



International Journal of Advance Research in Medical Surgical Nursing

E-ISSN: 2663-2268

P-ISSN: 2663-225X

www.surgicalnursingjournal.com

IJARMSN 2025; 7(1): 41-43

Received: 29-10-2024

Accepted: 05-12-2024

Sajjan Patel

Assistant Professor, Department of Medical Surgical Nursing, Narayan Nursing Collage (Gopal Narayan Singh University) Jamuhar Sasaram, Bihar, India

Nikee Minz

Ph.D. Scholar, Associate Professor, HOD, Department of Nursing Foundation, Narayan Nursing Collage (Gopal Narayan Singh University) Jamuhar, Sasaram, Bihar, India

Ruchi Tripathi

Assistant Professor, HOD, Department of Obstetrics and Gynaecology Nursing, Narayan Nursing Collage (Gopal Narayan Singh University) Jamuhar, Sasaram, Bihar, India

Prince Kumar

Student, Narayan Nursing Collage Student, Narayan Nursing Collage (Gopal Narayan Singh University) Jamuhar, Sasaram, Bihar, India

Shruty Suman

Student, Narayan Nursing Collage (Gopal Narayan Singh University) Jamuhar, Sasaram, Bihar, India

Sudiksha Kumari

Student, Narayan Nursing Collage (Gopal Narayan Singh University) Jamuhar, Sasaram, Bihar, India

Nidhi Kumari

Student, Narayan Nursing Collage (Gopal Narayan Singh University) Jamuhar, Sasaram, Bihar, India

Rachna Kumari

Student, Narayan Nursing Collage (Gopal Narayan Singh University) Jamuhar, Sasaram, Bihar, India

Corresponding Author:

Sajjan Patel

Assistant Professor, Department of Medical Surgical Nursing, Narayan Nursing Collage (Gopal Narayan Singh University) Jamuhar Sasaram, Bihar, India

A co-relational study to evaluate students' academic, intelligence, and emotional achievement at selected college, Bihar

Sajjan Patel, Nikee Minz, Ruchi Tripathi, Prince Kumar, Shruty Suman, Sudiksha Kumari, Nidhi Kumari and Rachna Kumari

DOI: <https://www.doi.org/10.33545/surgicalnursing.2025.v7.i1a.219>

Abstract

Introduction: The current study focus to determine the level of EI and academic achievement among the nursing students studying in B.sc (N) 3rd sem. in NNC. The firmness of this research was to establish the EI and academic achievement nursing students and determine the influencing factors studying in Narayan Nursing Collage.

Method: This research was guide as descriptive study with 100 students studying in B.sc (N) 3rd semester in NNC, Jamuhar. Study data were composed using a questionnaire form and standard scale. The study was guide at Narayan Nursing Collage, Jamuhar, sasaram Bihar.

Results: It was found that 57% students in Average category and 7% students in Good category and 36% in Poor category. There was significantly corelational between academic achievements and level of emotional intelligence.

Discussion and Conclusion: This study terminate that there is average students who have high EI & Academic achievementss.

Keywords: Knowledge, clinical features, complications, coronary artery disease, adults

Introduction

Preparation plays a chief role in development of the society. In present time the community and the country can't attain the goal of economic progress and development without educating and attend to the aptitude of its citizens. The present state of event needs instant attention of students in the process of education".

Emotional intelligence refers to an ability to recognize the meanings of emotion and their relationships and problem solve on the basis of them. Emotional intelligence is involved in the capacity to perceive emotions, understand the information of those emotions, and manage them.

Since it makes it easier to process emotional data for tailored treatment and improves patient outcomes through effective communication and therapeutic alliances, emotional intelligence (EI) is essential to the nursing profession [3]. In 1990, John Mayer of the University of New Hampshire and Peter Salovey of Yale University coined the phrase "emotional intelligence." The ability to recognize, evaluate, and control one's own, other people's, and groups' emotions is known as emotional intelligence (EI), which is also frequently measured as an emotional intelligence quotient (EQ). The five components of emotional intelligence are self-awareness, emotion management, motivation, self-motivation, empathy, and interpersonal skills.

In India, the Indian nursing council (INC) believes that the common courtesy in nursing is a formal educational preparation which should be based on sound education principle. The council acknowledge that the programs as the base on which the tradition of nursing is built and on which depends more distant professional, tutoring. It also acknowledge its authority to the society for the continued development of student as sole nurse and citizens [6].

Emotional intelligence helps students better analyze situations. It not only helps students interact with others better but also helps them tackle academic issues with greater Page | 4 panache. The better a student is able to come to grips with a situation, the more in control they are of it.

The study involved 283 adolescents using the comfort sampling technique. Out of 283

adolescents (49.8% female), aged 12–18 years ($M = 14.42$, $SD = 1.12$), they participated in a cross-sectional study. The results indicated that flourishing completely mediated the path from emotional intelligence to academic performance. The study concluded that emotional intelligence had a positive impact on students' well-being and their towards secondary school students' academic achievement. Currently, research that includes both personal and contextual dimensions is necessary to better understand this relation.

Interest in the world of education is expanding with several education policies and systems looking at the holistic development of students more and more seriously; Emotional Intelligence (EI) or emotional quotient (EQ) is currently in the global spotlight as several countries accept it just as a necessary shift in their educational policies; in this rapidly globalizing world, some more and more young people are leave unprotected to varied lifestyles, emotional intelligence becomes a key component that takes precedence over one's academic qualifications and achievements; students need skills such as empathy, adaptability, teamwork, positive outlook, self- awareness, and many more inter & intrapersonal skills to 'make it big in life'.

Methodology

Research design: The researcher adopted descriptive correlation survey research design will be used.

Setting of the study

This study was run in the current study in NNC, Jamuhar, Sasaram, Rohtas, Bihar.

Sampling technique

Purposive sampling technique was used.

Sample size

Number of sample for the study is 100 undergraduate Nursing students.

Sampling criteria

Inclusion criteria are 3rd Sem. B.Sc. Nursing students who have passed out of 2nd Sem. B.Sc. Nursing, Jamuhar, Sasaram, Bihar, India, 3rd Sem. B.Sc. Nursing students of Narayan Nursing College, 3rd Sem. B.Sc. Nursing Students so minded to participate in the study, 3rd Sem. B.Sc. in Nursing students who, at the time of data collection, are prepared for usage. Third semester B.Sc. nursing students who have not finished all of their prerequisite coursework, third-semester B.Sc. nursing students who are unavailable during data collection, and third-semester B.Sc. nursing students who are not willing to participate in the study are not included.

Result

Table 1: Showing that the distribution of study participants

S. No.	Variables	Frequency	Percentage %
1.	Gender		
	Male	47	47.0%
	Female	53	53.0%
2.	Religion		
	Hindu	89	89.0%
	Christian	3	3.0%
	Muslim	8	8.0%
	Sikh	0	0%
3.	Tutoring of father		
	Primary school	7	7.0%
	High school	17	17.0%
	Graduate	64	64.0%
	Post graduate	12	12.0%
4.	Monthly earnings of Family		
	Below 30,000	39	39.0%
	Rs. 30,000-60,000	39	39.0%
	Rs. 60,000-90,000	12	12.0%
	Up to Rs. 90,000	10	10.0%
5.	Classification of Family		
	Nuclear	50	50.0%
	Joint	44	44.0%
	Extended	6	6.0%
6.	Ordinal Position		
	Only Child	13	13.0%
	First child	29	29.0%
	Second child	36	36.0%
	Third and above	22	22.0%
7.	Current Habitation		
	Hostel	80	80.0%
	Home	18	18.0%
	Paying Guest	2	2.0%
8.	Support system		
	Family	99	99.0%
	Friends	1	1.0%
	Colleagues	0	0.0%

Table 2: Frequency and percentage dealing out of students by their EI and academic achievements.

Variables	Frequency	Percentage %
AVG	57	57.0%
Good	7	7.0%
Poor	36	36.0%

Table-2 shows that the out of 100 students their EI & Academic achievements is 57(57%) have average and 7(7%) have good and 36(36%) have poor.

Discussion

In all, 100 samples that met the study's inclusion requirements were chosen, and information was collected from them. The goal of the current study was to evaluate the connection between students' academic achievement and emotional intelligence at a particular nursing institution, GNSU in Sasaram, Bihar. One hundred nursing students participated in the current study. The current study's findings showed a significant association between academic achievement and emotional intelligence (EI). This outcome makes sense given that emotional intelligence (EI) qualities including emotional regulation, problem solving, and interpersonal and intrapersonal skills are all closely related to academic achievement. As an example, consider a student who is flexible in Emotional control could make use of this ability to prevent the tension and worry that come with taking exams and tests. Furthermore, the capacity to demonstrate interpersonal skills could help kids approach classmates, professors, and other resources for academic support.

Conclusion

The term "emotional intelligence" describes the capacity to identify the relationships between emotions and their meanings in order to solve problems. Emotional intelligence (EI) is related to the ability to recognize, process, and control emotions. One hundred nursing students participated in the current study. The current study's findings indicate a significant relationship between academic achievement and emotional intelligence. This outcome makes sense given that emotional intelligence (EI) competencies—such as the capacity to control one's emotions, solve problems, and engage in interpersonal and intrapersonal interactions—are crucial for academic achievement. A student who is adept at managing their emotions, for example, could use this ability to reduce the tension and worry that come with taking tests and exams. Furthermore, the capacity to demonstrate interpersonal skills could help kids approach classmates, professors, and other resources for academic support.

Conflict of Interest

Not available

Financial Support

Not available

References

1. Chamundeswari S. Emotional Intelligence and Academic Achievement among Students at the Higher Secondary Level [Internet]. [cited 2023 Jun 19]. Available from: https://hrmars.com/papers_submitted/126/Emotional_Intelligence_and_Academic_Achievement_among_Students_at_the_Higher_Secondary_Level.pdf
2. Jacob W, Pavithran S. Correlational study on emotional

- intelligence and academic performance of nursing students in a selected college of nursing, Kochi. *Int. J Pharm Science Health Care*. 2015 Aug 1;5:30–41.
3. Kuruvilla J, Menezes PM. Effect of Emotional Intelligence Training on Emotional Intelligence of graduate Nursing Students. *Asian J Nurs Educ Res*. 2019;9(3):289.
4. Youxin Luo (9768455). *Nursing Pros: A Serious Game to Master Nursing Procedure Skills*. 2020.
5. Dunn L. Barriers that impede foreign-born and educated male nursing students' success in a United States nursing program: A case study. Theses Diss [Internet]. 2020 Aug 27; Available from: <https://rdw.rowan.edu/etd/2835>
6. Neeraja KP. *Nursing Education in India* [Internet]. [cited 2023 Jun 21]. Available from: <https://www.nursingpath.in/2014/04/nursing-education-in-india.html>
7. Loomba S. Social and Emotional Learning: The Real Gap in India's Education System [Internet]. *The Wire*. [cited 2023 Jun 21]. Available from: <https://thewire.in/education/social-emotional-learning-real-gap-indian-education-system>
8. Government of India. *National Education Policy 2020* [Internet]. 2020 [cited 2023 Jun 21]. Available from: https://niepid.nic.in/nep_2020.pdf
9. Mohzan MAM, Hassan N, Halil NA. The Influence of Emotional Intelligence on Academic Achievement. *Procedia - Soc Behav Sci*. 2013 Oct 10;90:303-312.
10. H F. The Relationship between Emotional Intelligence and Academic Achievement in medical science students in Iran. *Procedia - Soc Behav Sci*. 2011 Jan 1;30:1461-1466.
11. Irani B. Why is emotional intelligence important for school children? | Adityabirlaworldacademy.com [Internet]. [cited 2023 Jun 21]. Available from: <https://www.adityabirlaworldacademy.com/blog/striking-a-balance-its-time-to-integrate-emotional-intelligence-into-our-school-education-policy>
12. Ecole. The Benefit of Emotional Intelligence for Students [Internet]. [cited 2023 Jun 21]. Available from: <https://www.ecolemondiale.org/bulletins-board/the-benefit-of-emotional-intelligence-for-students>
13. Today I. How to build emotional intelligence in school [Internet]. *India Today*. [cited 2023 Jun 21]. Available from: <https://www.indiatoday.in/educationtoday/featurephilia/story/how-to-build-emotional-intelligence-in-school-1739845-2020-11-10>
14. Nagaraj D, Ramesh N. Emotional Intelligence among Schoolteachers in Rural Karnataka – A Cross-Sectional Study. *J Sci Soc*. 2020 Aug;47(2):89.

How to Cite This Article

Patel S, Minz N, Tripathi R, Kumar P, Suman S, Kumari S, *et al*. A co-relational study to evaluate students' academic, intelligence, and emotional achievement at selected college, Bihar. *International Journal of Advance Research in Medical Surgical Nursing*. 2025; 7(1): 41-43.

Creative Commons (CC) License

This is an open-access journal, and articles are distributed under the terms of the Creative Commons Attribution-Non Commercial-Share Alike 4.0 International (CC BY-NC-SA 4.0) License, which allows others to remix, tweak, and build upon the work non-commercially, as long as appropriate credit is given and the new creations are licensed under the identical terms.