



The Impact Of Emotional Maturity On Academic Achievement Among Higher Secondary School Students: A Comparative Study

Raichal Mathew^{1*}, Dr. Rama singh²

^{1*}Department of Education, Mansarovar Global University, Billkisanj, Sehore, Madhya Pradesh, raichalm31@gmail.com

²Department of Education, Mansarovar Global University, Billkisanj, Sehore, Madhya Pradesh, ramadherusingh@gmail.com

Citation: Raichal Mathew, et.al (2024). The Impact Of Emotional Maturity On Academic Achievement Among Higher Secondary School Students: A Comparative Study, *Educational Administration: Theory and Practice*, 30(9) 997-1002

Doi: 10.53555/kuey.v30i9.10039

ARTICLE INFO

ABSTRACT

This study investigates the impact of emotional maturity on academic achievement among higher secondary school students in the Nalgonda district of Telangana. Utilizing a comparative study design, the research examines how different levels of emotional maturity—measured across dimensions such as emotional stability, social adjustment, and personality integration—affect academic performance. A sample of 360 students was selected through stratified random sampling, and data were collected using the Emotional Maturity Scale and students' final examination scores. The results demonstrate a positive correlation between emotional maturity and academic achievement, with higher emotional maturity levels associated with better academic outcomes. Gender differences were also observed, with female students generally exhibiting higher emotional maturity and academic performance compared to their male counterparts. These findings underscore the importance of fostering emotional maturity to enhance educational success.

Keywords: Emotional Maturity, Academic Achievement, Higher Secondary Students, Emotional Stability, Social Adjustment, Gender Differences, Educational Strategies, Emotional Development

INTRODUCTION

The journey of education is a profound one, shaping individuals not only intellectually but also emotionally and socially. In the dynamic landscape of India's education system, where the youth population is rapidly expanding, the importance of holistic development is paramount. Education in this context is not just about imparting knowledge but also about fostering emotional resilience, critical thinking, and the ability to navigate the complexities of life. As students transition from childhood to adulthood, particularly at the higher secondary level, they encounter a myriad of challenges that test their emotional and academic capabilities.

Overview of the Educational Landscape

Education is not just about imparting knowledge; it is a comprehensive process that involves the development of emotional, social, and cognitive skills. In India, where the youth population is rapidly expanding, the education system faces the challenge of preparing students not only for academic success but also for the demands of adulthood. As students progress through the higher secondary school years, they encounter increasing academic pressures, social challenges, and the need to make important life decisions.

The higher secondary stage is a critical period in a student's educational journey. It is during these years that students lay the foundation for their future careers and personal development. The choices they make, the habits they form, and the skills they develop during this time will have a lasting impact on their lives. Therefore, it is essential that the education system provides students with the tools they need to succeed, both academically and emotionally.

In recent years, there has been growing recognition of the importance of emotional maturity in the educational process. Emotional maturity refers to the ability to understand, manage, and express emotions in a healthy and constructive manner. For higher secondary students, who are often navigating complex social dynamics and academic expectations, emotional maturity is a crucial factor in their ability to succeed.

Defining Emotional Maturity in Adolescence

Adolescence is a period of significant emotional and psychological development. During this time, individuals begin to form their identities, develop independence, and navigate the complexities of social relationships. Emotional maturity is the ability to manage these changes and challenges in a way that is balanced and constructive. It involves self-awareness, emotional regulation, and the ability to empathize with others.

For higher secondary school students, emotional maturity is particularly important as they face a range of challenges, including academic pressures, peer relationships, and decisions about their future. Emotionally mature students are better equipped to handle these challenges, as they are able to manage their emotions, maintain focus, and make informed decisions. This ability to navigate the emotional landscape of adolescence is critical for their overall well-being and success.

The development of emotional maturity during adolescence is influenced by a variety of factors, including family environment, social interactions, and individual temperament. Educational institutions also play a significant role in fostering emotional maturity by providing students with opportunities to develop emotional and social skills. Through supportive relationships with teachers and peers, and through experiences that challenge their emotional and social competencies, students can develop the maturity they need to succeed.

Significance of Academic Achievement

Academic achievement is a central goal of education, serving as a key indicator of a student's success and future potential. It is typically measured through grades, test scores, and other academic benchmarks, and is often used as a criterion for college admissions and job opportunities. However, academic achievement is not solely a function of cognitive abilities; emotional and psychological factors also play a significant role in determining a student's academic outcomes.

For higher secondary students, academic achievement is particularly important as it sets the stage for their future educational and career opportunities. High academic performance can lead to scholarships, college admissions, and better job prospects, while poor academic outcomes can limit these opportunities. Therefore, understanding the factors that influence academic achievement is critical for educators, parents, and policymakers.

One of the key factors influencing academic achievement is emotional maturity. Students who are emotionally mature are more likely to approach their studies with a positive attitude, set realistic goals, and maintain the motivation needed to succeed. They are also better equipped to handle the stresses and challenges of academic life, which can have a significant impact on their performance. By fostering emotional maturity, educators can help students achieve their academic potential and prepare for future success.

Exploring the Impact of Emotional Maturity on Academic Achievement

The impact of emotional maturity on academic achievement is an area of growing interest in educational research. Emotional maturity influences various aspects of a student's academic life, from their ability to concentrate and stay motivated to their capacity to cope with stress and setbacks. Understanding how emotional maturity affects academic outcomes can provide valuable insights into how to support students in achieving their full potential.

This study seeks to explore the relationship between emotional maturity and academic achievement among higher secondary school students. By conducting a comparative analysis, the research aims to identify differences in academic performance based on varying levels of emotional maturity. This approach will help to highlight the specific ways in which emotional maturity contributes to academic success and identify areas where students may need additional support.

The findings of this study are expected to provide important insights for educators, parents, and policymakers. By understanding the role of emotional maturity in academic achievement, they can develop strategies to support students in developing the emotional skills they need to succeed. This, in turn, can help to improve academic outcomes and ensure that students are well-prepared for the challenges of higher education and beyond.

Research Objectives

This study is guided by the following objectives:

- To examine the differences in emotional maturity between male and female students in relation to academic achievement.
- To suggest strategies to enhance the levels of emotional maturity and academic achievement.

LITERATURE REVIEW

Xiaoying Xia, et al (2024): Children's school readiness skills are strong predictors of their academic achievement in later schooling. This study examined the relationship between multiple types of parental involvement (i.e. home-based involvement, school-based involvement and home-school conferencing) and Chinese children's cognitive and social-emotional school readiness as well as the moderating role of family socioeconomic status (SES) in these associations. A total of 311 parents (Mage = 35.50 years, SD = 3.60) and

their five to six years old children (Mage = 5.53 years, SD = .50), from four kindergartens in Shanghai, China participated in this study. Results indicated that Chinese parental involvement had a stronger relationship with children's cognitive readiness than social-emotional readiness. Home-based involvement was more related to children's cognitive and social-emotional school readiness than school-based involvement and home-school conferencing. Family SES moderated the relationship between home-based involvement and home-school conferencing and children's cognitive and social-emotional school readiness. Home-based involvement was more strongly related to low-SES children's cognitive and social-emotional readiness and home-school conferencing was more strongly related to low-SES children's cognitive readiness compared with their high-SES peers. Implications for research, practice and policy are discussed.

Bharat et al (2022) conducted a comparative study under the title "Emotional Intelligence & emotional maturity in Adolescents: A Comparative Study" The objectives of this study were (i) to explore the level of emotional intelligence and maturity of adolescents. (ii) to find out the difference between emotional intelligence and maturity on the basis of gender and school. This research study used data from 1500 adolescents of senior secondary school, Dehradun, Uttarakhand, India. Sample was selected using a convenient method. For statistical analysis, mean, percentage, standard deviation and t-test were applied. On the basis of mean value and t-test, results indicated that adolescents of private schools have higher levels of emotional intelligence in comparison to adolescents studying in government schools. Male and female adolescents significantly differed from each other on emotional intelligence on the overall sample. Female adolescents found with more emotional intelligence & emotional maturity with high mean value.

RESEARCH METHODOLOGY

Research Design

This research utilizes a comparative study design within the descriptive survey methodology framework. The aim is to examine the impact of emotional maturity on academic achievement among higher secondary school students. The comparative approach allows for the analysis of differences in academic outcomes between students with varying levels of emotional maturity, providing a deeper understanding of how emotional maturity influences academic performance.

Sample and Sampling Technique

The study will include a sample of 360 higher secondary school students from the district of Nalgonda, Telangana. Participants will be selected using a stratified random sampling technique to ensure that the sample represents various demographics, including gender, school type (government vs. private), and academic streams. This stratified approach allows for more accurate comparisons and ensures that the findings are applicable across different student groups.

Data Collection Tools

The research will use two key instruments for data collection. The first is the **Emotional Maturity Scale** by Singh and Bhargava (1991), which is a validated tool designed to assess the emotional maturity of adolescents. This scale provides comprehensive insights into different aspects of emotional maturity, such as emotional stability, social adjustment, and personality integration. The second tool will involve gathering data on academic achievement, specifically the students' final examination scores from the previous academic year. These scores will serve as a quantitative measure of academic success, allowing for precise comparisons.

Procedure

The researcher will initiate the data collection process by securing permission from the educational authorities and school administrators. Following this, the Emotional Maturity Scale will be administered to the selected students in a controlled classroom environment. The scale administration will be conducted according to standardized procedures to ensure the reliability of the data. Academic achievement data will be retrieved from school records with the assistance of school staff. All data will be systematically recorded and organized for subsequent analysis.

Data Analysis

Data analysis will involve the use of both descriptive and inferential statistical techniques. Pearson's product-moment correlation will be employed to determine the strength and direction of the relationship between emotional maturity and academic achievement. Additionally, t-tests will be utilized to compare emotional maturity and academic performance across different demographic groups, such as gender and school type. Descriptive statistics will be used to summarize the data and provide an overview of the sample characteristics. The results will be interpreted to identify the specific impact of emotional maturity on academic outcomes, leading to practical recommendations.

Ethical considerations will be strictly followed throughout the study. Informed consent will be obtained from all participants, ensuring that they are aware of the study's purpose and their rights. The confidentiality of participants' data will be maintained, and all personal information will be anonymized to protect privacy. The researcher will also ensure that the data is securely stored and used only for the purposes of this study.

RESULTS AND DISCUSSION

Table 1: Emotional Maturity Levels by Gender

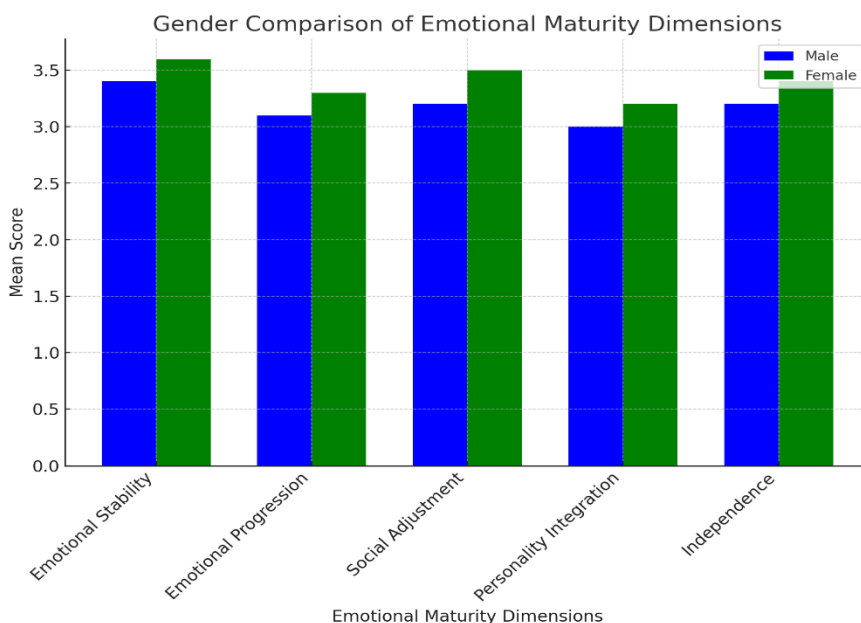
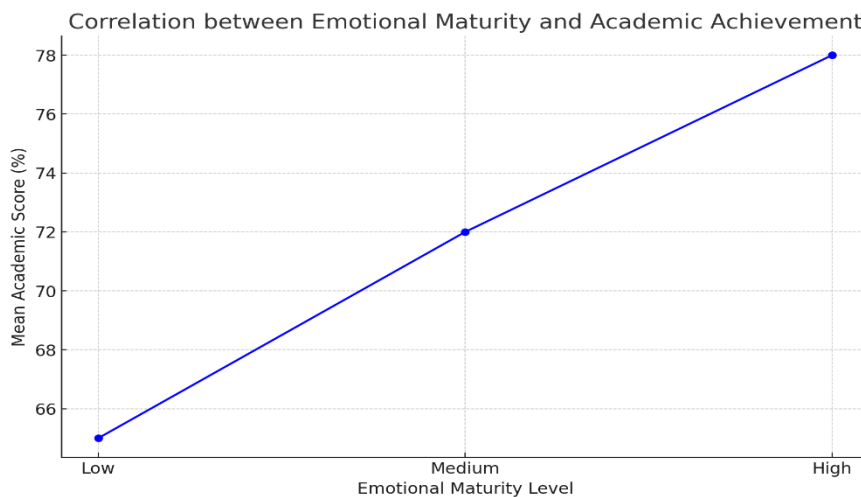
Gender	Emotional Stability	Emotional Progression	Social Adjustment	Personality Integration	Independence
Male	3.4	3.1	3.2	3	3.2
Female	3.6	3.3	3.5	3.2	3.4

This table compares the mean scores of different dimensions of emotional maturity between male and female students. It shows that female students generally score higher across all dimensions, particularly in social adjustment and emotional stability.

Table 2: Academic Achievement by Emotional Maturity Levels

Emotional Maturity Level	Mean Academic Score (%)	Standard Deviation
Low	65	8
Medium	72	10
High	78	6

This table shows the academic performance (mean academic score) of students categorized by their level of emotional maturity (low, medium, high). Students with higher emotional maturity levels tend to achieve better academic results, as indicated by the increasing mean scores.



Correlation between Emotional Maturity and Academic Achievement: This line graph shows the relationship between different levels of emotional maturity (low, medium, high) and the corresponding mean academic scores. The trend indicates that as emotional maturity increases, academic achievement also improves.

Gender Comparison of Emotional Maturity Dimensions: This bar chart compares the mean scores of emotional maturity dimensions between male and female students. Female students generally score higher across all dimensions, particularly in social adjustment and emotional stability.

CONCLUSION

The study concludes that emotional maturity significantly influences the academic achievement of higher secondary school students. Students who exhibit higher levels of emotional stability, social adjustment, and personality integration tend to perform better academically. The positive correlation identified between emotional maturity and academic success highlights the need for educational strategies that promote emotional development as a means to improve academic outcomes. Additionally, the gender disparities observed suggest that tailored interventions may be necessary to support male students in developing their emotional maturity. The findings advocate for a holistic approach to education that integrates emotional development with traditional academic learning to prepare students for future challenges.

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