ed trainees with reference to academic streams.

Hypothesis Of Study

- There is no significant correlation between emotional intelligence and academic achievement in D.T.Ed.trainee .
- There is no significant difference between Emotional intelligence and Academic achievement.
- There is significant difference in emotional intelligence in D.T. Ed.Trainee withreference to gender.
- There is no significant difference in emotional intelligence in D.T.Ed.trainee with reference to academic streams.

Methodology Of Study

198 D.T.Ed trainees were selected as a sample from 4 D.T.Ed colleges. The sample was consisted with boys and girls from arts and scince streams.Random sampling technique was used for selecting D.T.Ed colleges for study.

Tools Used For Data Collection

In the investigation the following tools were used for data collection

Emotional intelligence test by s. k mangal.

First year marks of D. T. Ed. trainees For academic achievement.

Statistical Technique Used For Data Analysis

Mean, standard deviation, ‘t’ test.

Testing Hypotheses And Results

Hypothesis 1: There is no significant correlation between emotional intelligence and academic achievement in D. T. Ed. trainee.

Table 1

Correlation between emotionl intelligence and academic achievement in D.T.Ed. trainee.

Variables	No.of D.T.Ed. trainee.	correlation	Interpretation
Emotional intelligence	198	0.22	Positive correlation
Academic achievement	198		

The above table shows that there is positive correlation between Emotional intelligence and Academic achievement.hence null hypotheses rejected.

Hypotheses 2

Table 2

This hypotheses states ; There is no significant difference between Emotional intelligence and Academic achievement.

Variable	N	M	S.D.	Table t value		Calculated ‘t’	Significance
				0.01	0.05		
Emotional Intelligence	198	65	10.34	2.60	1.97	7.48	Significant at 0.05 level and 0.01level
Academic achievement	198	72	6.83				

The above table shows that the calculated value 4.71 is greater than tabulated value 1.97 at 0.05 level and 2.60 at 0.01 level. Therefore the null hypothesis is rejected so It can inferred that there is significant difference between Emotional intelligence and academic achievement.

Hypothesis 3

This hypotheses states: There is no significant difference between Emotional intelligence with reference to gender.

Table 3

Variable	N	M	S.D.	Table t value		Calculated 't'	Significance
				0.01	0.05		
Boys	54	62	11.85	2.60	1.97	2.58	Significant at 0.05 level and 0.01level
Girls	144	66	9.39				

The above table shows that the calculated value 2.58 is greater than tabulated value 1.97 at 0.05 level and 2.60 at 0.01 level. Therefore the null hypothesis is rejected so It can inferred that there is significant difference between Emotional intelligence with reference to gender in D.T.Ed.trainee.

Hypothesis 4

This hypothesis states : There is no significant difference between emotional intelligence in D.T.ed.trainee with reference to academic streams.

Table : 4

Academic streams	N	M	S.D.	Calc . t	Table + level		Significance
					0.05	0.01	
Arts	115	65.12	8.95	0.12	1.97	2.60	Non significant at 0.05 level
Science	58	65.22	12.3				

The above table shows that the calculated 't' value 0.12 is less than table value of 1.97 at 0.05 level. Hence there fore Null hypothesis is accepted. So there is no significant difference between Emotional intelligence with reference to academic streams in D.T.Ed. trainee.

Major findings of study

- There is positive correlation between emotional intelligence and academic achievement in D.T.Ed trainees.
- There is significant difference in emotional intelligence and Academic achievement.
- There is significant difference in emotional intelligence in D. T. Ed. Trainee with reference to gender.
- There is no significant difference in emotional intelligence in D. T. Ed. trainee with reference to academic streams.

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