PROGRAMME - B.Sc. NURSING　　　　　DURATION – 4 Years

Mission

　　　To grow up as one of the best Nursing Institution on the global map by developing the individuals through well advance planned, coordinated evidence based nursing training.

Vision

　　　To educate, illuminate and train the students in Evidence based nursing practice for a better health care.

Course description

The primary goal of this course is to introduce Nursing students to principles and processes of evidence-based practice. We will review processes for identifying current best evidence, including formulation of a clinical question using PICO taxonomy, systematic review of the literature, critical evaluation of individual studies, structured data extraction, and synthesis of pooled data to determine the level of evidence associated with specific clinical interventions. Various methods for analyzing and evaluating the level of evidence will be discussed including meta-analysis, scales for ranking the strength of evidence, and descriptive methods. Resources for evidence based practice, including the Cochrane Library. Also course will focus on strengths and limitations of existing clinical evidence, and its application to clinical practice. Students will synthesize their advanced practice skills and prior clinical knowledge to the generation of evidence-based clinical practice guidelines, evaluation of clinical practice guidelines and best practice documents, and their application to clinical decision making in daily practice.

Course objectives

Upon the completion of the course, the student will be able to:

1. Define evidence-based practice and differentiate it from tradition-based practice or clinical decision making based on research-based rationales.
2. Describe methods for reviewing the literature in order to identify current best evidence.
3. Identify online and library-based resources for evidence based documents including systematic reviews, clinical practice guidelines and best-practice documents.
4. Apply knowledge of research methods and clinical practice to the evaluation of levels of evidence.
5. Discuss methods for extracting data necessary for the generation of evidence-based practice recommendations.
6. Apply knowledge of statistical analysis to the evaluation of evidence from individual studies, the process of data extraction, and pooled data from meta-analyses.

7. *Synthesize data from multiple studies into recommendations for clinical practice based on analysis of the strength of supporting data.*

Course of instruction

Sr.No.	Course of Instruction	Theory hours	Practical Hours
1	First Year	30	15
2	Second Year	30	15
3	Third Year	30	15
4	Fourth Year	30	15

Scheme of Examination

Year	Subject Code	Hour	Theory	Practical
First year				
Second year				
Third year		1.30 hrs	30	20
Fourth year				

Regulation for examination:
- *Examination will be conducted at university level along with preliminary examination & it is compulsory for every student to appear in examination.*
- *Each student will be given grades based on their performance ranging from grade Grade A+ 41-50*

  Grade A 31-40

  Grade B+ 21-30

  Grade B 11-20

  Grade C ≤ 10

- *Grades of student will be incorporated in final mark sheet of the university with marked "asterix" on it. Asterix clarification will be given at the bottom of the mark sheet mentioning that the subject evaluation is carried as per unique concept EBES adopted by the university and it won't have any impact on final merit of the student as it is not permissible as per rules and regulations of various statutory councils.*

Placement: 1st year B.Sc. Nursing
Hours of Instruction theory: 30Hours
Practical: 15Hours
Total: 45Hours

Course Description:
The course is designed to develop an understanding of concepts, aims and significance of Evidence based nursing education and utilize the evidence based practice to provide quality nursing care and safe nursing practice.

Course content:

Unit	Hours	Content
1	5	**Introduction to Evidence based nursing education and Nursing practice:** • *Definition* • *Concept* • *Significance* • *Need and Aims* • *Scope* • *Steps of Evidence based practice* • *Barriers in Evidence based Practice*
2	5	**Overview of research Process** • *Basic research terminology* • *Types of Nursing research* • *Steps in research Process* • *Difference between Nursing research and Evidence based practice*
3	5	**Sources of Evidences in Evidence based practice** • *Primary and secondary sources* • *Peer review and referred sources* • *Journals and Magazines* **Understanding types of reviews** • *Narrative* • *Integrative* • *Meta-analysis* • *Systematic review*
4	5	**How to Search Evidences** • *Access to content: Tools and techniques* • *General search strategies* • *Best source for Evidence based Practice*
5	4	**Levels of evidences**
6	6	**Preparing Nursing care plan based on evidences**

Practical		
1	15	1. **Library search and submitting the Bibliography** 2. **Use of internet to search evidence** 3. **Posters on EBNE** 4. **Evidence based Nursing care plan**

Placement:2nd year B.Sc. Nursing
Hours of Instruction theory: 30Hours
Practical: 15Hours
Total: 45Hours

Course Description:
The course is designed to develop an understanding of concepts, aims and significance of Evidence based nursing educationand utilize the evidence based practice to provide quality nursing care and safe nursing practice.

Course content:

Unit	Hours	Content
1	2	• *Past, present and future challenges in EBNES*
2	10	• *Appraising the evidence and formulating research question.* ➢ *Quantitative designs* ➢ *Qualitative designs* ➢ *Ranking the evidence* ➢ *Purposes of research questions and EBP questions* ➢ *Describe the PICO method*
3	3	• *Review of advance search engine / filters e.gMEDLINE , CINHAL etc .*
4	4	• *Barriers in EBNE* ➢ *Communication barriers* ➢ *Organizational barriers* ➢ *Nurse barriers.* ➢ *Research barriers.* ➢ *Models to overcome barriers*
5	6	• *Relationship of Theory, Research and Practice* ➢ *The special language of theory* ➢ *The importance of testing theory* ➢ *The special language of Research* ➢ *Theory in practice*
6	4	• *Introduction to research design* ➢ *Understanding key- concepts in research designs* ➢ *Internal validity* ➢ *External validity*

8.	1	• Ethical aspects in EBN
Practical		
1	15	5. Searching net based on the identified research problem 6. Interaction with patients and writing the observational experience. 7. Formulating questions.

Placement: 3rdyear B.Sc. Nursing
Hours of Instruction theory: 30Hours
Practical: 15Hours
Total: 45Hours

Course Description:
The course is designed to inculcate the concepts of research hypothesis, research designs,sampling, statistical data analysis and ethical issues in evidence based nursing educationand utilize the evidence based practice to provide research based nursing care and safe nursing practice.

Course content:

Unit	Hours	Content
1	05	**Developing Hypothesis** • Meaning • Purposes • Role of hypothesis in EBNE • Characteristics of a good hypothesis • Sources and classification • Types of hypothesis • Developing Research hypothesis
2	08	**Design for evidence based Nursing studies** • Experimental Designs • Non- Experimental Designs • Descriptive Designs • Quasi-Experimental Design • Qualitative Designs
3	10	**Using Sampling to provide Evidence** • Terminologies used in Sampling • Characteristics of Good Sampling • Sampling process • Methods of Sampling • Sampling Technique
4	05	**Statistical Methods for EBN studies**

		• *Mean, Median, Mode, Standard deviations*
5	*02*	***Ethical issues in evidence based:*** *Identifying and collaborating with stakeholders*
Practical		
1	*15*	8. **Preparation of hypothesis** 9. **Preparation of Evidence based AV Aids on Research Design** 10. **Calculation of Mean, Median and Mode**

Placement: 4ᵗʰyear B.Sc. Nursing
Hours of Instruction
Theory: 30Hours
Practical: 15Hours
Total: 45Hours

BEHAVIOURAL OBJECTIVES

At the end of the course the students will be able to

1. *Define Evidenced Based Nursing Education and basic research terms and concepts.*
2. *To develop critical thinking on source of evidence for nursing education & nursing practice.*
3. *To understands paradigms & method of nursing research by the means of qualitative & quantitative research & utilize the statistical method to interpret the study research.*
4. *To identify the ethical issues & legal problems while undertaking the projects & appreciate evidenced with justification.*
5. *To appreciate the strategies relating paper presentation in local level/state level/national level & international level.*

COURSE DESCRIPTION:

This course is designed to assist the students to acquire all understanding of Research Methodology and evidence based education & statically method as a basis for Evidenced Based Education, research problem, planning & implementing a research plan .It is further structured to conduct /participate in need based research studies in various settings and utilize the results to provide quality nursing care.
The hours for practical will be utilized for conducting individual/group research project.

Course content:

Unit	Hours	Content
1	5	Introduction to Evidenced Based Nursing Education & Nursing Research • Definition , the five levels of collaboration • Individual Level • Organization Level • Regional Level • National Level • International level • Preparing literature review
2	10	Nursing Research Problem • Design of nursing research • Process of nursing research • Identify nursing research problem • Sources of evidences for nursing education & nursing practice • Paradigms & methods: quantitative & qualitative research • Developing hypothesis • Purpose of finding evidence /types of evidence • Searching for evidence • Design validity & the pyramid for Evidenced Based Nursing Education
3	5	Ethical Issues & Legal consideration • Ethical issues in quantitative & qualitative data interpretation • Appraising the evidence • Barriers to connect research & practice • Professionalism in nursing • Types of research
4	10	Innovations & Innovator • Develop for oneself as an innovator • Change the agent • Lifelong learning • Preceptors & role models • Evaluating outcomes of innovations • Preparing sampling distribution • Pilot study • Statistical analysis • Strategies relating to presentation • Paper presentation in local level/ State level/National level/ International level
Practical:		

	15	*Group research project*