

# EMOTIONAL INTELLIGENCE IN RELATION TO CREATIVITY AMONG B.ED., TEACHER TRAINEES

**A. Vasudevan\* & Dr. R. Sivakumar\*\***

\*Research Scholar, Department of Education, Annamalai University, Annamalai Nagar - 608002

\*\*Associate Professor, Department of Education, Annamalai University, Annamalai Nagar - 608002

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## ABSTRACT

*The study has been conducted to investigate the levels of Emotional Intelligence and Creativity among B.Ed., Teacher Trainees. It also examines the relationship between the Emotional Intelligence and Creativity of the B.Ed., Teacher Trainees. The study was conducted on a random sample of 1000 B.Ed., Teacher Trainees in Kanchipuram District. The tools used in the study were the Emotional Intelligence scale constructed by Emotional Quotient Inventory by Bar-On and the Creativity scale constructed by investigator. The study reveals the fact that the level of Emotional Intelligence and Creativity are at high levels. Further, it is noted that there is momentous amount of correlation between Emotional Intelligence and Creativity among the B.Ed., Teacher Trainees.*

## Introduction

### Emotional Intelligence

The most distant roots of emotional intelligence can be traced back to Darwin's early work on the importance of emotional intelligence expression for survival and adaptation. In the 1900's even through traditional definitions of intelligence emphasized cognitive aspects such as memory and problem solving., several influential researchers in the intelligence field of study had began to recognize the importance of the non-cognitive aspects. For instance, as early as 1920, E.L. Thorndike at Columbia University used the term Creativity to describe the skill of understanding and managing other people.

### Creativity

Creativity is the emergence of an original process or product by the individual involved; the emergence of an original product that leads with original and challenging mental process. Psychologists are also concerned with creativity in the average person-the newsboys, clerks, mechanics, engineers, teachers and students. This is because creativity is no longer thought of simply as a gift or luck as invariable characteristics of intelligence.

**Objectives of the study**

1. To find out the relationship between Emotional Intelligence and Creativity.
2. To study the level of Emotional Intelligence of the B.Ed., Teacher Trainees.
3. To study the level of Creativity of the B.Ed., Teacher Trainees.
4. To study the significant difference between Emotional Intelligence and the variable related among B.Ed., Teacher Trainees, if any :
  - a) Gender
  - b) Locality of the Students
5. To study the significant difference between Creativity and the variable related among B.Ed., Teacher Trainees, if any :
  - a) Gender
  - b) Locality of the Students

**Hypotheses of the study**

1. There is no relationship between Emotional Intelligence and Creativity.
2. The level of Emotional Intelligence of the B.Ed., Teacher Trainees is high.
3. The level of Creativity of the B.Ed., Teacher Trainees is high.
4. To study the significant difference between Emotional Intelligence and the variable related among B.Ed., Teacher Trainees, if any :
  - a) Gender
  - b) Locality of the Students
5. To study the significant difference between Creativity and the variable related among B.Ed., Teacher Trainees, if any :
  - a) Gender
  - b) Locality of the Students

**Methodology**

Normative survey method was used in the present study.

**Sample**

Samples of 1000 B.Ed., Teacher Trainees were selected from the college of education in Kanchipuram district in Tamilnadu state. The sample was selected by using simple random sampling technique. The sample represents the entire population. Proportionate weightage was

given to various sub-samples for their gender male (450) and female (550), and Locality of the B.Ed., teacher trainees (Rural (613) and Urban 387)) was used in the study.

### Tools used

Following tools were used for data collection

1. Emotional Intelligence scale constructed by K.M. Romal Pal (1984)and
2. Creativity scale constructed by Investigator

### Statistical Techniques used

Mean, SD, 't', test and Pearson product moment correlation coefficients were calculated.

### Results

**Table-1**  
**Correlation Co-Efficient (r) among Emotional Intelligence and Creativity**

Variables	'r' value	Level of significant
Emotional Intelligence	0.326**	0.01 (Significant)
Creativity		

S=Significant

The result shows that the correlation co-efficient of Emotional Intelligence and Creativity among B.Ed., Teacher Trainees as positive and significant at 0.01 levels. There is a significant relationship between Emotional Intelligence and Creativity.

**Table – 2**  
**Analysis and interpretation of data in Emotional Intelligence**

Sl. No.	Variable	Sample	N	Mean	S.D.	CR Value	LS
1	Gender	Male	450	133.17	5.04	4.066	Significant
		Female	550	131.83	5.29		
2	Locality of the Students	Rural	613	132.75	5.32	2.412	Significant
		Urban	387	131.94	5.02		

## Interpretation

### Difference between Male and Female B.Ed., Teacher Trainees

The calculated 't' value is found to be 4.221, which is significant at 0.05 level. Hence, it is inferred that the Male and Female of B.Ed., Teacher Trainees differ significantly in their Emotional Intelligence.

### Difference between Rural and Urban B.Ed., Teacher Trainees

The calculated 't' value is found to be 2.412, which is significant at 0.01 level. Hence, it is inferred that the rural and urban B.Ed., Teacher Trainees differ significantly in their Emotional Intelligence.

**Table – 3**

#### Analysis and interpretation of data in Creativity

Sl. No.	Variable	Sample	N	Mean	S.D.	CR Value	LS
1	Gender	Male	450	272.93	5.04	5.062	Significant
		Female	550	289.13	5.29		
2	Locality of the Students	Rural	613	270.53	41.43	8.251	Significant
		Urban	387	299.76	61.46		

### Difference between Male and Female B.Ed., Teacher Trainees

The calculated 't' value is found to be 7.379, which is significant at 0.01 level. Hence, it is inferred that the Male and Female of B.Ed., Teacher Trainees differ significantly in their Creativity .

### Difference between Rural and Urban B.Ed., Teacher Trainees

The calculated 't' value is found to be 6.274, which is significant at 0.01 level. Hence, it is inferred that the rural and urban B.Ed., Teacher Trainees differ significantly in their Creativity .

## Findings of the study

- There is a significant relationship between Emotional Intelligence and Creativity.
- The B.Ed., Teacher Trainees have a high level of Emotional Intelligence.
- The B.Ed., Teacher Trainees have a high level of Creativity .

- The Male and Female of B.Ed., Teacher Trainees differ significantly in their Emotional Intelligence.
- The Rural and Urban B.Ed., Teacher Trainees differ significantly in their Emotional Intelligence.
- The Male and Female of B.Ed., Teacher Trainees differ significantly in their Creativity.
- The Rural and Urban B.Ed., Teacher Trainees differ significantly in their Creativity.

### Conclusion

The result shows that the correlation co-efficient of Emotional Intelligence and Creativity of the B.Ed., Teacher Trainees is positive and significant at 0.01 levels. There is a significant relationship between Emotional Intelligence and Creativity. It is concluded that the B.Ed., Teacher Trainees have a high level of Emotional Intelligence. Also, the result infers that the B.Ed., Teacher Trainees have high level of Creativity.

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