

EMOTIONAL COMPETENCE IN HIGHER EDUCATION: A WEST BENGAL PERSPECTIVE

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Abstract

Understanding, controlling, and efficiently using emotions is a skill that bears great importance in both the personal and professional spheres and has many benefits. Students in today's complex world face a variety of social and emotional difficulties on a regular basis, making emotional competence essential for a cosy, contented, and structured life. The purpose of this study was to evaluate the current level of emotional competence among the students of West Bengal enrolled in higher education. 647 pupils' data were collected through convenient sampling. The results showed significant gender, stream of study, and educational level in emotional competence among college students, but no discernible disparities in social class.

Keywords: *Emotional Competence, Gender, Social Status, Stream of Studies, Students of Higher Education Level*

1. Introduction

Emotional, social, and mental issues are just a few of the issues that today's students deal with in their schools, colleges, and universities. Adults today have to deal with issues like communism, drug and alcohol misuse, peer pressure, harassment, corruption, inequality, violence, academic stress, cultural misunderstandings, and more. They experience emotional stress in addition to mental pressure, such as conflict, worry, melancholy, and inferiority complexes. Students and workers in higher education need to be emotionally competent to deal with these kinds of issues. Emotional Competence is identified as the ability to feel, understand, and effectively apply the power of emotions as a source of energy, information, confidence, and creativity as well as the ability to influence others (Goleman, 1998). Emotional Competence is reflected in personal skills (how individuals handle themselves) and social skills (how individuals handle others) (Kierstead, 1999). Emotional Competence (EC) describes the ability to process emotional information in terms of perception, assimilation, expression, regulation, and emotion management (Brackett and Salovey, 2006).

2. Need and Significance

In today's stress-filled world, emotional competence is essential for appropriate responses in various situations and addressing issues like violence and harassment, especially among teenagers and college students. It fosters emotional control, mental stability, and leadership skills. The good news is that emotional competence can be learned and improved. Higher education students face a multitude of challenges, and emotional competence is a valuable tool for managing stress, fostering positive relationships, and exercising self-control. This study addresses a significant gap in research, particularly among West Bengali higher education students.

3. Justification of the Study

Emotional competence has drawn a lot of attention recently as a crucial indicator of life success. It is essential for dealing with everyday problems successfully and has a significant impact on kids' relationships with their families, their peers, their connections with teachers, their capacity for problem-solving and decision-making, their capacity for managing stress, and their academic performance. Higher education students need to develop their emotional intelligence since it improves behaviour, creates empathy, and is essential for bettering their academic performance, relationships, mental health, leadership skills, and empathy.

People who are emotionally competent have a better knowledge of and connection to other people's emotions. The improved relationships and communication that result from this increased empathy make enduring ties and help to resolve conflicts (Goleman, 1995). Effective team inspiration and motivation come from leaders with strong emotional competence. In order to create teamwork, higher morale, and improved performance, they can modify their leadership style to accommodate the emotional demands of their team (Goleman, 1998). Emotional competence enables effective stress management and problem-solving by enhancing emotional regulation, reducing stress, and boosting resilience in challenging situations (Salovey, P., & Mayer, J. D. 1990). Emotional competence promotes better mental health by enabling individuals to control their emotions and seek appropriate support, leading to improved well-being and a reduced risk of mental health issues (Brackett, M. A., & Salovey, P., 2006). Emotionally competent individuals excel in conflict resolution by approaching conflicts with empathy and understanding, facilitating productive discussions and viable solutions (Goleman, 2002). Emotional competence correlates with improved academic and professional success. Those who manage emotions effectively thrive under pressure, make informed decisions, and excel in collaborative environments (Matthews, G., Zeidner, M., & Roberts, R. D., 2002). Emotional competence fosters empathy and social awareness, enabling a deeper understanding of others' thoughts and feelings. This leads to more inclusive and harmonious relationships in diverse social and cultural contexts (Mayer, J. D., Salovey, P., & Caruso, D. R., 2004). Emotional competence can lead to positive outcomes, but it's just one of many factors shaping personal growth and well-being.

The researcher's interest in exploring Emotional Competence, coupled with demographic variables, in West Bengal stems from the absence of such studies among undergraduate and postgraduate students. The study's results could benefit educators, students, researchers, and educational professionals by enhancing Emotional Competence among students. Additionally, it can help identify important correlates, predictors, and target groups related to Emotional Competence, benefiting society at large.

4. Objectives

To find out the level of Emotional Competence among the students of undergraduate and postgraduate level in West Bengal, the researcher identified the following objectives:

- I.** To examine the difference in Emotional Competence among the students of Higher Education level in West Bengal with respect to *Gender*.
- II.** To explore the difference in Emotional Competence among the students of Higher Education level in West Bengal with respect to *Social Status*.
- III.** To investigate the difference in Emotional Competence among the students of Higher Education level in West Bengal with respect to *Stream of Study*.
- IV.** To examine difference in Emotional Competence among the students of Higher Education level in West Bengal with respect to *Level of Education*.

5. Hypothesis of the Study

The researcher undertook the null hypothesis to investigate the research problem. The researcher formulated the following null hypothesis on the basis of objectives of the study. The following null hypothesis were formulated:

H₀₁: There is no significant difference in Emotional Competence among the students of Higher Education level in West Bengal with respect to their *Gender*.

H₀₂: There is no significant difference in Emotional Competence among the students of Higher Education level in West Bengal with respect to *Social Status*.

H₀₃: There is no significant difference in Emotional Competence among the students of Higher Education level in West Bengal with respect to their *Stream of Study*.

H₀₄: There is no significant difference in Emotional Competence among the students of Higher Education level in West Bengal with respect to their *Level of Education*.

6. Research Methodology

Research Design: The study utilized a Descriptive Survey Research design to collect quantitative data on Emotional Competence levels from a diverse population, including respondents from various backgrounds.

Population: Students studying in Undergraduate and Postgraduate level in West Bengal were considered as population of the study.

Sample: A sample of 647 students from both undergraduate and postgraduate levels was randomly selected via Google Forms from six universities and seven colleges across seven districts in West Bengal.

Sampling Technique: The present study was conducted using the Convenient Sampling Method at seven colleges and six universities of West Bengal.

Variables: Variable is a measurable characteristic or a logical set of attributes of the subjects of the research that can vary. In the present study the following variables were identified and used.

Independent variables are believed to be the influencing variable effect to dependent variables. Here independent variables are Gender, Social Status, Stream of Study and Level of Education.

This study was to measure the impact of the independent variable of the status of dependent variable. In this study Emotional Competence is the dependent variable.

Measuring Tools Used in the Study: To collect data, the following measuring tools are used in the study:

Socio-Demographic Measures: The socio-demographic measures were prepared by the investigator for the study that includes Gender, Social Status, Stream of Study and Level of Education.

In the present study The Scale of Emotional Competencies Developed and Revised by Dr. Harish Sharma and Dr. Rajeev Lochan Bhardwaj (2016) was used.

Statistical Techniques used: Data were analyzed by using Statistical Package for Social Sciences (SPSS package), version 21.0 because it accommodates a large number of variables at the same time and reduces detailed laborious calculation by hand and thereby minimized the chance of error.

7. Result Analysis and Discussion

7.1 Emotional Competence and Gender

Objective 1: To examine the difference in Emotional Competence among the students of Higher Education level in West Bengal on the basis of their Gender.

H₀₁: There is no significant difference in Emotional Competence among the students of Higher Education level in West Bengal with respect to their Gender.

Table 8.1.1: T-test showing the Gender wise Comparison in Emotional Competence

Dependent Variable	Gender	N	Mean	S. D	t
Adequate depth of feeling (ADF)	Male	338	17.30	3.39	3.378**
	Female	309	16.44	3.12	
Adequate Expression and control of emotions (AECE)	Male	338	18.61	3.33	3.223*
	Female	309	17.79	3.16	
Ability to function with emotions (AFE)	Male	338	19.03	3.61	2.378*
	Female	309	18.40	3.06	
Ability to cope with problem emotions (ACPE)	Male	338	20.11	3.22	3.635**
	Female	309	19.23	2.93	
Ability to enhance positive emotions (AEPE)	Male	338	21.84	3.61	-.394 [#]
	Female	309	21.94	3.33	
Total Emotional Competence	Male	338	96.87	13.01	3.321**
	Female	309	93.73	10.98	

*Significant *0.05 level ** 0.01 level*

From the above Table 7.1.1 this is evident that with respect to gender, Male Students (Mean=96.87, SD=13.01) are better on the score of Total Emotional Competence than Female students (Mean=93.73, SD=10.98). This table showed that t-value of the variations of Emotional Competence like- AECE and AFE are significant at 0.05 level; ADF and ACPE are highly significant at 0.01 level; only AEPE aren't significant at 0.01 & 0.05 level. T-value of Total Emotional Competence with respect to gender is highly significant at 0.01 level.

Figure 7.1.1: Gender wise Comparison in Emotional Competence

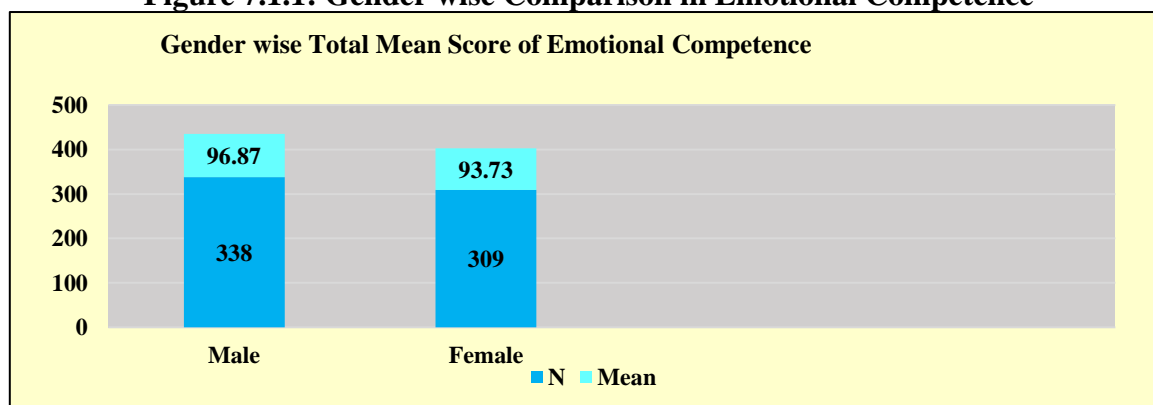


Figure 7.1.1 shows the Gender wise comparison in Emotional Competence among the students of higher education level in West Bengal. It was found that Male Students (Mean=96.87) are better on the score of Total Emotional Competence than Female students (Mean=93.73).

Therefore, the Null Hypothesis: 'There is no significant difference in Emotional Competence among the students of Higher Education level in West Bengal on the basis of their Gender is refuted.' Hence, the study found a significant difference among the students; Male students (Mean-96.87, S.D-13.01) were significantly higher than Female students (Mean-93.73, S.D-10.98) on Emotional Competence in West Bengal.

To supported this finding some studies said that senior secondary boys were better in Emotional Competency than senior secondary girls (Sangeeta, 2018). According to Jomon, K.J. & Romate, J. (2017) male students were better on the level of Emotional Competence than female students. Baruah, K. (2018) adolescent boys scored higher than girls on Emotional Competence.

In contrary to the finding; several studies, including those by Todorovic and Mitrovic (2016), William (2017), Wei and Lee (2016), and Kumar (2015), found that female students outperformed male students in terms of Emotional Competence. Kumar, A. & Thapar, V. (2015) significant differences existed between secondary school boys and girls on Emotional Competence. Studies by Arora and Kaur (2017), Karmvir (2015), and Kataria (2016) all found no significant difference in Emotional Competence with respect to gender or academic performance.

7.2 Emotional Competence and Social Status

Objective 2: To explore the difference in Emotional Competence among the students of Higher Education level in West Bengal on the basis of Social Status.

H₀₂: There is no significant difference in Emotional Competence among the students of Higher Education level in West Bengal with respect to Social Status.

Table 7.2.1: ANOVA test showing the Social Status wise Comparison in Emotional Competence

Demographic Variable	Social Status	N	Mean	S. D	F
Adequate depth of feeling (ADF)	Gen	320	16.88	3.35	.705 [#]
	OBC	138	16.85	3.22	
	SC	158	17.08	3.28	
	ST	31	16.13	2.99	
	Total	647	16.88	3.29	
Adequate Expression and control of emotions (AECE)	Gen	320	18.45	3.39	1.189 [#]
	OBC	138	17.91	3.19	
	SC	158	18.02	2.97	
	ST	31	17.97	3.79	
	Total	647	18.21	3.27	
Ability to function with emotions (AFE)	Gen	320	18.65	3.50	.563 [#]
	OBC	138	18.62	3.15	
	SC	158	18.99	3.13	
	ST	31	18.33	3.83	
	Total	647	18.72	3.35	
Ability to cope with problem emotions (ACPE)	Gen	320	19.60	3.22	1.246 [#]
	OBC	138	19.99	2.84	
	SC	158	19.73	2.93	
	ST	31	18.87	3.73	
	Total	647	19.68	3.10	
Ability to enhance positive emotions (AEPE)	Gen	320	21.78	3.57	.231 [#]
	OBC	138	21.91	3.36	
	SC	158	22.03	3.42	
	ST	31	22.10	3.38	
	Total	647	21.88	3.48	
Total Emotional Competence	Gen	320	95.27	12.84	.376 [#]
	OBC	138	95.26	11.10	
	SC	158	95.86	11.33	
	ST	31	93.33	12.99	
	Total	647	95.32	12.12	

Not Significant #

Table 7.2.1 indicated that on the basis of total Emotional Competence there is no difference among the students of General category (Mean=95.27, SD=12.84), OBC category (Mean=95.26, SD=11.10), SC

category (Mean=95.86, SD=11.33) and ST category (Mean=93.33, SD=12.99). This table exhibited that F-values of the variations of Emotional Competence and total Emotional Competence with respect to Social Status aren't significant at 0.01 or 0.05 level.

Figure 7.2.1: Social Status wise Comparison in Emotional Competence

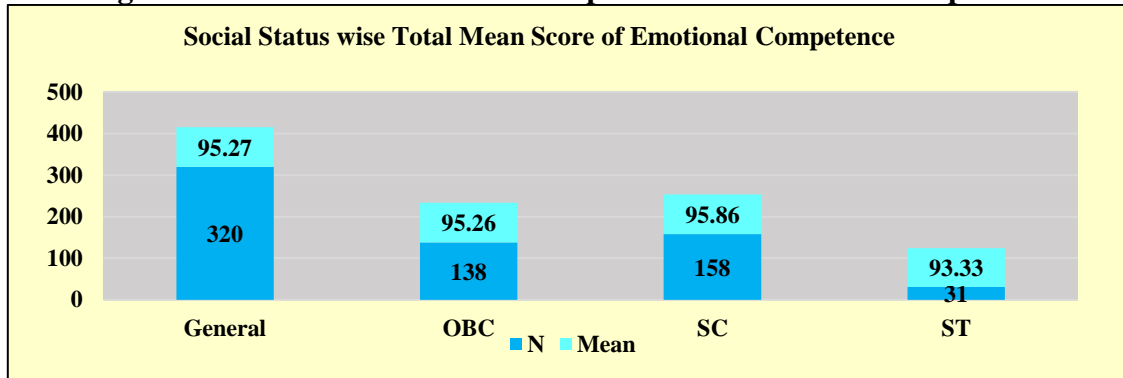


Figure 7.2.1 shows Social Status wise comparison in Emotional Competence among the students of higher education level in West Bengal. On the basis of total Emotional Competence there is no significant difference among the students of General category (Mean=95.27), OBC category (Mean=95.26), Sc category (Mean=95.86) and ST category (Mean=93.33).

Therefore, the Null Hypothesis: 'There is no significant difference in Emotional Competence among the students of Higher Education level in West Bengal on the basis of Social Status is Accepted.' Hence, the study found no difference among General, OBC, SC, ST category students on Emotional Competence.

In contrary to the finding, the study of Thakur, K.S. & Kumar, S. (2013) showed a significant difference was existing among Emotional Competence with respect to their social category (general and reserved category).

7.3 Emotional Competence and Stream of Study

Objective 3: To investigate the difference in Emotional Competence among the students of Higher Education level in West Bengal on the basis of their Stream of Study.

H₀3: There is no significant difference in Emotional Competence among the students of Higher Education level in West Bengal with respect to their Stream of Study.

Table 7.3.1: ANOVA test showing the Stream of Study wise Comparison in Emotional Competence

Demographic Variable	Stream of Study	N	Mean	S. D	F
Adequate depth of feeling (ADF)	Language	141	16.37	3.10	3.25 [#]
	Science	172	16.97	3.65	
	Social Science	174	16.68	3.20	
	Commerce	160	17.49	3.08	
	Total	647	16.89	3.29	
Adequate Expression and control of emotions (AECE)	Language	141	17.43	3.39	7.86 **
	Science	172	18.66	3.39	
	Social Science	174	17.75	3.10	
	Commerce	160	18.94	3.02	
	Total	647	18.22	3.28	
Ability to function with	Language	141	18.35	3.40	

emotions (AFE)	Science	172	19.28	3.71	4.06 *
	Social Science	174	18.21	3.09	
	Commerce	160	19.04	3.18	
	Total	647	18.73	3.38	
Ability to cope with problem emotions (ACPE)	Language	141	19.16	3.41	2.07[#]
	Science	172	19.71	3.16	
	Social Science	174	19.81	3.01	
	Commerce	160	20.02	2.86	
	Total	647	19.69	3.12	
Ability to enhance positive emotions (AEPE)	Language	141	20.92	3.42	6.15 *
	Science	172	22.27	3.52	
	Social Science	174	21.74	3.37	
	Commerce	160	22.49	3.45	
	Language	647	21.89	3.48	
Total Emotional Competence	Language	141	92.11	11.70	7.37 **
	Science	172	96.80	13.53	
	Social Science	174	94.20	11.27	
	Commerce	160	97.99	11.26	
	Total	647	95.37	12.18	

*Significant *0.05 level ** 0.01 level*

Table 7.3.1 indicated that, Commerce students (Mean-22.49, SD- 3.45) are higher than Language (Mean-92.11, SD-11.70) Science (Mean-96.80, SD-13.53) and Social Science (Mean-94.20, SD-11.27) students on the basis of Total Emotional Competence. This table exhibited that, F-value of variations of Emotional Competence like- ADF and ACPE aren't significant at 0.01 or 0.05 level; AFE and AEPE are significant at 0.05 level; AECE is highly significant at 0.01 level; F-value of Total Emotional Competence with respect to Stream of Study is highly significant at 0.01 level.

Figure 7.3.1: Stream of Study wise Comparison in Emotional Competence

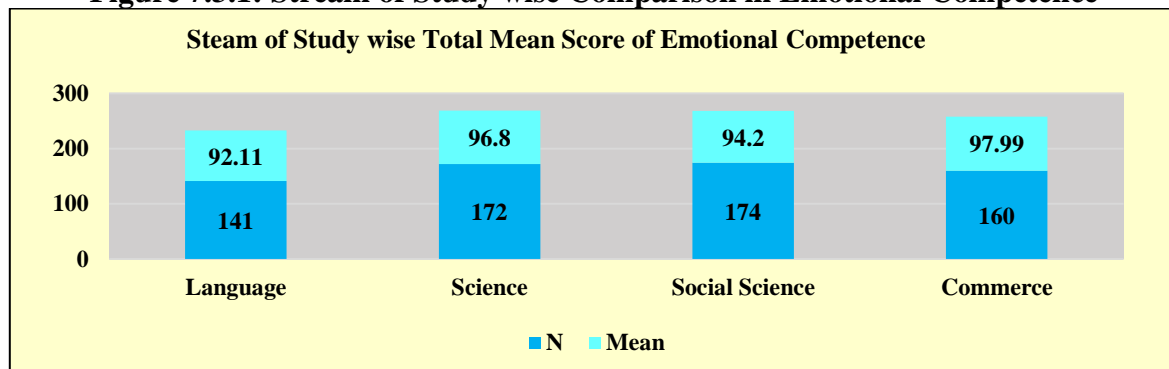


Figure 7.3.1 shows Stream of Study wise comparison in Emotional Competence among the students of higher education level in West Bengal. On the basis of Total Emotional Competence, Commerce students (Mean-22.49) were higher than other students studying Language (Mean-92.11) Science (Mean-96.80) and Social Science (Mean-94.20) students.

Therefore, the Null Hypothesis: 'There is no significant difference in Emotional Competence among the students of Higher Education level in West Bengal on the basis of their Stream of Study' is Refuted.

Hence the study found a significant difference; Commerce students (Mean-22.49, S.D- 3.45) were significantly higher than Language (Mean-92.11, S, D-11.70) Science (Mean-96.80, S, D-13.53) and Social Science (Mean-94.20, S, D-11.27) students on Emotional Competence in West Bengal.

The study is supported with the study conducted by William, V.J. (2017) The study found a significant difference in Emotional Competence levels based on the students' stream of study, with science students displaying higher competence compared to arts students.

In contrary to the finding, Sangeeta's (2018) study and Chiramel, V.-T.'s (2020) study both reported no significant difference in Emotional Competence based on the students' field of study.

7.4 Emotional Competence and Level of Education

Objective 4: To examine difference in Emotional Competence among the students of Higher Education level in West Bengal on the basis of their Level of Education.

H₀4: There is no significant difference in Emotional Competence among the students of Higher Education level in West Bengal with respect to their Level of Education.

Table 7.4.1: T-test showing the Level of Education wise Comparison in Emotional Competence

Demographic Variable	Level of Education	N	Mean	S. D	t
Adequate depth of feeling (ADF)	Undergraduate	334	17.09	3.46	1.635*
	Postgraduate	313	16.67	3.08	
Adequate Expression and control of emotions (AECE)	Undergraduate	334	18.23	3.29	.095 [#]
	Postgraduate	313	18.20	3.26	
Ability to function with emotions (AFE)	Undergraduate	334	19.24	3.48	4.032**
	Postgraduate	313	18.19	3.17	
Ability to cope with problem emotions (ACPE)	Undergraduate	334	20.19	3.20	4.268**
	Postgraduate	313	19.16	2.92	
Ability to enhance positive emotions (AEPE)	Undergraduate	334	22.31	3.43	3.184*
	Postgraduate	313	21.44	3.48	
Total Emotional Competence	Undergraduate	334	97.05	11.65	3.645**
	Postgraduate	313	93.59	12.47	

*Significant *0.05 level ** 0.01 level*

From the above Table (7.4.1) this is evident that on the basis of total Emotional Competence, the students of Undergraduate level are (Mean=97.05, SD=11.65) numerically larger than the students of Postgraduate level (Mean=93.59, SD=12.47). This table displayed that t-value of the Emotional Competence variations like- ADF and AEPE are significant at 0.05 level; AFE and ACPE are highly significant at 0.01 level; only AECE is not significant and t-value of total Emotional Competence with respect to Level of Education is highly significant at 0.01 level.

Figure 7.4.1: Level of Education wise Comparison in Emotional Competence

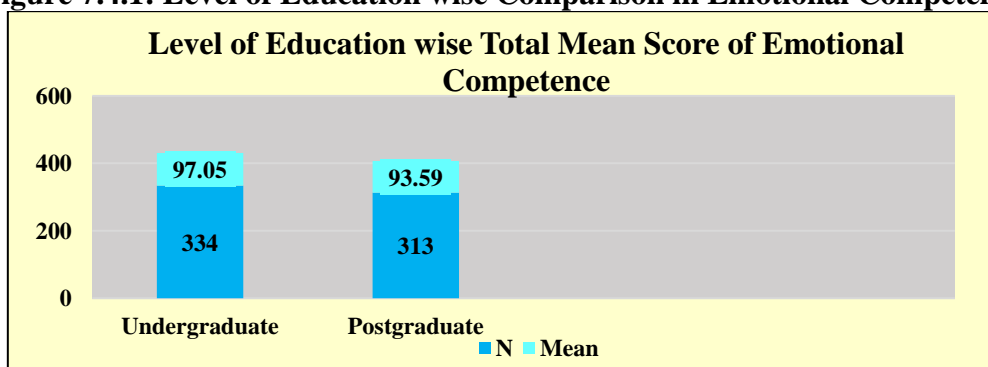


Figure 7.4.1 shows Level of Education wise comparison in Emotional Competence among the students of higher education level in West Bengal. On the basis of total Emotional Competence, the students of Undergraduate level (Mean=97.05) were numerically larger than the students of Postgraduate level (Mean=93.59).

Therefore, the Null hypothesis: '*There is no significant difference in Emotional Competence among the students of Higher Education level in West Bengal on the basis of their Level of Education*' is *Refuted*. Hence the study found a significant difference among the students of Undergraduate level (Mean=97.05, SD=11.65) were significantly higher than the students of Postgraduate level (Mean=93.59, SD=12.47) on Emotional Competence in West Bengal.

In contrary to the finding, the study of Naveen (2011) significant difference didn't exist among teacher educators with respect to their educational level. Another study reported that postgraduate employees were high on the level of Emotional Competencies than undergraduate employees (Daisy, 2019).

8. Educational Implication

Emotional competency is fostered through proper emotional growth, which adds grace and refinement to our personalities. This mental, social, and emotional steadiness makes it easier to deal with problems that arise every day. Children who are emotionally mature and competent are better equipped for a bright future by developing strong interpersonal, communication, and leadership abilities. Additionally, it enhances academic achievement, fosters a calm and decision-oriented approach to problem-solving throughout their academic path, and enhances mental wellness. This study suggests some potential applications for the future, such as additional research among workers in the public and private sectors; studies on teachers at the pre-primary, primary, secondary, higher-secondary, and higher education levels; and studies on B.Ed. teacher trainees. Children's emotional competence may be demonstrated in relationships between teachers and students and between parents and children. Further study on students in the fields of medicine, engineering, and law as well as professional practitioners may be conducted.

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