

COURSE TITLE	NURSING EDUCATION & INTRODUCTION TO RESEARCH AND STATISTICS
COURSE CODE	20GN0303
COURSE CREDITS	1

Objective:

- 1 Describe the concept of education
- 2 Explain the process of teaching and learning
- 3 Narrate the methods of teaching Describe the clinical teaching methods
- 4 Describe the use of research in the practice of nursing
- 5 Describe the scientific methods of investigation used in nursing.
- 6 Participate in research activities in the health care settings.

Course Outcomes: After completion of this course, student will be able to:

- 1 Describe the concept of education, Explain the process of teaching and learning
- 2 Narrate the methods of teaching Describe the clinical teaching methods,
- 3 Discuss the importance of research in Nursing, Describe the research process
- 4 Describe the various research approaches, Describe the various data collection methods
- 5 List the steps involved in data analysis, Describe the importance of statistics in research
- 6 Describe the utilization of research in nursing practice

Pre-requisite of course: This course is designed to introduce the students to the concept of teaching as an integral part of nursing practice, and This course is designed to develop fundamental abilities and attitude in the students towards scientific methods of investigation and utilization of research finding so as to improve practice of nursing.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
1	0	0	50	30	20	0	0

Contents : Unit	Topics	Contact Hours
1	Introduction a) Education - Meaning, aims, scope and purposes	2
2	Teaching learning process a) Basic principles , b) Characteristics of teaching and learning, c) Teaching responsibility of a nurse , d) Preparation of teaching plan	4
3	Methods of teaching a) Methods of teaching , b) Clinical teaching methods - Case method - Bed side clinic - Nursing rounds - Nursing conference (individual and group) - Process recording.	14

Contents : Unit	Topics	Contact Hours
4	Introduction to Nursing Research and Statistics Definition , Terminology related to research , Need and importance of nursing research , Characteristics of good research	3
5	Research process Purposes and objectives , Steps in research process	3
6	Research approaches and designs Types , Methods , Advantages and disadvantages	5
7	Data collection process Meaning , Methods and instruments of data collection	5
8	Analysis of data Compilation , Tabulation , Classification , Summarization , Presentation and interpretation of data using descriptive statistic	6
9	Introduction to statistics Definition , Use of statistics , Scales of measurement , Frequency distribution , Mean, median, mode and standard deviation.	6
10	Utilization of research in nursing practice Evidence based practice	2
Total Hours		50

Textbook :

- 1 TEXTBOOK OF NURSING EDUCATION , K.P. NEERAJA, JAYPEE , 2020
- 2 NURSING EDUCATION PRINCIPLES AND CONCEPTS , R. SUDHA , JAYPEE , 2023
- 3 Nursing Research & Statistics, Suresh Sharma, Elsevier, 2024

References:

- 1 TEXT BOOK OF NURSING EDUCATION , TEXT BOOK OF NURSING EDUCATION , SHEBEER P. BASHEER , EMESS, 2023
- 2 A Textbook of Nursing Research & Statistic, A Textbook of Nursing Research & Statistic, Bharat Pareek, Pee Vee, 2023

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
30.00	30.00	20.00	10.00	10.00	0.00

Instructional Method:

- 1 LECTURE CUM DISCUSSION

Supplementary Resources:

- 1 .