

RELATION BETWEEN EMOTIONAL MATURITY AND ACADEMIC ACHIEVEMENT OF BIOLOGICAL SCIENCE B.Ed. STUDENTS

Research
Paper

ABSTRACT

Education plays a vital role in enriching the society and human resource. Highly motivated teachers help in the success of any educational system. Hence an attempt was made to study the relation between emotional maturity and academic achievement of biological science B.Ed., students. The objectives of this study were to find the level of emotional maturity of biological science B.Ed., students and to study the correlation between emotional maturity and academic achievement of biological science students. The normative survey method was used in this study. This study is limited to the B.Ed students in and around Pondicherry only. The population consists of 100 students, selected from five Colleges of Education in Pondicherry. Results show that there is a positive relationship between emotional maturity and academic achievement. It is recommended that student teachers may be given proper yoga training, encouraged to social problem solving projects which may help them be more sensitive and practice self control. They may be given guidance and counselling to manage their emotions.

INTRODUCTION

Emotional maturity is defined as "A process in which the personality is continually striving for greater sense of emotional health, both intra-personality and inter-personality". Emotional maturity is the capability of a person to control their emotions and not let their emotions control them. In brief emotional maturity can be called the process of impulse control through the agency of "self" or "ego". Emotional maturity is a requirement for starting and maintaining relationships. It is a prerequisite for long term happiness. Emotional immaturity is associated with entanglements, transference and unsatisfying shallow relationships.

OBJECTIVES

The objectives of the study are

- To identify the level of emotional maturity in biological science B.Ed., students.
- To study whether there is any significant difference in the level of emotional maturity and academic achievement in relation to variables such as educational level, age, medium of study and locality of biological science B.Ed., students.

METHODOLOGY

In the present study normative survey method was employed.

SAMPLE

The present study was carried out on 100 Biological Science B.Ed., students taken from the various B.Ed., Colleges in and around Pondicherry.

TOOL

1. Emotional Maturity Scale (EMS) 1990 developed by Dr. Yashvir Singh and Dr. Mahesh Bhargava.
2. Personal Information Sheet.

PROCEDURE

The emotional maturity scale and personal information sheet were administered to the Biological Science B.Ed., students and scoring was done. The scores were tabulated

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and analyzed using the appropriate statistical techniques. Academic achievement scores were collected from previous examination results.

Table 1
LEVEL OF EMOTIONAL MATURITY
OF B.ED., STUDENTS

Variable	Low		Moderate		High	
	N	%	N	%	N	%
Emotional Maturity	22	22.00	52	52.00	26	26.00

Table 1 shows most of the students have moderate level of emotional maturity.

HYPOTHESIS TESTING

Hypothesis – 1

There is no significant difference between the scores of emotional maturity of the graduate and post graduate biological science B.Ed., students.

Table 2

‘t’ VALUE FOR EMOTIONAL MATURITY OF
BIOLOGICAL SCIENCE B.ED., STUDENTS
BASED ON THEIR LEVEL OF EDUCATION

Level of Education	N	Mean	SD	Calculated ‘t’ Value	Table Value	Remark
UG	89	80.63	10.85	2.06	1.96	S
PG	11	86.78	10.25			

Table - 2 shows that the obtained ‘t’ value is 2.06 which is greater than the table value. Hence the null hypothesis is rejected. It is concluded that there is a significance difference between the UG and PG student teachers in their emotional maturity.

Hypothesis – 2

There is no significant difference between Biological Science B.Ed., students aged upto 22 and above 22 in their emotional maturity.

Table 3

‘t’ VALUE FOR

EMOTIONAL MATURITY OF BIOLOGICAL
SCIENCE B.ED., STUDENTS BASED ON
THEIR AGE

Age	N	Mean	SD	Calculated ‘t’ Value	Table Value	Remark
Upto 22	20	122.8	9.11	1.612	1.96	NS
Above 22	80	127.33	9.57			

Table - 3 shows that the obtained ‘t’ value is 1.612, which is less than the table value. Hence the null hypothesis is accepted. It is concluded that on the basis of age of biological science B.Ed., students do not differ in their emotional maturity.

Hypothesis – 3

There is no significant difference between the scores of emotional maturity of the Tamil and English medium student teachers.

Table 4

‘t’ VALUE FOR EMOTIONAL MATURITY OF
BIOLOGICAL SCIENCE B.ED., STUDENTS
BASED ON THEIR MEDIUM OF STUDY

Medium of Study	N	Mean	SD	Calculated ‘t’ Value	Table Value	Remark
Tamil	54	126.83	9.00	0.455	1.96	NS
English	46	125.94	10.35			

Table - 4 shows that the obtained ‘t’ value is 0.455, which is less than the table value. Hence the null hypothesis is accepted. It is concluded that Tamil and English medium of biological science B.Ed., students do not differ in their emotional maturity.

Hypothesis - 4

There is no significant difference between the scores of emotional maturity of the urban and rural student teachers.

Table 5**'t' VALUE FOR EMOTIONAL MATURITY OF BIOLOGICAL SCIENCE B.ED., STUDENTS BASED ON THEIR LOCALITY**

Locality	N	Mean	SD	Calculated 't' Value	Table Value	Remark
Urban	40	12	9.91	0.396	1.96	NS
Rural	60	126.77	9.53			

Table – 5 shows that the obtained 't' value is 0.396, which is less than the table value. Hence the null hypothesis is accepted. It is concluded that rural and urban biological science B.Ed., students do not differ in their emotional maturity.

FINDINGS

The biological science B.Ed., students

1. have moderate level of emotional maturity.
2. differ in emotional maturity based on their level of education. Those who have a Post Graduate degree have more emotional maturity than the graduate. This may be due to the higher qualification, experience and exposure.
3. do not differ in emotional maturity based on their age group.
4. do not differ in emotional maturity based on their locality.

CONCLUSION

Emotional maturity is very essential for teachers for their success in the teaching profession. This study provides an insight into emotional maturity and academic achievement of would be teachers. Proper training in emotional maturity will enhance their academic achievement. Teachers are the future human resource of our nation and the emotional maturity teacher trainees is important to their successful living and for coping with the challenges they would encounter in their classrooms. Teachers must be a manager of emotions. Therefore our educational training institutions should provide an atmosphere conducive to the development of emotional maturity.

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GOOD GUIDE

A smart and really good teacher
Should be a good guide, not a preacher.
She'd open each mind
Therein treasures to find;
Encouragement would be her best feature.
You have this good quality and more;
You inspire each brain to explore.
Our respect you are earning;
You've made us love learning,
As no teacher has before.

- Joanna Fuchs