"A STUDY TO DETERMINE THE VARIABLES INFLUENCING ACADEMIC ACHIEVEMENT OF UNDERGRADUATED STUDENTS IN THE SELECTED NURSING COLLEGE, BENGALURU"

By

1. Ms. Sangita Patra

2. Ms. Ameesha Manoj

3. Ms. Sarangi P Valsraj

4. Mr. Bijo John

5. Mr. Amith Roy

IV Year B.Sc Nursing (2020-2024)

Research project submitted to

SMT. Nagarathnamma College of Nursing

Under the guidance of

Dr Vijayamalar S

Professor

HOD of Community Health Nursing

Smt. Nagarathnamma College of Nursing

Acharya Institute, Dr. Sarvepalli Radhakrishnan Road

Soldevanahalli, Bengaluru-560107

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BY;

Ms. Sangita Patra

Ms. Ameesha Manoj

Ms. Sarangi P Valsaraj

Mr. Bijo John

Mr. Amith Roy

Dissertation submitted to the

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, BENGALURU, KARNATAKA

In partial fulfilment of the requirement for the degree of

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Under the guidance of
Dr Vijayamalar S
Professor
HOD of Community Health Nursing
Smt. Nagarathnamma College of Nursing
Acharya Institute, Dr. Sarvepalli Radhakrishnan Road
Soldevanahalli, Bengaluru – 560107

2020 - 2024

DECLARATION BY THE CANDIDATE

I hereby declare that this project entitled "**A study to determine the variables influencing the academic achievement of undergraduated students at SMT. Nagaratnamma college of nursing"** is a bonafide and genuine research work carried out by Ms.Sangita Patra, Ms. Ameesha Manoj, Ms. Sarangi P Valsraj,Mr. Amith Roy,Mr. Bijo John the guidance of **Dr Vijayamalar S** Professor, Community Health Nursing, Smt. Nagarathnamma College of Nursing, 69/80, Acharya Dr Sarvepalli Radhakrishnan Road, Soladevanahalli, Bangalore-560107.

Date:

Place: Bengaluru

Signature of the Students

Ms.Sangita Patra

Ms. Ameesha Manoj

Ms. Sarangi P Valsraj

Mr. Amith Roy

Mr. Bijo John

CERTIFICATE BY THE GUIDE

This is to certify that this project work entitled "**A study to determine the variables influencing the academic achievement of undergraduate students at SMT. Nagaratnamma college of nursing"** is a Bonafide and genuine research work carried out by Ms.Sangita Patra, Ms. Ameesha Manoj, Ms. Sarangi P Valsraj, Mr. Amith Roy,Mr. Bijo John in partial fulfilment of the requirement for the basic BSc. Nursing

Date

Place: Bangalore

Signature of the Guide

Dr Vijayamalar S

Professor

Department Of Community Health Nursing

Smt.Nagarathnamma college of nursing

Acharya Institute, Dr. Sarvepalli Radhakrishnan Road
Soldevanahalli, Bengaluru – 560107

ENDORSEMENT BY THE PRINCIPAL

This is to certify that the research project entitled **"A Study to determine the variables infuencing academic achievement of undergraduate students at SMT. Nagaratnamma college of Nursing, Bengaluru"** is a bonafide research work done by Ms. Sangita Patra, Ms. Ameesha Manoj, Ms. Sarangi P Valsraj, Mr.Amith Roy, Mr.Bijo John , as a partial fulfilment of the requirement for the degree Bachelor of Science in Nursing under the guidance of **Dr Vijayamalar S**, Professor Department of Community Health Nursing, Smt. Nagarathnamma College of Nursing.

Date:

Place: Bengaluru.

Signature of principal

Prof. Devi Nanjappan
Principal
Smt. Nagaratnamma
College of Nursing
Acharya Institute, Dr. Sarvepalli
Radhakrishnan Road Soldevanahalli
Bengaluru – 560107

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Date:

Place: Bangalore

Signature of the candidates

Ms. SangitaPatra

Ms. Ameesha Manoj

Ms. Sarangi P Valsraj

Mr. Amith Roy

Mr. Bijo John

ABSTRACT

STATEMENT OF THE PROBLEM

"A study to determine the variables influencing the academic achievement of undergraduate students in selected nursing college, Bengaluru"

BACKGROUND AND OBJECTIVES:

Academic achievement in nursing education is influenced by a complex interplay of various factors. Understanding these influences is essential for developing effective support systems for undergraduate nursing students. This study focuses on identifying key variables that contribute to academic success, including socio-economic status, study habits, peers.

. To identify and describe the key variables that influence academic achievement among 3rd semester BSc nursing students.

. To analyze the impact of socio economic status on academic achievement.

. To assess the impact of peer group involvement on academic achievement.

METHODS:

A descriptive research design was used and the setting were NR College of Nursing, Bengaluru. The samples of this study consists of 60 undergraduate students. Simple Random sampling techniques was used. Data were collected with a help of structured questionnaire.

Section A: Demographic variables consists of 19 items.

Section B: structured questionnaire to determine influencing variables consists of 30 items.

RESULTS:

A logistic regression was performed to ascertain the effects of age, gender, religion, family type, education status, occupational status, and socioeconomic status on the likelihood of students scoring 76% and above. The logistic regression model was statistically significant, x (23) 47.995, $p < 0.002$. Whereas in Hosmer and Lemeshow Test shows (8) - 7.692. p -0.464 which says model is a good fit. The model explained 73.9% (Nagelkerke R^2) of the variance in postnatal depression and correctly classified 56.7% of cases.age ($p<<0.027$), and gender ($p<<0.001$) were significant. Religion, family type, education status, occupational status, and socioeconomic status were not. Students between 18-20 years are 0.004 times less likely to score 76% and below compared to their counterparts. Male students are 0.005 times less likely to score 76% and below compared to female students.

INTERPRETATION AND CONCLUSION:

Overall findings of the study clearly shows that the above results revealed that certain demographic variables like age and gender were significant and age and gender had a positive correlation between the variables and female students were more likely to score 76% than male students.

Key words: Determination, variables, influence, academic achievement, under graduate students.

LIST OF ABBREVIATIONS USED

NS	Non significant
S	Significant
SD	Standard deviation
R	Reliability
%	Percentage
IV	Independent variable
DV	Dependent variable

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