



Committed to developing "Conscientious, Confident & Caring quality nursing professionals"  
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S

**Smt. Bakul Tambat Institute of Nursing Education**

(Affiliated to MSBNPE, MNC, MUHS & INC, NAAC Accredited) 'A' Grade



## Criterion II

### Teaching, Learning, and Evaluation

#### 2.6 Student Performance and Learning Outcomes 2

**2.6.1 The learning outcomes and graduate attributes as per the provision of the Regulatory bodies & the university, which are communicated to the students & teachers through website.**

**2.6.1 Assessment of learning outcome and graduate attributes**

**2024-2025**



## MAPPING THE OUTCOMES OF CURRICULUM WITH MISSION STATEMENT AND OBJECTIVES (PEO, PO, PSO, CO)

### VISION:

“Women’s empowerment through education”

### MISSION:

The institute is “committed to developing conscientious, confident and caring quality nursing professionals of international repute”

M1	<b>Conscientious</b>	Strives to uphold moral right in carrying out duties.
M2	<b>Confident</b>	It is the competence with knowledge, attitude and skills needed in nursing activities. Ability to analyze new ideas, performs skills with competence, and with moral aptitude.
M3	<b>Caring</b>	Ability to embody the five core values of professional nursing includes human dignity, integrity, autonomy, altruism and social justice. The caring professional nurse integrates these values in clinical practice.
M4	<b>Quality nursing professionals</b>	Meeting clients' needs through advocacy, empathy, good interpersonal relationships and teamwork.
M5	<b>International repute</b>	To the practice of nursing in a global context.

### PROGRAM EDUCATIONAL OBJECTIVES

PEO No.	Description
<b>PEO 1</b>	Utilize critical thinking to synthesize knowledge derived from physical, biological, behavioural sciences, and humanities, in the practice of professional nursing and midwifery
<b>PEO 2</b>	Practice professional nursing and midwifery competently and safely in diverse settings, utilizing caring, critical thinking and therapeutic nursing interventions with individuals, families, populations and communities at any developmental stage and with varied lived health experiences.
<b>PEO 3</b>	Provide promotive, preventive and restorative health services in line with national health policies and programs.
<b>PEO 4</b>	Integrate professional caring into practice decisions that encompass values, ethical, and moral and legal aspects of nursing.



<b>PEO 5</b>	Respect the dignity, worth, and uniqueness of self and others.
<b>PEO 6</b>	Apply concepts of leadership, autonomy and management to the practice of nursing and midwifery to enhance quality and safety in health care.
<b>PEO 7</b>	Utilize the latest knowledge and skills related to information and technology to enhance patient outcomes.
<b>PEO 8</b>	Communicate effectively with patients, peers, and all health care providers.
<b>PEO 9</b>	Utilize the requisite knowledge, skills and technologies to practice independently and collaboratively with all health professionals applying the principles of safety and quality improvement.
<b>PEO 10</b>	Integrate research findings and nursing theory in decision making in evidence-based practice.
<b>PEO 11</b>	Accept responsibility and accountability for the effectiveness of one's own nursing and midwifery practice and professional growth as a learner, clinician and leader.
<b>PEO 12</b>	Participate in the advancement of the profession to improve health care for the betterment of the global society.

### Mapping PEO with mission statement

PEO/ M	M1	M2	M3	M4	M5
PEO1	3	3	3	3	3
PEO2	3	3	3	3	3
PEO3	3	3	3	3	1
PEO4	3	3	3	3	3
PEO5	3	3	3	3	3
PEO6	3	3	3	3	2
PEO7	3	3	3	3	2
PEO8	3	3	3	3	3
PEO9	3	3	3	3	2
PEO10	3	3	2	3	3
PEO11	3	3	3	3	2
PEO12	3	3	3	3	3



## PROGRAMME OUTCOMES

PO No.	POs	Description
PO 1	Nursing Knowledge	Apply knowledge from physical, biological and behavioral sciences, medicine including alternative systems and nursing in providing care to individuals, families and communities.
PO 2	Nurse and the community	Demonstrate understanding of lifestyle and other factors, which affect health of individuals and groups.
PO 3	Care giver	Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
PO 4	Problem analysis/ Decision making	Demonstrate critical thinking skill in making decisions in all situations to provide quality care.
PO 5	Technology update	Utilize the latest trends and technology in providing health care.
PO 6	Nurse and the health care system	Provide promotive, preventive and restorative health services in line with the national health policies and programmes.
PO 7	Nurse and the profession	Practice within the framework of code of ethics and professional conduct, and acceptable standards of practice within the legal boundaries.
PO 8	Communication	Communicate effectively with individuals and groups and members of the health team in order to promote effective interpersonal relationships and teamwork.
PO 9	Information Education and Counselling	Demonstrate skills in teaching to individuals and groups in clinical /Community health settings.
PO 10	Nurse as a collaborative care giver	Participate effectively as members of the health team in health care delivery system.
PO11.	Nursing administration and management	Demonstrate leadership and managerial skills in clinical/ community health settings.
PO12.	Nursing research	Conduct need based research studies in various settings and utilize the research findings to improve the quality of care.
PO13.	Life-long learning	Demonstrate awareness, interest and contribute towards advancement of self and of the profession.



### Mapping PEO with PO

PEO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
PEO1	3	2	3	3	3	2	2	2	3	3	3	3	3
PEO2	2	2	3	3	1	1	3	2	3	3	3	3	3
PEO3	3	3	3	1	3	3	2	1	2	2	3	3	2
PEO4	2	2	2	3	3	1	2	2	2	1	3	3	1
PEO5	3	3	3	3	3	1	3	2	2	2	3	2	2
PEO6	3	3	2	2	2	3	3	1	2	1	3	3	2
PEO7	3	2	3	2	3	2	2	3	3	2	2	3	2
PEO8	3	3	3	1	1	3	2	3	2	1	3	3	2
PEO9	3	3	2	2	3	2	2	2	2	2	2	3	2
PEO10	2	3	2	3	2	1	1	2	2	1	2	3	1
PEO11	3	3	3	2	3	3	2	3	3	2	3	2	3
PEO12	3	3	3	1	3	1	2	3	2	1	3	3	3

### PROGRAM SPECIFIC OUTCOMES (B.Sc. NURSING)

PSO	Description
PSO 1	Produce knowledgeable competent nurses and midwives with clear critical thinking skills who are caring, motivated, assertive and well-disciplined responding to the changing needs of profession, healthcare delivery system and society.
PSO 2	Prepare them to assume responsibilities as professional, competent nurses and midwives in providing promotive, preventive, curative and rehabilitative healthcare services in any healthcare setting.
PSO 3	Prepare nurses and midwives who can make independent decisions in nursing situations within the scope of practice, protect the rights of individuals and groups and conduct research in the areas of nursing practice and apply evidence-based practice.
PSO 4	Prepare them to assume role of practitioner, teacher, supervisor and manager in all healthcare settings



**I semester BSc Nursing**

Subject Code: <b>ENGL 101</b>	Subject Name: <b>Communicative English</b>							<b>T / L/ ETL</b>			<b>L</b>	<b>T / S.Lr</b>	<b>P/ R</b>		
	Prerequisite: English							T/L			L	S/LR			
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL: Theory/Lab/Embedded Theory Lab															
<b>OBJECTIVES</b>															
<ul style="list-style-type: none"> <li>To enhance students ability to speak and write the language required for effective communication in their professional work.</li> <li>To practice their skills in verbal and written english during clinical and classroom experience.</li> </ul>															
<b>COURSE OUTCOMES (COS)</b>															
<b>CO1</b>	Identify the significance of communicative english for healthcare professionals.														
<b>CO2</b>	Apply the concepts and principles of english language use in professional development such as pronunciation, vocabulary, grammar, paraphrasing, voice modulation, spelling, pause and silence.														
<b>CO3</b>	Demonstrate attentive listening in different hypothetical situations.														
<b>CO4</b>	Converse effectively, appropriately and timely within the given context and the individual or team they are communicating														
<b>CO5</b>	Analyse the situation and apply critical thinking strategies.														
<b>CO6</b>	Enhance expressions through writing skills.														
<b>COs/POs</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>P 5</b>	<b>PO6</b>	<b>PO7</b>	<b>P 8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO12</b>	<b>PO 13</b>	
<b>CO1</b>	3	3	1	1	1	1	2	3	2	2	2	2	2	2	
<b>CO2</b>	2	2	1	2	1	2	2	3	3	1	1	1	2	1	
<b>CO3</b>	3	3	3	3	2	2	3	3	2	2	2	2	1	2	
<b>CO4</b>	3	3	3	3	1	1	3	2	2	1	3	2	2	1	
<b>CO5</b>	2	3	3	3	2	1	2	3	3	2	1	3	2	2	
<b>CO6</b>	3	3	1	2	2	2	3	2	2	2	3	3	1	2	
<b>COs /PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>					
<b>CO1</b>	1			1			1			1					
<b>CO2</b>	1			1			1			2					
<b>CO3</b>	1			1			1			1					
<b>CO4</b>	3			1			1			2					
<b>CO5</b>	3			1			1			1					
<b>CO6</b>	1			1			1			2					
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>															
<b>Category</b>	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill/Value added course							Soft Skills
			✓				✓	✓							



Subject Code: <b>ANAT 105</b>	Subject Name: <b>APPLIED ANATOMY</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/ R</b>
	Prerequisite: <b>Biology</b>	T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded TheoryLab

**OBJECTIVES**

- To gain knowledge of the normal structure of human body
- To understand alteration in anatomical structure
- To integrate the knowledge of changes in the normal structure of the body with the clinical nursing practice

**COURSE OUTCOMES (COS) Students completing this course were able to**

<b>CO1</b>	Describe anatomical terms.
<b>CO2</b>	Explain the general and microscopic structure of each system of the body.
<b>CO3</b>	Identify relative positions of the major body organs as well as their general anatomic locations.
<b>CO4</b>	Explore the effect of alterations in structure.
<b>CO5</b>	Apply knowledge of anatomic structures to analyse clinical situations and therapeutic applications.

COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
<b>CO1</b>	1	1	2	2	1	2	2	2	2	1	1	2	1
<b>CO2</b>	2	1	3	1	2	3	3	3	2	1	2	2	1
<b>CO3</b>	2	1	2	2	1	2	2	1	3	1	2	2	2
<b>CO4</b>	3	1	3	1	1	3	3	3	3	2	2	3	2
<b>CO5</b>	3	1	3	3	1	1	3	3	2	1	3	1	1

COs /PSOs	PSO 1			PSO 2			PSO 3			PSO 4		
<b>CO1</b>	2			1			1			1		
<b>CO2</b>	1			2			1			2		
<b>CO3</b>	1			1			2			1		
<b>CO4</b>	2			1			1			2		
<b>CO5</b>	1			2			2			1		

**3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low**

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	Optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
	✓	✓					✓		



Subject Code: <b>PHYC 120</b>	Subject Name: <b>APPLIED PHYSIOLOGY</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/ R</b>
	Prerequisite: <b>Biology</b>	T/L	L	S/LR	

L : Lecture T: Tutorial S Lr : Supervised Learning P : Project R : Research  
 C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES:** Students completing this course were able to

- To gain knowledge of the normal structure of human body
- To understand alteration in anatomical structure
- To integrate the knowledge of changes in the normal structure of the body with the clinical nursing practice

**COURSE OUTCOMES (COs)** Students completing this course were able to

<b>CO1</b>	Develop understanding of the normal functioning of various organ systems of the body.
<b>CO2</b>	Identify the relative contribution of each organ system towards maintenance of homeostasis.
<b>CO3</b>	Describe the effect of alterations in functions.
<b>CO4</b>	Apply knowledge of physiological basis to analyse clinical situations and therapeutic applications

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
<b>CO1</b>	1	1	2	2	1	2	2	2	2	1	1	2	1
<b>CO2</b>	2	1	3	3	2	3	3	3	2	1	2	2	1
<b>CO3</b>	2	1	2	2	1	2	2	1	3	1	2	2	2
<b>CO4</b>	3	1	3	3	1	3	3	3	3	2	2	3	2

COs /PSOs	PSO 1	PSO 2	PSO 3	PSO 4
<b>CO1</b>	2	1	1	1
<b>CO2</b>	1	2	1	2
<b>CO3</b>	1	1	2	1
<b>CO4</b>	2	1	1	2

3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
	✓	✓	✓				✓		



Subject Code: <b>SOCI 115</b>		Subject Name: <b>APPLIED SOCIOLOGY</b>					T / L / ETL		L	T / S.Lr	P / R			
							T/L		L	S/LR				
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R: Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES:</b> Students completing this course were able to														
<ul style="list-style-type: none"> <li>To enable the students to develop understanding about basic concepts of sociology and its application in personal and community life, health, illness and nursing.</li> </ul>														
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to														
<b>CO1</b>	Identify the scope and significance of sociology in nursing.													
<b>CO2</b>	Apply the knowledge of social structure and different culture in a society in identifying social needs of sick clients.													
<b>CO3</b>	Identify different types of caste, class, social change and its influence on health and health practices.													
<b>CO4</b>	Develop understanding about types of family, marriage and its legislation.													
<b>CO5</b>	Develop understanding about social organization and disorganization and social problems in India.													
<b>CO6</b>	Integrate the knowledge of clinical sociology and its uses in crisis intervention													
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>	
<b>CO1</b>	3	3	2	1	1	2	1	1	1	1	1	1	2	
<b>CO2</b>	2	2	3	1	1	3	1	1	2	2	1	1	1	
<b>CO3</b>	2	3	2	2	1	3	1	2	1	1	1	2	2	
<b>CO4</b>	2	2	2	1	1	2	1	2	2	2	2	1	1	
<b>CO5</b>	3	2	3	1	1	2	1	1	1	2	2	1	2	
<b>COs /PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>				
<b>CO1</b>	1			2			2			2				
<b>CO2</b>	2			2			1			1				
<b>CO3</b>	2			1			1			1				
<b>CO4</b>	1			1			1			2				
<b>CO5</b>	1			1			1			1				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
<b>Category</b>	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
	✓		✓				✓							✓



Subject Code: <b>PSYC 120</b>		Subject Name: <b>APPLIED PSYCHOLOGY</b>						T / L/ ETL		L	T / S.Lr	P/ R		
								T/L		L	S/LR			
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To develop understanding about basic concepts of psychology and its application in personal and community life, health, illness and nursing.</li> <li>To recognize the significance and application of soft skills and self-empowerment in the practice of nursing.</li> </ul>														
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to														
CO1	Identify the importance of psychology in individual and professional life.													
CO2	Develop understanding of the biological and psychological basis of human behaviour.													
CO3	Identify the role of nurse in promoting mental health and dealing with altered personality.													
CO4	Perform the role of nurses applicable to the psychology of different age groups													
CO5	Identify the cognitive and affective needs of clients.													
CO6	Demonstrate basic understanding of psychological assessment and nurse's role.													
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>	
CO1	3	3	2	1	1	2	1	1	1	1	1	1	2	
CO2	2	2	3	1	1	3	1	1	2	2	1	1	1	
CO3	2	3	2	2	1	3	1	2	1	1	1	2	2	
CO4	2	2	2	1	1	2	1	2	2	2	2	1	1	
CO5	2	2	2	3	1	2	2	2	2	1	1	2	1	
CO6	1	2	2	2	1	1	1	1	1	2	1	1	1	
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>				
CO1	1			2			2			2				
CO2	2			2			1			1				
CO3	2			1			1			1				
CO4	1			1			1			2				
CO5	1			2			2			2				
CO6	2			1			1			2				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
<b>Category</b>	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
	✓		✓				✓							



Subject Code: N- NF(1) 125	Subject Name: <b>NURSING FOUNDATION - I</b> (including First Aid module)	T / L/ ETL	L	T / S.Lr	P/ R
		T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To help novice nursing students develop knowledge and competencies required to provide evidence-based, comprehensive basic nursing care for adult patients, using nursing process approach..

**COURSE OUTCOMES (COs)** Students completing this course were able to

<b>CO1</b>	Develop understanding about the concept of health, illness and scope of nursing within health care services.
<b>CO2</b>	Apply values, code of ethics and professional conduct in professional life.
<b>CO3</b>	Apply the principles and methods of effective communication in establishing communication links with patients, families and other health team members.
<b>CO4</b>	Develop skill in recording and reporting.
<b>CO5</b>	Describe the fundamental principles and techniques of infection control and biomedical waste management.
<b>CO6</b>	Perform admission, transfer, and discharge of a patient under supervision applying the knowledge.

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	2	3	2	2	2	3	2	3	2	2	3	3	3
CO2	3	2	3	3	3	2	3	2	2	3	2	2	2
CO3	2	2	2	2	3	2	3	2	3	3	3	2	3
CO4	2	2	2	3	2	3	2	3	3	2	3	3	2
CO5	3	3	3	2	2	2	3	3	2	3	2	3	3
CO6	3	2	3	3	3	3	2	2	3	2	2	2	2

COs/PSOs	PSO 1	PSO 2	PSO 3	PSO 4
CO1	1	3	2	2
CO2	2	2	3	3
CO3	2	3	2	2
CO4	3	3	2	3
CO5	3	2	3	3
CO6	2	2	3	2

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
		✓	✓	✓	✓	✓	✓		



II Semester BSc Nursing													
Subject Code: <b>BIOC 135</b>	Subject Name: <b>APPLIED BIOCHEMISTRY</b>					T / L / ETL		L	T / S.Lr	P / R			
	Prerequisites: <b>Chemistry</b>					T/L		L	S/LR				
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To acquire knowledge of the normal biochemical composition and functioning of human body, its alterations in disease conditions</li> <li>To apply this knowledge in the practice of nursing.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Describe the metabolism of carbohydrates, lipid, protein and its alterations.												
CO2	Explain clinical enzymology in various disease conditions.												
CO3	Explain acid base balance, imbalance and its clinical significance												
CO4	Describe the metabolism of haemoglobin and its clinical significance												
CO5	Explain different function tests and interpret the findings												
CO6	Illustrate the immunochemistry.												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
CO1	1	1	2	2	1	2	2	2	2	1	1	2	1
CO2	2	1	3	3	2	3	3	3	2	1	2	2	1
CO3	2	1	2	2	1	2	2	1	3	1	2	2	2
CO4	3	1	3	3	1	3	3	3	3	2	2	3	2
CO5	2	2	1	1	2	2	1	2	1	2	2	2	2
CO6	1	2	2	2	2	1	2	2	2	1	2	1	2
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
CO1	1			2			2			2			
CO2	2			1			3			3			
CO3	2			2			2			2			
CO4	3			1			3			3			
CO5	2			2			1			1			
CO6	1			2			2			2			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health Science</b>	<b>Humanities and Social Sciences</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>optional Electives</b>	<b>Practical / Project</b>	<b>Internships / Technical Skill</b>	<b>Soft Skills</b>				
	✓						✓						



Subject Code: <b>N-NF(II) 125</b>	Subject Name: <b>NURSING FOUNDATION - II (including Health Assessment Module)</b>					T / L/ ETL					L	T / S.Lr	P/ R
						T/L					L	S/LR	
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To develop knowledge and competencies required to provide evidence-based, comprehensive basic nursing care for adult patients, using nursing process approach.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
<b>CO1</b>	Develop understanding about fundamentals of health assessment and perform health assessment in supervised clinical settings												
<b>CO2</b>	Demonstrate fundamental skills of assessment, planning, implementation and evaluation of nursing care using Nursing process approach in supervised clinical settings												
<b>CO3</b>	Assess the Nutritional needs of patients and provide relevant care under supervision												
<b>CO4</b>	Identify and meet the hygienic and elimination needs of patients												
<b>CO5</b>	Interpret findings of specimen testing applying the knowledge of normal values												
<b>CO6</b>	Promote oxygenation based on identified oxygenation needs of patients under supervision												
<b>CO7</b>	Review the concept of fluid, electrolyte balance integrating the knowledge of applied physiology												
<b>CO8</b>	Apply the knowledge of the principles, routes, effects of administration of medications and calculate conversions of drugs and dosages within and between systems of administering medication												
<b>CO9</b>	Identify stressors and stress adaptation modes												
<b>CO10</b>	Integrate the knowledge of culture and cultural differences in meeting the spiritual needs												
<b>CO11</b>	Explain the introductory concepts relevant to models of health and illness in patient care												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	2	3	2	2	2	3	2	3	2	2	3	3	3
<b>CO2</b>	3	2	3	3	3	2	3	2	2	3	2	2	2
<b>CO3</b>	2	2	2	2	3	2	3	2	3	3	3	2	3
<b>CO4</b>	2	2	2	3	2	3	2	3	3	2	3	3	2
<b>CO5</b>	3	3	3	2	2	2	3	3	2	3	2	3	3
<b>CO6</b>	3	2	3	3	3	3	2	2	3	2	2	2	2
<b>CO7</b>	2	3	2	2	2	3	2	3	2	2	3	3	3
<b>CO8</b>	3	2	3	3	3	2	3	2	2	3	2	2	2
<b>CO9</b>	2	2	2	2	3	2	3	2	3	3	3	2	3
<b>CO10</b>	2	2	2	3	2	3	2	3	3	2	3	3	2



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CO11	3	3	3	2	2	2	3	3	2	3	2	3	3	
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4				
CO1	2			3			2			2				
CO2	3			2			3			3				
CO3	2			2			2			2				
CO4	2			2			2			3				
CO5	3			3			3			2				
CO6	3			2			3			3				
CO7	2			3			2			2				
CO8	3			2			3			3				
CO9	2			2			2			2				
CO10	2			2			2			3				
CO11	3			3			3			2				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
		✓	✓	✓	✓	✓	✓							

Subject Code: <b>NUTR 140</b>	Subject Name: <b>APPLIED NUTRITION AND DIETETICS</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/ R</b>
	<b>Prerequisites: Chemistry</b>	T/L	L	S/LR	

L: Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To acquire basic knowledge and understanding of the principles of nutrition and dietetics.
- To apply this knowledge in the practice of nursing.

**COURSE OUTCOMES (COs)** Students completing this course were able to

<b>CO1</b>	Identify the importance of nutrition in health and wellness.
<b>CO2</b>	Apply nutrient and dietary modifications in caring patients.
<b>CO3</b>	Explain the principles and practices of nutrition and dietetics.
<b>CO4</b>	Identify nutritional needs of different age groups and plan a balanced diet for them.
<b>CO5</b>	Identify the dietary principles for different diseases.
<b>CO6</b>	Plan therapeutic diet for patients suffering from various disease conditions.
<b>CO7</b>	Prepare meals using different methods and cookery rules.

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
<b>CO1</b>	1	1	2	2	1	2	2	2	2	1	1	2	1
<b>CO2</b>	2	1	3	3	2	3	3	3	2	1	2	2	1
<b>CO3</b>	2	1	2	2	1	2	2	1	3	1	2	2	2
<b>CO4</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO5</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO6</b>	1	2	2	2	2	1	2	2	2	1	2	1	2
<b>CO7</b>	2	2	1	1	2	2	1	2	1	2	2	2	2

COs/PSOs	PSO 1	PSO 2	PSO 3	PSO 4
<b>CO1</b>	1	2	2	2
<b>CO2</b>	2	1	3	3
<b>CO3</b>	2	2	2	2
<b>CO4</b>	3	1	3	3
<b>CO5</b>	2	2	1	1
<b>CO6</b>	1	2	2	2
<b>CO7</b>	1	2	2	2

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill/Value added module	Soft Skills
	✓						✓	✓	



Subject Code: <b>HNIT 145</b>	Subject Name: <b>HEALTH/NURSING INFORMATICS AND TECHNOLOGY</b>					T / L/ ETL			L	T / P/			
						T/L				L	S/Lr	R	
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To equip novice nursing students with knowledge and skills necessary to deliver efficient informatics-led health care services.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
<b>CO1</b>	Develop a basic understanding of computer application in patient care and nursing practice.												
<b>CO2</b>	Apply the knowledge of computer and information technology in patient care and nursing education, practice, administration and research.												
<b>CO3</b>	Describe the principles of health informatics and its use in developing efficient healthcare.												
<b>CO4</b>	Demonstrate the use of information system in healthcare for patient care and utilization of nursing data.												
<b>CO5</b>	Demonstrate the knowledge of using Electronic Health Records (EHR) system in clinical practice.												
<b>CO6</b>	Apply the knowledge of interoperability standards in clinical setting, information and communication technology in public health promotion.												
<b>CO7</b>	Utilize the functionalities of Nursing Information System (NIS) system in nursing.												
<b>CO8</b>	Demonstrate the skills of using data in management of health care.												
<b>CO9</b>	Apply the knowledge of the principles of digital ethical and legal issues in clinical practice.												
<b>CO10</b>	Utilize evidence-based practices in informatics and technology for providing quality patient care.												
<b>CO11</b>	Update and utilize evidence-based practices in nursing education, administration, and practice.												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	1	1	2	2	1	2	2	2	2	1	1	2	1
<b>CO2</b>	2	1	3	3	2	3	3	3	2	1	2	2	1



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<b>CO3</b>	2	1	2	2	1	2	2	1	3	1	2	2	2	
<b>CO4</b>	3	1	3	3	1	3	3	3	3	2	2	3	2	
<b>CO5</b>	2	2	1	1	2	2	1	2	1	2	2	2	2	
<b>CO6</b>	1	2	2	2	2	1	2	2	2	1	2	1	2	
<b>CO7</b>	1	1	2	2	1	2	2	2	2	1	1	2	1	
<b>CO8</b>	2	1	3	3	2	3	3	3	2	1	2	2	1	
<b>CO9</b>	2	1	2	2	1	2	2	1	3	1	2	2	2	
<b>CO10</b>	3	1	3	3	1	3	3	3	3	2	2	3	2	
<b>CO11</b>	2	2	1	1	2	2	1	2	1	2	2	2	2	
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>				
<b>CO1</b>	1			1			2			2				
<b>CO2</b>	2			1			3			3				
<b>CO3</b>	2			1			2			2				
<b>CO4</b>	3			1			3			3				
<b>CO5</b>	2			2			1			1				
<b>CO6</b>	1			1			2			2				
<b>CO7</b>	2			1			3			3				
<b>CO8</b>	2			1			2			2				
<b>CO9</b>	3			1			3			3				
<b>CO10</b>	2			2			1			1				
<b>CO11</b>	2			1			3			3				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
<b>Category</b>	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	Optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
		✓					✓							

**III Semester B.Sc. Nursing**

Subject Code: <b>MICR 201</b>	Subject Name: <b>APPLIED MICROBIOLOGY AND INFECTION CONTROL INCLUDING SAFETY</b> <b>Section A: APPLIED MICROBIOLOGY</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/ R</b>
	<b>Prerequisite: Microbiology</b>	T/L	L	S/LR	

L: Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To acquire an understanding of fundamentals of microbiology, compare different microbes and comprehend the means of transmission and control of spread by various microorganisms.
- To provides opportunities for practicing infection control measures in hospital and community settings.

**COURSE OUTCOMES (COs) Students completing this course were able to**

<b>CO1</b>	Identify the ubiquity and diversity of microorganisms in the human body and the environment.
<b>CO2</b>	Classify and explain the morphology and growth of microbes.
<b>CO3</b>	Identify various types of microorganisms.
<b>CO4</b>	Explore mechanisms by which microorganisms cause disease.
<b>CO5</b>	Develop understanding of how the human immune system counteracts infection by specific and non-specific mechanisms.
<b>CO6</b>	Apply the principles of preparation and use of vaccines in immunization.
<b>CO7</b>	Identify the contribution of the microbiologist and the microbiology laboratory to the diagnosis of infection.

COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	1	1	2	2	1	2	2	2	2	1	1	2	1
CO2	2	1	3	3	2	3	3	3	2	1	2	2	1
CO3	2	1	2	2	1	2	2	1	3	1	2	2	2
CO4	3	1	3	3	1	3	3	3	3	2	2	3	2
CO5	2	2	1	1	2	2	1	2	1	2	2	2	2
CO6	3	1	3	3	1	3	3	3	3	2	2	3	2
CO7	2	2	1	1	2	2	1	2	1	2	2	2	2

COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4		
CO1	2			1			2			2		
CO2	2			1			3			3		
CO3	2			1			2			2		
CO4	3			1			3			3		
CO5	2			2			1			1		
CO6	3			1			3			3		
CO7	2			2			1			1		

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internship s / Technical Skill	Soft Skills
		✓	✓				✓		



Subject Code: <b>MICR 201</b>	Subject Name: <b>APPLIED MICROBIOLOGY AND INFECTION CONTROL INCLUDING SAFETY</b> <b>Section B: INFECTION CONTROL INCLUDING SAFETY</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/ R</b>
	<b>Prerequisite: Microbiology</b>	T/L	L	S/LR	

L: Lecture T: Tutorial SLr: Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To acquire knowledge and develop competencies required for fundamental patient safety and infection control in delivering patient care.
- To identify patient safety indicators, preventing and managing hospital acquired infections, and in following universal precautions.

**COURSE OUTCOMES (COs)** Students completing this course were able to

<b>CO1</b>	Develop knowledge and understanding of hospital acquired infections (HAI) and effective practices for prevention.												
<b>CO2</b>	Integrate the knowledge of isolation (barrier and reverse barrier) techniques in implementing various precautions.												
<b>CO3</b>	Demonstrate and practice steps in hand washing and appropriate use of different types of PPE.												
<b>CO4</b>	Illustrate various disinfection and sterilization methods and techniques.												
<b>CO5</b>	Demonstrate knowledge and skill in specimen collection, handling and transport to optimize the diagnosis for treatment.												
<b>CO6</b>	Incorporate the principles and guidelines of bio medical waste management.												
<b>CO7</b>	Apply the principles of Antibiotic stewardship in performing the nurses' role.												
<b>CO8</b>	Identify patient safety indicators and perform the role of nurse in the patient safety audit process.												
<b>CO9</b>	Apply the knowledge of International Patient Safety Goals (IPSG) in the patient care settings.												
<b>CO10</b>	Identify employee safety indicators and risk of occupational hazards.												
<b>CO11</b>	Develop understanding of the various safety protocols and adhere to those protocols.												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	1	1	2	2	1	2	2	2	2	1	1	2	1
<b>CO2</b>	2	1	3	3	2	3	3	3	2	1	2	2	1
<b>CO3</b>	2	1	2	2	1	2	2	1	3	1	2	2	2
<b>CO4</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO5</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO6</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO7</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO8</b>	1	1	2	2	1	2	2	2	2	1	1	2	1
<b>CO9</b>	2	1	3	3	2	3	3	3	2	1	2	2	1
<b>CO10</b>	2	1	2	2	1	2	2	1	3	1	2	2	2



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CO11	1	1	2	2	1	2	2	1	3	1	2	2	2
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
CO1	2			1			2			2			
CO2	2			1			2			2			
CO3	2			1			2			2			
CO4	2			1			2			2			
CO5	2			1			2			2			
CO6	2			1			2			2			
CO7	2			1			2			2			
CO8	2			1			2			2			
CO9	2			1			2			2			
CO10	2			1			2			2			
CO11	2			1			2			2			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills				
		✓	✓				✓						

Subject Code: <b>PHAR (I) 205</b>	Subject Name: <b>PHARMACOLOGY - I</b>					T / L / ETL					L	T / S.Lr	P/ R	
						T/L								
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To acquire understanding of pharmacodynamics, pharmacokinetics, principles of therapeutics and nursing implications.</li> </ul>														
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to														
<b>CO1</b>	Describe pharmacodynamics and pharmacokinetics.													
<b>CO2</b>	Review the principles of drug calculation and administration.													
<b>CO3</b>	Explain the commonly used antiseptics and disinfectants.													
<b>CO4</b>	Describe the pharmacology of drugs acting on the GI system.													
<b>CO5</b>	Describe the pharmacology of drugs acting on the respiratory system.													
<b>CO6</b>	Describe drugs used in the treatment of cardiovascular and blood disorders.													
<b>CO7</b>	Explain the drugs used in the treatment of endocrine system disorders.													
<b>CO8</b>	Describe the drugs acting on skin and drugs used to treat communicable diseases.													
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>	
<b>CO1</b>	2	1	2	2	1	2	2	1	3	1	2	2	2	
<b>CO2</b>	3	1	3	3	1	3	3	3	3	2	2	3	2	
<b>CO3</b>	2	2	1	1	2	2	1	2	1	2	2	2	2	
<b>CO4</b>	1	1	3	1	1	3	3	3	3	2	2	3	2	
<b>CO5</b>	2	2	1	1	2	2	1	2	1	2	2	2	2	
<b>CO6</b>	1	1	2	2	1	2	2	2	2	1	1	2	1	
<b>CO7</b>	2	2	1	1	2	2	1	2	1	2	2	2	2	
<b>CO8</b>	3	1	3	3	1	3	3	3	3	2	2	3	2	
<b>COs /PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>				
<b>CO1</b>	2			1			2			2				
<b>CO2</b>	3			1			3			3				
<b>CO3</b>	1			2			2			1				
<b>CO4</b>	3			1			3			3				
<b>CO5</b>	1			2			2			1				
<b>CO6</b>	2			1			2			2				
<b>CO7</b>	1			2			2			1				
<b>CO8</b>	3			1			3			3				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
Category	Basic Sciences	Medical and Allied Health	Humanities and	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
		✓	✓	✓			✓							



Subject Code: <b>PATH (I) 210</b>	SUBJECT NAME: <b>PATHOLOGY I</b>						T / L / ETL			L	T / S.Lr	P/ R	
							T/L			L	S/LR		
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To acquire knowledge of pathology of various disease conditions, understanding of genetics, its role in causation and management of defects and diseases.</li> <li>To apply this knowledge in practice of nursing.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Apply the knowledge of pathology in understanding the deviations from normal to abnormal pathology.												
CO2	Rationalize the various laboratory investigations in diagnosing pathological disorders.												
CO3	Demonstrate the understanding of the methods of collection of blood, body cavity fluids, urine and feces for various												
CO4	Apply the knowledge of genetics in understanding the various pathological disorders.												
CO5	Appreciate the various manifestations in patients with diagnosed genetic abnormalities.												
CO6	Rationalize the specific diagnostic tests in the detection of genetic abnormalities.												
CO7	Demonstrate the understanding of various services related to genetics.												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
CO1	2	1	2	2	1	2	2	1	3	1	2	2	2
CO2	3	1	3	3	1	3	3	3	3	2	2	3	2
CO3	2	2	1	1	2	2	1	2	1	2	2	2	2
CO4	3	1	3	3	1	3	3	3	3	2	2	3	2
CO5	2	2	1	1	2	2	1	2	1	2	2	2	2
CO6	1	1	2	2	1	2	2	2	2	1	1	2	1
CO7	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
CO1	2			2			1			2			
CO2	3			3			1			3			
CO3	1			1			2			2			
CO4	3			3			1			3			
CO5	1			1			2			2			
CO6	2			2			1			2			
CO7	1			1			2			2			
<b>3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low</b>													
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health Science</b>	<b>Humanities and Social Sciences</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>optional Electives</b>	<b>Practical / Project</b>	<b>Internships / Technical Skill</b>					<b>Soft Skills</b>
		✓	✓				✓						

Subject Code: <b>N AHN (I) 215</b>	SUBJECT NAME: <b>ADULT HEALTH NURSING - I WITH INTEGRATED PATHOPHYSIOLOGY (including BCLS module)</b>	T / L/ ETL	L	T / S.Lr	P/ R
		T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To review and apply their knowledge of anatomy, physiology, biochemistry and behavioral sciences in caring for adult patients with Medical/Surgical disorders using nursing process approach and critical thinking.
- To develop competencies required for assessment, diagnosis, treatment, nursing management, and supportive/ palliative care to patients with various Medical Surgical disorders.

**COURSE OUTCOMES (COs) Students completing this course were able to**

<b>CO1</b>	Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of common medical and surgical disorders.
<b>CO2</b>	Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of anatomy, physiology and diagnostic tests in the process of data collection.
<b>CO3</b>	Identify nursing diagnoses, list them according to priority and formulate nursing care plan.
<b>CO4</b>	Perform nursing procedures skillfully and apply scientific principles while giving comprehensive nursing care to patients.
<b>CO5</b>	Integrate knowledge of pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.
<b>CO6</b>	Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.
<b>CO7</b>	Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.
<b>CO8</b>	Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.
<b>CO9</b>	Identify the drugs used in treating patients with medical surgical conditions.
<b>CO10</b>	Plan and give relevant individual and group education on significant medical surgical topics.
<b>CO11</b>	Maintain safe environment for patients and the health care personnel in the hospital.
<b>CO12</b>	Integrate evidence-based information while giving nursing care to patients.

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
<b>CO1</b>	2	1	2	2	1	2	2	1	3	1	2	2	2
<b>CO2</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO3</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO4</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO5</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO6</b>	1	1	2	2	1	2	2	2	2	1	1	2	1
<b>CO7</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO8</b>	2	2	1	1	2	2	1	2	1	2	2	2	2



Committed to developing "Conscientious, Confident & Caring quality nursing professionals"  
 MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S

**Smt. Bakul Tambat Institute of Nursing Education**

(Affiliated to MSBNPE, MNC, MUHS & INC, NAAC Accredited) 'A' Grade



CO9	1	1	2	2	1	2	2	2	2	1	1	2	1
CO10	2	2	1	1	2	2	1	2	1	2	2	2	2
CO11	2	2	1	1	2	2	1	2	1	2	2	2	2
CO12	1	1	2	2	1	2	2	2	2	1	1	2	1
<b>COs /PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
CO1	1			1			2			2			
CO2	2			2			1			2			
CO3	1			1			2			2			
CO4	1			1			2			2			
CO5	2			2			1			2			
CO6	1			1			2			2			
CO7	1			1			2			2			
CO8	2			2			1			2			
CO9	1			1			2			2			
CO10	2			2			1			2			
CO11	1			1			2			2			
CO12	1			1			2			2			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
<b>Category</b>	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill					Soft Skills
		✓	✓	✓	✓	✓	✓						

**IV Semester BSc Nursing**

Subject Code: <b>PHAR (II) 205</b>	SUBJECT NAME: <b>PHARMACOLOGY (II) including Fundamentals of Prescribing Module</b>					T / L / ETL					L	T / S.Lr	P/ R	
						T/L								L
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To review and apply their knowledge of anatomy, physiology, biochemistry and behavioral sciences in caring for adult patients with medical/surgical disorders using nursing process approach and critical thinking.</li> <li>To develop competencies required for assessment, diagnosis, treatment, nursing management, and supportive/ palliative care to patients with various medical surgical disorders.</li> </ul>														
<b>COURSE OUTCOMES (COs) Students completing this course were able to</b>														
<b>CO1</b>	Explain the drugs used in the treatment of ear, nose, throat and eye disorders.													
<b>CO2</b>	Explain the drugs used in the treatment of urinary system disorders.													
<b>CO3</b>	Describe the drugs used in the treatment of nervous system disorders.													
<b>CO4</b>	Explain the drugs used for hormonal replacement and for the pregnant women during antenatal, intra natal and postnatal period.													
<b>CO5</b>	Explain the drugs used to treat emergency conditions and immune disorders.													
<b>CO6</b>	Discuss the role and responsibilities of nurses towards safe administration of drugs used to treat disorders of various systems with basic understanding of pharmacology.													
<b>CO7</b>	Demonstrate understanding about the drugs used in alternative system of medicine.													
<b>CO8</b>	Demonstrate understanding about the fundamental principles of prescribing.													
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>	
<b>CO1</b>	2	1	2	2	1	2	2	1	3	1	2	2	2	
<b>CO2</b>	3	1	3	3	1	3	3	3	3	2	2	3	2	
<b>CO3</b>	2	2	1	1	2	2	1	2	1	2	2	2	2	
<b>CO4</b>	3	1	3	3	1	3	3	3	3	2	2	3	2	
<b>CO5</b>	2	2	1	1	2	2	1	2	1	2	2	2	2	
<b>CO6</b>	1	1	2	2	1	2	2	2	2	1	1	2	1	
<b>CO7</b>	2	2	1	1	2	2	1	2	1	2	2	2	2	
<b>CO8</b>	2	1	2	2	1	2	2	1	3	1	2	2	2	
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>				
<b>CO1</b>	2			2			1			2				
<b>CO2</b>	3			3			1			3				
<b>CO3</b>	1			1			2			2				
<b>CO4</b>	3			3			1			3				
<b>CO5</b>	1			1			2			2				
<b>CO6</b>	2			2			1			2				
<b>CO7</b>	1			1			2			2				
<b>CO8</b>	2			2			1			2				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Humanities</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>optional Electives</b>	<b>Practical / Project</b>	<b>Internships / Technical Skill</b>							<b>Soft Skills</b>
	✓	✓	✓			✓	✓							

Subject Code: <b>PATH (II) 210</b>	SUBJECT NAME: <b>PATHOLOGY - II AND GENETICS</b>					T / L/ ETL		L	T / S.Lr	P/ R			
						T/L	L				S/LR		
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded TheoryLab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To acquire knowledge of pathology of various disease conditions, understanding of genetics, its role in causation and management of defects and diseases and to apply this knowledge in practice of nursing.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
<b>CO1</b>	Apply the knowledge of pathology in understanding the deviations from normal to abnormal pathology												
<b>CO2</b>	Rationalize the various laboratory investigations in diagnosing pathological disorders												
<b>CO3</b>	Demonstrate the understanding of the methods of collection of blood, body cavity fluids, urine and feces for various tests												
<b>CO4</b>	Apply the knowledge of genetics in understanding the various pathological disorders												
<b>CO5</b>	Appreciate the various manifestations in patients with diagnosed genetic abnormalities												
<b>CO6</b>	Rationalize the specific diagnostic tests in the detection of genetic abnormalities.												
<b>CO7</b>	Demonstrate the understanding of various services related to genetics.												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	2	1	2	2	1	2	2	1	3	1	2	2	2
<b>CO2</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO3</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO4</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO5</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO6</b>	1	1	2	2	1	2	2	2	2	1	1	2	1
<b>CO7</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
<b>CO1</b>	2			1			2			2			
<b>CO2</b>	3			1			3			3			
<b>CO3</b>	1			2			2			1			
<b>CO4</b>	3			1			3			3			
<b>CO5</b>	1			2			2			1			
<b>CO6</b>	2			1			2			2			
<b>CO7</b>	1			2			2			1			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health Science</b>	<b>Humanities and Social Sciences</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>optional Electives</b>	<b>Practical / Project</b>	<b>Internships / Technical Skill</b>					<b>Soft Skills</b>
		✓	✓				✓						



Subject Code: <b>N AHN (II) 225</b>	<b>SUBJECT NAME: ADULT HEALTH NURSING - II WITH INTEGRATED PATHOPHYSIOLOGY (including geriatric nursing and palliative care module)</b>								<b>T / L/ ETL</b>		<b>L</b>	<b>T / S.Lr</b>	<b>P/ R</b>
									T/L		L	S/LR	
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To review and apply their knowledge of Anatomy Physiology, Biochemistry and Behavioral sciences in caring for adult patients with Medical/Surgical disorders using nursing process approach.</li> <li>To develop competencies required for assessment, diagnosis, treatment, nursing management, and supportive/palliative and rehabilitative care to adult patients with various Medical Surgical disorders.</li> </ul>													
<b>COURSE OUTCOMES (COs) Students completing this course were able to</b>													
<b>CO1</b>	Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of selected common medical and surgical disorders.												
<b>CO2</b>	Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of diagnostic tests in the process of data collection.												
<b>CO3</b>	Identify diagnoses, list them according to priority and formulate nursing care plan.												
<b>CO4</b>	Perform nursing procedures skillfully and apply scientific principles while giving comprehensive nursing care to patients.												
<b>CO5</b>	Integrate knowledge of anatomy, physiology, pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.												
<b>CO6</b>	Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.												
<b>CO7</b>	Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.												
<b>CO8</b>	Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.												
<b>CO9</b>	Identify the drugs used in treating patients with selected medical surgical conditions.												
<b>CO10</b>	Plan and provide relevant individual and group education on significant medical surgical topics.												
<b>CO11</b>	Maintain safe environment for patients and the health care personnel in the hospital.												
<b>CO12</b>	Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	2	3	2	2	2	3	2	3	2	2	3	3	3
<b>CO2</b>	3	2	3	3	3	2	3	2	2	3	2	2	2
<b>CO3</b>	2	2	2	2	3	2	3	2	3	3	3	2	3
<b>CO4</b>	2	2	2	3	2	3	2	3	3	2	3	3	2
<b>CO5</b>	3	3	3	2	2	2	3	3	2	3	2	3	3
<b>CO6</b>	3	2	3	3	3	3	2	2	3	2	2	2	2
<b>CO7</b>	2	3	2	2	2	3	2	3	2	2	3	3	3
<b>CO8</b>	3	2	3	3	3	2	3	2	2	3	2	2	2



CO9	2	2	2	2	3	2	3	2	3	3	3	2	3
CO10	2	2	2	3	2	3	2	3	3	2	3	3	2
CO11	3	3	3	2	2	2	3	3	2	3	2	3	3
CO12	3	2	3	3	3	2	3	2	2	3	2	2	2
<b>COs /PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
CO1	3			2			2			2			
CO2	3			3			3			3			
CO3	2			2			2			3			
CO4	3			3			3			2			
CO5	2			2			3			2			
CO6	2			3			2			3			
CO7	3			2			2			2			
CO8	3			3			3			2			
CO9	2			2			3			2			
CO10	2			3			2			3			
CO11	3			2			2			2			
CO12	3			3			3			2			
<b>3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low</b>													
<b>Category</b>	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill					Soft Skills
		✓	✓	✓		✓	✓	✓					



Subject Code: <b>PROF 230</b>	SUBJECT NAME: <b>PROFESSIONALISM, PROFESSIONAL VALUES AND ETHICS INCLUDING BIOETHICS</b>	T / L/ ETL	L	T / S.Lr	P/ R
		T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory  
 Lab

**OBJECTIVES**

- To develop an understanding of professionalism and demonstrate professional behavior in their workplace with ethics and professional values.
- To identify ethical issues in nursing practice and participate effectively in ethical decision making along with health team members.

**COURSE OUTCOMES (COs) Students completing this course were able to**

<b>CO1</b>	Describe profession and professionalism.
<b>CO2</b>	Identify the challenges of professionalism.
<b>CO3</b>	Maintain respectful communication and relationship with other health team members, patients and society.
<b>CO4</b>	Demonstrate professional conduct.
<b>CO5</b>	Describe various regulatory bodies and professional organizations related to nursing.
<b>CO6</b>	Discuss the importance of professional values in patient care.
<b>CO7</b>	Explain the professional values and demonstrate appropriate professional values in nursing practice.
<b>CO8</b>	Demonstrate and reflect on the role and responsibilities in providing compassionate care in the healthcare setting.
<b>CO9</b>	Demonstrate respect, human dignity and privacy and confidentiality to self, patients and their caregivers and other health team members.
<b>CO10</b>	Advocate for patients' wellbeing, professional growth and advancing the profession.
<b>CO11</b>	Identify ethical and bioethical concerns, issues and dilemmas in nursing and healthcare.
<b>CO12</b>	Apply knowledge of ethics and bioethics in ethical decision making along with health team members.
<b>CO 13</b>	Protect and respect patient 's rights.

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
<b>CO1</b>	2	1	2	2	1	2	2	1	3	1	2	2	2
<b>CO2</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO3</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO4</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO5</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO6</b>	1	1	2	2	1	2	2	2	2	1	1	2	1
<b>CO7</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO8</b>	2	1	2	2	1	2	2	1	3	1	2	2	2
<b>CO9</b>	2	1	2	2	1	2	2	1	3	1	2	2	2
<b>CO10</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO11</b>	2	2	1	1	2	2	1	2	1	2	2	2	2

CO12	3	1	3	3	1	3	3	3	3	2	2	3	2
CO13	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>COs /PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
CO1	2			1			2			2			
CO2	3			1			3			3			
CO3	1			2			2			1			
CO4	3			1			3			3			
CO5	1			2			2			1			
CO6	2			1			2			2			
CO7	1			2			2			1			
CO8	2			1			2			2			
CO9	2			1			2			2			
CO10	3			1			3			3			
CO11	1			2			2			1			
CO12	3			1			3			3			
CO13	1			2			2			1			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
<b>Category</b>	<b>Basic Sciences</b>	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill					Soft Skills
		✓	✓				✓						

**V- SEMESTER B.Sc. Nursing**

Subject Code: <b>N-CHN (I) 301</b>	SUBJECT NAME: <b>CHILD HEALTH NURSING - I</b>					T / L/ ETL					L	T / S.Lr	P/ R
						T/L							
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To develop a modern approach to child-care, identification, prevention and nursing management of common health problems of neonates and children.</li> </ul>													
<b>COURSE OUTCOMES (COs) Students completing this course were able to</b>													
<b>CO1</b>	Develop understanding of the history and modern concepts of child health and child-care.												
<b>CO2</b>	Explore the national child welfare services, national programs and legislation in the light of National Health Policy 2017.												
<b>CO3</b>	Describe the role of preventive Pediatrics and perform preventive measures towards accidents.												
<b>CO4</b>	Participate in national immunization programs/Universal Immunization Program (UIP).												
<b>CO5</b>	Identify the developmental needs of children and provide parental guidance.												
<b>CO6</b>	Describe the principles of child health nursing and perform child health nursing procedures.												
<b>CO7</b>	Demonstrate competencies in newborn assessment, planning and implementation of care to normal and high-risk newborn including neonatal resuscitation.												
<b>CO8</b>	Apply the principles and strategies of Integrated Management of Neonatal and Childhood Illness (IMNCI).												
<b>CO9</b>	Apply the knowledge of pathophysiology and provide nursing care to children with respiratory system disorders.												
<b>CO10</b>	Identify and meet childhood emergencies and perform child CPR.												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	2	1	3	3	1	3	3	1	3	3	1	2	3
<b>CO2</b>	3	1	3	3	1	3	3	3	2	3	3	1	2
<b>CO3</b>	2	2	3	3	2	3	3	3	2	2	1	2	3
<b>CO4</b>	3	3	3	3	2	3	3	3	3	2	2	3	2
<b>CO5</b>	3	2	2	2	2	3	3	3	2	2	1	2	2
<b>CO6</b>	1	1	2	2	1	2	2	2	2	1	1	2	1
<b>CO7</b>	3	2	3	3	2	2	2	3	2	2	2	1	2
<b>CO8</b>	3	1	2	3	2	3	3	1	3	2	1	2	3
<b>CO9</b>	3	3	3	3	3	2	2	3	3	3	2	3	3
<b>CO10</b>	3	2	3	3	2	3	3	3	3	2	2	3	2
<b>COs /PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
<b>CO1</b>	3			3			3			3			
<b>CO2</b>	3			3			3			3			
<b>CO3</b>	3			3			3			3			

<b>CO4</b>	3	3	3	3	3				
<b>CO5</b>	3	3	3	3	3				
<b>CO6</b>	3	3	3	3	3				
<b>CO7</b>	3	3	3	3	3				
<b>CO8</b>	3	3	3	3	3				
<b>CO9</b>	3	3	3	3	3				
<b>CO10</b>	3	3	3	3	3				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>									
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills

Subject Code: N-MHN (I) 305	SUBJECT NAME: MENTAL HEALTH NURSING - I					T / L/ ETL				L	T / S.Lr	P/ R	
						T/L							L
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To develop basic understanding of the principles and standards of mental health nursing and skill in application of nursing process in assessment and care of patients with mental health disorders.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Trace the historical development of mental health nursing and discuss its scope.												
CO2	Identify the classification of the mental disorders.												
CO3	Develop basic understanding of the principles and concepts of mental health nursing.												
CO4	Apply the Indian Nursing Council practice standards for psychiatric mental health nursing in supervised clinical settings.												
CO5	Conduct mental health assessment.												
CO6	Identify and maintain therapeutic communication and nurse patient relationship.												
CO7	Demonstrate knowledge of the various treatment modalities and therapies used in mental disorders.												
CO8	Apply nursing process in delivering care to patients with mental disorders.												
CO9	Provide nursing care to patients with schizophrenia and other psychotic disorders based on assessment findings and treatment/therapies used.												
CO10	Provide nursing care to patients with mood disorders based on assessment findings and treatment/therapies used.												
CO11	Provide nursing care to patients with neurotic disorders based on assessment findings and treatment/ therapies used												
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	2	3	3	2	3	3	3	3	2	2	2	3
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO3	3	2	3	3	2	3	3	2	2	2	2	3	3
CO4	3	3	3	3	3	3	3	3	3	3	3	3	3
CO5	3	3	3	3	1	3	3	2	3	1	1	2	3
CO6	1	2	2	3	3	2	3	3	3	3	1	1	2
CO7	3	3	3	3	3	3	3	3	3	3	3	3	3
CO8	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	3	3	3	3	3	3	3	3	3	3	3	3	2
CO10	3	3	3	3	3	3	3	3	3	3	3	3	3
CO11	3	3	3	3	3	3	3	3	3	3	3	3	3
COs /PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
CO1	3			3			3			3			
CO2	3			3			3			3			
CO3	3			3			3			3			
CO4	3			3			3			3			



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<b>CO5</b>	3	3	3	3	3				
<b>CO6</b>	3	3	3	3	3				
<b>CO7</b>	3	3	3	3	3				
<b>CO8</b>	3	3	3	3	3				
<b>CO9</b>	3	3	3	3	3				
<b>CO10</b>	3	3	3	3	3				
<b>CO11</b>	3	3	3	3	3				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>									
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
		✓	✓				✓		



Subject Code: N-COMN (I) 310	SUBJECT NAME: COMMUNITY HEALTH NURSING - I including Environmental Science & Epidemiology	T / L/ ETL	L	T / S.Lr	P/ R
		T/L	L	S/LR	
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab					
<b>OBJECTIVES</b>					
<ul style="list-style-type: none"> <li>To develop broad perspectives of health, its determinants, about community health nursing and understanding about the health care delivery services, health care policies and regulations in India.</li> <li>To help the students to develop knowledge and understanding of environmental science.</li> <li>To help them to apply the principles and concepts of BCC and health education for health promotion and maintenance of health within the community in wellness and illness continuum.</li> <li>To help students to practice community health nursing for the individuals, family and groups at rural, urban and tribal settings by applying principles of community health nursing and epidemiological approach.</li> <li>To help the students to develop knowledge and competencies required to screen, assess, diagnose, manage and refer clients appropriately in various health care settings.</li> <li>To prepares the students to provide primary healthcare to clients of all ages in the community, DH, PHC, CHC, SC/HWC and develop beginning skills in participating in all the National Health Programs.</li> </ul>					
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to					
CO1	Explore the evolution of public health in India and community health nursing				
CO2	Explain the concepts and determinants of health				
CO3	Identify the levels of prevention and health problems of India				
CO4	Develop basic understanding about the health care planning and the present health care delivery system in India at various levels.				
CO5	Locate the significance of primary health care and comprehensive primary health care as part of current health care delivery system focus.				
CO6	Discuss health care policies and regulations in India				
CO7	Demonstrate understanding about an overview of environmental science, environmental health and sanitation				
CO8	Demonstrate skill in nutritional assessment for different age groups in the community and provide appropriate nutritional counselling.				
CO9	Provide health education to individuals and families applying the principles and techniques of behaviour change appropriate to community settings				
CO10	Describe community health nursing approaches and concepts				
CO11	Describe the role and responsibilities of community health nursing personnel				
CO12	Utilize the knowledge and skills in providing comprehensive primary health care across the life span at various settings				
CO13	Make effective home visits applying principles and methods used for home visiting				
CO14	Use epidemiological approach in community diagnosis.				
CO15	Utilize the knowledge of epidemiology, epidemiological approaches in caring for people with communicable and noncommunicable diseases				
CO16	Investigate an epidemic of communicable diseases.				
CO17	Assess, diagnose, manage and refer clients for various communicable and non-				



	communicable diseases appropriately at the primary health care level.												
<b>CO18</b>	Identify and perform the roles and responsibilities of nurses in implementing various national health programs in the community for the prevention, control and management of communicable and non-communicable diseases particularly in screening, identification, primary management and referral to a health facility/First Referral Unit (FRU)												
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	3	3	3	3	3	3	3	3	3	3	3	3
CO2	3	3	2	2	3	2	2	2	3	3	3	2	2
CO3	3	3	3	3	3	3	3	3	3	3	3	3	3
CO4	3	2	3	3	3	3	3	2	3	3	3	2	2
CO5	3	2	2	2	2	2	2	2	2	3	3	2	2
CO6	3	2	2	2	1	2	2	2	2	2	2	2	2
CO7	3	2	2	2	2	2	2	2	2	2	2	2	2
CO8	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	3	3	3	3	3	3	3	3	3	3	3	3	3
CO10	3	2	2	2	2	2	2	2	2	3	3	2	2
CO11	3	3	3	3	3	3	3	3	3	3	3	3	3
CO12	3	2	2	2	2	2	2	2	2	2	2	2	2
CO13	3	3	3	3	3	3	3	3	3	3	3	3	3
CO14	3	3	3	3	3	3	3	3	3	3	3	3	3
CO15	3	3	3	3	3	2	2	2	2	1	1	2	2
CO16	3	2	2	2	2	2	2	2	2	2	2	2	2
CO17	3	3	3	3	3	3	3	3	3	3	3	3	3
CO18	3	3	3	3	3	3	3	3	3	3	3	3	3
COs /PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
CO1	3			3			3			3			
CO2	3			3			3			3			
CO3	3			3			3			3			
CO4	3			3			3			3			
CO5	3			3			3			3			
CO6	3			3			3			3			
CO7	3			3			3			3			
CO8	3			3			3			3			
CO9	3			3			3			3			
CO10	3			2			2			2			
CO11	3			2			2			2			
CO12	3			2			2			2			
CO13	2			2			2			2			
CO14	2			2			2			2			
CO15	2			2			2			2			
CO16	2			2			2			2			
CO17	2			2			2			2			



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CO18	2		2		2		2		
3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
		✓	✓				✓		



Subject Code: <b>EDUC 315</b>	SUBJECT NAME: <b>EDUCATIONAL TECHNOLOGY/NURSING EDUCATION</b>					T / L/ ETL		L	T / S.Lr	P/ R			
	T/L		L	S/LR									
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To develop knowledge, attitude and beginning competencies essential for applying basic principles of teaching and learning among individuals and groups both in educational and clinical settings.</li> <li>To introduces basics of curriculum planning and organization.</li> <li>To enables students to participate actively in team and collaborative learning.</li> </ul>													
<b>COURSE OUTCOMES (COs) Students completing this course were able to</b>													
<b>CO1</b>	Develop basic understanding of theoretical foundations and principles of teaching and learning												
<b>CO2</b>	Identify the latest approaches to education and learning												
<b>CO3</b>	Initiate self- assessment to identify one 's own learning styles												
<b>CO4</b>	Demonstrate understanding of various teaching styles that can be used, based on the learners 'readiness and generational needs.												
<b>CO5</b>	Develop understanding of basics of curriculum planning, and organizing												
<b>CO6</b>	Analyse and use different teaching methods effectively that are relevant to student population and settings												
<b>CO7</b>	Make appropriate decisions in selection of teaching learning activities integrating basic principles.												
<b>CO8</b>	Utilize active learning strategies that enhance critical thinking, team learning and collaboration.												
<b>CO9</b>	Engage in team learning and collaboration through inter professional education												
<b>CO10</b>	Integrate the principles of teaching and learning in selection and use of educational media/technology.												
<b>CO11</b>	Apply the principles of assessment in selection and use of assessment and evaluation strategies.												
<b>CO12</b>	Construct simple assessment tools/tests integrating cognitive, psychomotor and affective domains of learning that can measure knowledge and competence of students.												
<b>CO13</b>	Develop basic understanding of student guidance through mentoring and academic advising.												
<b>CO14</b>	Identify difficult situations, crisis and disciplinary/grievance issues experienced by students and provide appropriate counselling.												
<b>CO15</b>	Engage in ethical practice in educational as well as clinical settings based on values, principles and ethical standards.												
<b>CO16</b>	Develop basic understanding of evidence-based teaching practices.												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	2	1	2	2	1	2	2	1	3	1	2	2	2
<b>CO2</b>	3	1	3	3	1	3	3	3	3	2	2	3	2



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CO3	2	2	1	1	2	2	1	2	1	2	2	2	2	
CO4	3	1	3	3	1	3	3	3	3	2	2	3	2	
CO5	2	2	1	1	2	2	1	2	1	2	2	2	2	
CO6	1	1	2	2	1	2	2	2	2	1	1	2	1	
CO7	2	2	1	1	2	2	1	2	1	2	2	2	2	
CO8	2	1	2	2	1	2	2	1	3	1	2	2	2	
CO9	2	1	2	2	1	2	2	1	3	1	2	2	2	
CO10	3	1	3	3	1	3	3	3	3	2	2	3	2	
CO11	3	2	1	2	2	2	2	3	3	3	3	3	2	
CO12	3	2	1	2	2	2	2	3	3	2	2	2	1	
CO13	3	3	3	3	3	3	3	3	3	3	3	3	3	
CO14	3	3	3	3	3	3	3	3	3	3	3	3	3	
CO15	3	2	3	2	2	3	3	3	3	3	1	2	2	
CO16	3	3	3	3	3	3	3	3	3	3	3	3	3	
<b>COs /PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>				
CO1	2			2			3			3				
CO2	2			2			3			3				
CO3	2			2			3			3				
CO4	2			2			3			3				
CO5	2			2			3			3				
CO6	2			2			3			3				
CO7	2			2			3			3				
CO8	2			2			3			3				
CO9	3			2			3			2				
CO10	3			2			3			2				
CO11	3			2			3			2				
CO12	3			2			3			2				
CO13	3			2			3			2				
CO14	3			2			3			2				
CO15	3			2			3			2				
CO16	3			2			3			2				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health Science</b>	<b>Humanities and Social Sciences</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>optional Electives</b>	<b>Practical / Project</b>	<b>Internships / Technical Skill</b>						<b>Soft Skills</b>



Subject Code: <b>N-FORN 320</b>	SUBJECT NAME: <b>INTRODUCTION TO FORENSIC NURSING AND INDIAN LAWS</b>						T / L/ ETL		L	T / S.Lr	P/ R		
							T/L					L	S/LR
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To know the importance of forensic science in total patient care.</li> <li>To recognize forensic nursing as a specialty discipline in professional nursing practice.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
<b>CO1</b>	Identify forensic nursing as an emerging specialty in healthcare and nursing practice												
<b>CO2</b>	Explore the history and scope of forensic nursing practice												
<b>CO3</b>	Identify forensic team, role and responsibilities of forensic nurse in total care of victim of violence and in preservation of evidence.												
<b>CO4</b>	Develop basic understanding of the Indian judicial system and legal procedures												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	2	2	2	2	1	2	2	1	3	1	2	2	2
<b>CO2</b>	3	1	3	3	1	3	3	3	3	1	2	3	2
<b>CO3</b>	2	2	1	1	2	2	1	2	1	2	1	1	2
<b>CO4</b>	3	1	3	3	1	3	2	1	3	2	2	3	2
<b>COs /PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
<b>CO1</b>	3			3			3			3			
<b>CO2</b>	3			3			3			3			
<b>CO3</b>	3			3			3			3			
<b>CO4</b>	3			3			3			3			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
<b>Category</b>	<b>Basic Sciences</b>	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill					Soft Skills
		✓	✓				✓						

### VI SEMESTER B.Sc. Nursing

Subject Code: <b>N-CHN (II) 301</b>	SUBJECT NAME: <b>CHILD HEALTH NURSING - II</b>						T / L/ ETL	L	T / S.Lr	P/ R			
							T/L	L	S/LR				
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To develop a modern approach to child-care, identification, prevention and nursing management of common health problems of neonates and children.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
<b>CO1</b>	Apply the knowledge of pathophysiology and provide nursing care to children with Cardiovascular, GI, genitourinary, nervous system disorders, orthopaedic disorders, eye, ear and skin disorders and communicable diseases												
<b>CO2</b>	Provide care to children with common behavioural, social and psychiatric problems												
<b>CO3</b>	Manage challenged children												
<b>CO4</b>	Identify the developmental needs of children and provide parental guidance.												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>COs /PSOs</b>													
<b>CO1</b>	2		1			2			2				
<b>CO2</b>	3		1			3			3				
<b>CO3</b>	1		2			2			1				
<b>CO4</b>	3		1			3			3				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health Science</b>	<b>Humanities and Social Sciences</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>Optional Electives</b>	<b>Practical / Project</b>	<b>Internships / Technical Skill</b>					<b>Soft Skills</b>
		✓	✓				✓						



Subject Code: <b>N-MHN (II)</b> <b>305</b>	SUBJECT NAME: <b>MENTAL HEALTH NURSING - II</b>						T / L/ ETL			L	T / S.Lr	P/ R	
							T/L						L
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded TheoryLa													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To provide the students with basic understanding and skills essential to meet psychiatric emergencies.</li> <li>To perform the role of community mental health nurse.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
<b>CO1</b>	Apply nursing process in providing care to patients with substance use disorders, and personality and sexual disorders.												
<b>CO2</b>	Apply nursing process in providing care to patients with behavioural and emotional disorders occurring during childhood and adolescence.												
<b>CO3</b>	Apply nursing process in providing care to patients with organic brain disorders.												
<b>CO4</b>	Identify and respond to psychiatric emergencies.												
<b>CO5</b>	Carry out crisis interventions during emergencies under supervision.												
<b>CO6</b>	Perform admission and discharge procedures as per MHCA 2017.												
<b>CO7</b>	Explore the roles and responsibilities of community mental health nurse in delivering community mental health services.												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	2	1	2	2	1	2	2	1	3	1	2	2	2
<b>CO2</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO3</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO4</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO5</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO6</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO7</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>COs /PSOs</b>													
<b>CO1</b>	2		2		2			2			2		
<b>CO2</b>	3		2		3			3			3		
<b>CO3</b>	2		2		2			2			2		
<b>CO4</b>	3		2		3			3			3		
<b>CO5</b>	2		2		2			2			2		
<b>CO6</b>	2		2		2			2			2		
<b>CO7</b>	2		2		2			2			2		
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health</b>	<b>Humanities and Social</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>Optional Electives</b>	<b>Practical / Project</b>	<b>Internship s / Technical Skill</b>					<b>Soft Skills</b>
		✓	✓				✓						



Subject Code: NMLE 330	SUBJECT NAME: NURSING MANAGEMENT AND LEADERSHIP					T / L/ ETL					L	T / S.Lr	P/ R
						T/L							
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To enable students to acquire knowledge and competencies in areas of administration, and management of nursing services and education.</li> <li>To prepares the students to develop leadership competencies.</li> <li>To perform their role as effective leaders in an organization.</li> </ul>													
<b>COURSE OUTCOMES (COs) Students completing this course were able to</b>													
CO1	Analyse the health care trends influencing development of nursing services and education in India.												
CO2	Describe the principles, functions and process of management applied to nursing.												
CO3	Develop basic understanding and beginning competencies in planning and organizing nursing services in a hospital.												
CO4	Apply the concept of human resource management and identify the job description for all categories of nursing personnel including in service education.												
CO5	Discuss the principles and methods of staffing and scheduling in an individual hospital/nursing unit.												
CO6	Develop skill in management of materials and supplies including inventory control.												
CO7	Develop team working and inter professional collaboration competencies.												
CO8	Identify effective leadership styles and develop leadership competencies.												
CO9	Utilize the knowledge of principles and line of control and participate in quality management and evaluation activities.												
CO10	Utilize the knowledge related to financial planning in nursing services and education during budgetary process												
CO11	Apply the knowledge of nursing informatics in maintenance of records and reports relevant to patient information, nursing care and progress.												
CO12	Demonstrate understanding of the INC guidelines for establishment and accreditation of educational institutions in terms of faculty norms, physical infrastructure and clinical facilities.												
CO13	Demonstrate beginning competencies in planning, organizing and staffing at college including implementation and evaluation of curriculum.												
CO14	Identify the legal issues and laws relevant to nursing practice and education.												
CO15	Apply the knowledge and utilize the various opportunities for professional advancement.												
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	2	2	2	2	2	2	2	3	2	2	2	2
CO2	3	2	3	3	2	3	3	3	3	2	2	3	2
CO3	2	2	2	2	2	2	2	2	2	2	2	2	2
CO4	3	2	3	3	2	3	3	3	3	2	2	3	2



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CO5	2	2	2	2	2	2	2	2	2	2	2	2	2
CO6	2	2	2	2	2	2	2	2	2	2	2	2	2
CO7	2	2	2	2	2	2	2	2	2	2	2	2	2
CO8	3	3	3	2	2	2	3	3	3	2	2	2	2
CO9	3	3	3	2	2	2	3	3	3	3	3	2	2
CO10	3	2	2	3	3	2	2	3	2	3	3	3	3
CO11	3	3	3	3	3	3	3	3	3	3	3	3	3
CO12	3	3	3	2	2	3	3	3	2	2	2	3	2
CO13	3	3	3	3	3	3	3	3	3	3	3	3	3
CO14	3	3	3	3	3	3	3	3	3	3	3	3	3
CO15	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>COs /PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
CO1	2			1			2			2			
CO2	3			1			3			3			
CO3	1			2			2			1			
CO4	3			1			3			3			
CO5	1			2			2			1			
CO6	2			1			2			2			
CO7	1			2			2			1			
CO8	3			2			2			1			
CO9	3			3			3			2			
CO10	3			2			3			1			
CO11	3			3			2			2			
CO12	3			2			2			1			
CO13	3			2			2			1			
CO14	3			3			1			2			
CO15	3			3			3			3			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health Science</b>	<b>Humanities and Social Sciences</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>Optional Electives</b>	<b>Practical / Project</b>	<b>Internships / Technical Skill</b>					<b>Soft Skills</b>



Subject Code: N-MDW (I)/ OBGN 335	SUBJECT NAME: MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING - I					T / L/ ETL					L	T / S.Lr	P/ R
						T/L							
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To develop knowledge and competencies on the concepts and principles of midwifery.</li> <li>To helps them to acquire knowledge and skills in rendering respectful maternity care to woman during antenatal, intranatal and postnatal periods in hospitals and community settings.</li> <li>To help to develop skills in managing normal neonates and participate in family welfare programs.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Demonstrate professional accountability for the delivery of nursing care as per INC standards/ICM competencies that are consistent with moral, altruistic, legal, ethical, regulatory and humanistic principles in midwifery practice.												
CO2	Communicate effectively with individuals, families and professional colleagues fostering mutual respect and shared decision making to enhance health outcomes.												
CO3	Recognize the trends and issues in midwifery and obstetrical nursing.												
CO4	Review and describe the anatomy and physiology of human reproductive system and conception.												
CO5	Describe and apply physiology in the management of normal pregnancy, birth and puerperium.												
CO6	Demonstrate competency in providing respectful and evidence based maternity care for women during the antenatal, intranatal and postnatal period.												
CO7	Uphold the fundamental human rights of individuals when providing midwifery care.												
CO8	Promote physiologic labour and birth and conduct normal childbirth.												
CO9	Provide evidence based essential newborn care.												
CO10	Apply nursing process approach in caring for women and their families.												
CO11	Describe the methods of contraception and role of nurse/midwife in family welfare services.												
CO12	Recognize the importance of and actively participate in family welfare programs.												
CO13	Provide youth friendly health services and care for women affected by gender-based violence.												
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	2	1	2	2	1	2	2	1	3	1	2	2	2
CO2	3	1	3	3	1	3	3	3	3	2	2	3	2
CO3	2	2	1	1	2	2	1	2	1	2	2	2	2
CO4	3	1	3	3	1	3	3	3	3	2	2	3	2
CO5	2	2	1	1	2	2	1	2	1	2	2	2	2

CO6	1	1	2	2	1	2	2	2	2	1	1	2	1
CO7	2	2	1	1	2	2	1	2	1	2	2	2	2
CO8	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	3	3	3	3	3	3	3	3	3	3	3	3	3
CO10	3	3	2	2	2	3	3	2	2	2	3	3	1
CO11	3	2	3	2	2	3	2	2	2	2	2	2	2
CO12	3	2	3	2	1	2	1	2	2	3	2	2	1
CO13	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>COs /PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
CO1	2			1			2			2			
CO2	3			1			3			3			
CO3	1			2			2			1			
CO4	3			1			3			3			
CO5	1			2			2			1			
CO6	2			1			2			2			
CO7	1			2			2			1			
CO8	3			2			2			2			
CO9	3			2			3			2			
CO10	3			3			2			2			
CO11	3			2			3			2			
CO12	2			3			2			3			
CO13	2			2			2			2			

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	Optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
		✓	✓				✓		



**VII SEMESTER B.Sc. Nursing**

Subject Code: <b>N-COMH (II) 401</b>	SUBJECT NAME: <b>COMMUNITY HEALTH NURSING -II</b>	T / L/ ETL	L	T / S.Lr	P/ R								
		T/L	L	S/LR									
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To gain broad perspective of specialized roles and responsibilities of community health nurses and to practice in various specialized health care settings.</li> <li>To develop knowledge and competencies required for assessment, diagnosis, treatment, and nursing management of individuals and families within the community in wellness and illness continuum.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
<b>CO1</b>	Demonstrate beginning practice competencies/skills relevant to provide comprehensive primary health care/community based care to clients with common diseases and disorders including emergency and first aid care at home/clinics/centres as per predetermined protocols/drug standing orders approved by MOH&FW												
<b>CO2</b>	Provide maternal, newborn and childcare, and reproductive health including adolescent care in the urban and rural health care settings												
<b>CO3</b>	Describe the methods of collection and interpretation of demographic data												
<b>CO4</b>	Explain population control and its impact on the society and describe the approaches towards limiting family size												
<b>CO5</b>	Describe occupational health hazards, occupational diseases and the role of nurses in occupational health programs												
<b>CO6</b>	Identify health problems of older adults and provide primary care, counselling and supportive health services												
<b>CO7</b>	Participate in screening for mental health problems in the community and providing appropriate referral services												
<b>CO8</b>	Discuss the methods of data collection for HMIS, analysis and interpretation of data												
<b>CO9</b>	Discuss about effective management of health information in community diagnosis and intervention												
<b>CO10</b>	Describe the management system of delivery of community health services in rural and urban areas												
<b>CO11</b>	Describe the leadership role in guiding, supervising, and monitoring the health services and the personnel at the PHCs, SCs and community level including financial management and maintenance of records & reports.												
<b>CO12</b>	Describe the roles and responsibilities of Mid-Level Health Care Providers (MHCPs) in Health Wellness Centres (HWCs).												
<b>CO13</b>	Identify the roles and responsibilities of health team members and explain their job description.												
<b>CO14</b>	Demonstrate initiative in preparing themselves and the community for disaster preparedness and management.												
<b>CO15</b>	Demonstrate skills in proper bio-medical waste management as per protocols.												
<b>CO16</b>	Explain the roles and functions of various national and international health agencies.												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P O</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>



					5									
CO1	2	1	2	2	1	2	2	1	3	1	2	2	2	
CO2	3	1	3	3	1	3	3	3	3	2	2	3	2	
CO3	2	2	1	1	2	2	1	2	1	2	2	2	2	
CO4	3	1	3	3	1	3	3	3	3	2	2	3	2	
CO5	2	2	1	1	2	2	1	2	1	2	2	2	2	
CO6	1	1	2	2	1	2	2	2	2	1	1	2	1	
CO7	2	2	1	1	2	2	1	2	1	2	2	2	2	
CO8	2	1	2	2	1	2	2	1	3	1	2	2	2	
CO9	2	1	2	2	1	2	2	1	3	1	2	2	2	
CO10	3	1	3	3	1	3	3	3	3	2	2	3	2	
CO11	3	2	1	2	3	2	3	3	2	2	1	2	3	
CO12	3	2	1	1	2	1	3	3	2	2	3	2	1	
CO13	3	2	1	1	2	3	3	2	1	2	3	3	2	
CO14	3	3	3	3	3	3	3	3	3	3	3	3	3	
CO15	3	2	3	2	2	2	3	1	2	3	1	2	3	
CO16	3	2	1	1	2	3	2	1	1	1	1	2	3	
COs /PSOs	PSO 1			PSO 2			PSO 3			PSO 4				
CO1	2			1			2			2				
CO2	3			1			3			3				
CO3	1			2			2			1				
CO4	3			1			3			3				
CO5	1			2			2			1				
CO6	2			1			2			2				
CO7	1			2			2			1				
CO8	2			1			2			2				
CO9	2			1			2			2				
CO10	3			1			3			3				
CO11	3			2			1			2				
CO12	3			2			1			2				
CO13	3			2			3			2				
CO14	2			3			2			2				
CO15	3			2			1			2				
CO16	3			2			2			1				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills					
		✓	✓				✓							



Subject Code: NRST 405	SUBJECT NAME: NURSING RESEARCH AND STATISTICS					T / L/ ETL			L	T / S.Lr	P/ R		
						T/L						L	S/LR
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To develop an understanding of basic concepts of research, research process and statistics.</li> <li>To conduct/ participate in need-based research studies in various settings and utilize the research findings to provide quality nursing care.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Identify research priority areas												
CO2	Formulate research questions/problem statement/hypotheses												
CO3	Review related literature on selected research problem and prepare annotated bibliography												
CO4	Prepare sample data collection tool												
CO5	Analyze and interpret the given data												
CO6	Practice computing, descriptive statistics and correlation												
CO7	Draw figures and types of graphs on given select data												
CO8	Develop a research proposal												
CO9	Plan and conduct a group/individual research project												
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	2	1	2	2	1	2	2	1	3	1	2	2	2
CO2	3	1	3	3	1	3	3	3	3	2	2	3	2
CO3	2	2	1	1	2	2	1	2	1	2	2	2	2
CO4	3	1	3	3	1	3	3	3	3	2	2	3	2
CO5	2	2	1	1	2	2	1	2	1	2	2	2	2
CO6	1	1	2	2	1	2	2	2	2	1	1	2	1
CO7	2	2	1	1	2	2	1	2	1	2	2	2	2
CO8	2	1	3	3	2	2	1	2	1	3	2	2	3
CO9	2	1	2	2	3	3	3	2	2	2	3	2	2
COs /PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
CO1	2			1			2			2			
CO2	3			1			3			3			
CO3	1			2			2			1			
CO4	3			1			3			3			
CO5	1			2			2			1			
CO6	2			1			2			2			
CO7	1			2			2			1			
CO8	3			2			1			2			
CO9	3			2			1			2			



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3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low									
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
		✓	✓				✓		



Subject Code: <b>N-MIDW (II)/ OBGN 410</b>	SUBJECT NAME: <b>MIDWIFERY/OBSTETRIC AND GYNECOLOGY NURSING - II including Safe Delivery App Module</b>	T / L/ ETL	L	T / S.Lr	P/ R
		T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory  
 Lab

**OBJECTIVES**

- To develop knowledge and competencies on the concepts and principles of obstetrics and gynaecology nursing.
- To acquire knowledge and skills in rendering respectful maternity care to high-risk woman during antenatal, natal and postnatal periods in hospitals and community settings.
- To develop skills in initial management and referral of high-risk neonates.
- To gain knowledge, attitude and skills in caring for women with gynaecological disorders.

**COURSE OUTCOMES (COs) Students completing this course were able to**

<b>CO1</b>	Describe the assessment, initial management, referral and respectful maternity care of women with high-risk pregnancy.
<b>CO2</b>	Demonstrate competency in identifying deviation from normal pregnancy.
<b>CO3</b>	Describe the assessment, initial management, referral and nursing care of women with high-risk labour.
<b>CO4</b>	Assist in the conduction of abnormal vaginal deliveries and caesarean section.
<b>CO5</b>	Describe the assessment, initial management, referral and nursing care of women with abnormal postnatal conditions.
<b>CO6</b>	Demonstrate competency in the initial management of complications during the postnatal period.
<b>CO7</b>	Demonstrate competency in providing care for high-risk newborn.
<b>CO8</b>	Apply nursing process in caring for high-risk women and their families.
<b>CO9</b>	Describe the assessment and management of women with gynaecological disorders
<b>CO10</b>	Demonstrate skills in performing and assisting in specific gynaecological procedures.
<b>CO11</b>	Describe the drugs used in obstetrics and gynaecology.
<b>CO12</b>	Counsel and care for couples with infertility.
<b>CO13</b>	Describe artificial reproductive technology.

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
<b>CO1</b>	2	1	2	2	1	2	2	1	3	1	2	2	2
<b>CO2</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO3</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO4</b>	3	1	3	3	1	3	3	3	3	2	2	3	2
<b>CO5</b>	2	2	1	1	2	2	1	2	1	2	2	2	2
<b>CO6</b>	1	1	2	2	1	2	2	2	2	1	1	2	1
<b>CO7</b>	2	2	1	1	2	2	1	2	1	2	2	2	2



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CO8	3	2	1	3	2	3	3	2	2	3	3	3	3
CO9	3	3	3	3	3	3	3	3	3	3	3	3	3
CO10	3	3	3	3	3	3	3	3	3	3	3	3	3
CO11	3	3	3	3	3	3	3	3	3	3	3	3	3
CO12	3	3	3	3	3	2	2	2	2	3	2	2	3
CO13	3	2	2	2	1	2	3	2	3	2	3	2	3
<b>COs /PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
CO1	2			1			2			2			
CO2	3			1			3			3			
CO3	1			2			2			1			
CO4	3			1			3			3			
CO5	1			2			2			1			
CO6	2			1			2			2			
CO7	1			2			2			1			
CO8	1			2			3			1			
CO9	3			2			1			1			
CO10	3			3			3			3			
CO11	2			2			2			3			
CO12	3			3			2			2			
CO13	3			2			3			3			

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
		✓	✓				✓		



**3<sup>rd</sup> B.Sc. Nursing**

<b>SUBJECT NAME:</b>								<b>T / L/ ETL</b>		<b>L</b>	<b>T / S,Lr</b>	<b>P/ R</b>	
<b>MEDICAL SURGICAL NURSING</b>								T/L		L	S/LR		
(Adult including Geriatrics) –II													
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To acquire knowledge and proficiency in caring for patients with medical and surgical disorders in varieties of health care settings and at home.</li> </ul>													
<b>COURSE OUTCOMES (cos) Students completing this course were able to</b>													
<b>CO1</b>	Provide care for patients with disorders of ear nose and throat.												
<b>CO2</b>	Take care of patients with disorders of eye.												
<b>CO3</b>	Plan, implement and evaluate nursing management of patients with neurological disorders.												
<b>CO4</b>	Develop abilities to take care of female patients with reproductive disorders.												
<b>CO5</b>	Provide care of patients with burns, reconstructive and cosmetic surgery.												
<b>CO6</b>	Manage patients with oncological conditions												
<b>CO7</b>	Develop skill in providing care during emergency and disaster situations												
<b>CO8</b>	Plan, implement and evaluate care of elderly												
<b>CO9</b>	Develop ability to manage patients in critical care units												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P 5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO 8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO 11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	3	2	2	2	3	2	2	3	2	2	2	3	2
<b>CO2</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO3</b>	2	2	2	3	2	2	2	2	2	2	3	2	2
<b>CO4</b>	3	3	3	2	3	3	3	3	3	3	2	3	3
<b>CO5</b>	2	2	3	2	2	2	3	2	2	3	2	2	2
<b>CO6</b>	2	3	2	3	2	3	2	2	3	2	3	2	3
<b>CO7</b>	3	2	2	2	3	2	3	3	2	2	2	3	2
<b>CO8</b>	3	3	3	2	3	3	2	3	3	3	2	3	3
<b>CO9</b>	2	2	3	2	2	2	3	2	2	3	2	2	2
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
<b>CO1</b>	3			2			2			2			
<b>CO2</b>	3			3			3			3			
<b>CO3</b>	2			2			2			3			
<b>CO4</b>	3			3			3			2			
<b>CO5</b>	2			2			3			2			
<b>CO6</b>	2			3			2			3			
<b>CO7</b>	3			2			2			2			
<b>CO8</b>	3			3			3			2			
<b>CO9</b>	2			2			3			2			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied</b>	<b>Humanities</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>optional Electives</b>	<b>Practical/ Project</b>	<b>Inter nship s / Tech nical Skill</b>					<b>Soft Skills</b>
	✓	✓	✓	✓	✓	✓	✓						

<b>SUBJECT NAME:</b> <b>CHILD HEALTH NURSING</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/ R</b>
	T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To develop an understanding of the modern approach to child-care, identification, prevention and nursing management of common health problems of neonates and children.

**COURSE OUTCOMES (COs) Students completing this course were able to**

<b>CO1</b>	Explain the modern concept of childcare and the principles of child health nursing.
<b>CO2</b>	Describe the normal growth and development of children in various age groups.
<b>CO3</b>	Explain the physiological response of body to disease conditions in children.
<b>CO4</b>	Identify the health needs and problems of neonates and children, plan and implement appropriate nursing interventions.
<b>CO5</b>	Identify the various preventive, promotive and rehabilitative aspects of child care and apply them in providing nursing care to children in the hospital and in the community.
<b>CO6</b>	Explain the modern concept of childcare and the principles of child health nursing.
<b>CO7</b>	Describe the normal growth and development of children in various age groups.

Cos/Pos	PO1	PO2	PO3	PO4	P5	PO6	PO7	P8	PO9	PO10	PO11	PO12	PO13
CO1	3	2	2	2	3	2	2	3	2	2	2	3	2
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO3	2	2	2	3	2	2	2	2	2	2	3	2	2
CO4	3	3	3	2	3	3	3	3	3	3	2	3	3
CO5	2	2	3	2	2	2	3	2	2	3	2	2	2
CO6	2	3	2	3	2	3	2	2	3	2	3	2	3
CO7	3	2	2	2	3	2	3	3	2	2	2	3	2

Cos/PSOs	PSO 1	PSO 2	PSO 3	PSO 4
CO1	3	2	2	2
CO2	3	3	3	3
CO3	2	2	2	3
CO4	3	3	3	2
CO5	2	2	3	2
CO6	2	3	2	3
CO7	3	2	2	2

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
	✓	✓	✓	✓	✓		✓		



SUBJECT NAME: <b>MENTAL HEALTH NURSING</b>		T / L/ ETL			L	T / S.Lr	P/ R						
		T/L			L	S/LR							
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To develop an understanding of the modern approach to mental health, identification, prevention, rehabilitation and nursing management of common mental health problems with special emphasis on therapeutic interventions for individuals, family and community</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Understand the historical development and current trends in mental health nursing.												
CO2	Comprehend and apply principles of psychiatric nursing in clinical practice.												
CO3	Understand the etiologic, psychodynamics and management of psychiatric disorders.												
CO4	Develop competency in assessment, therapeutic communication and assisting with various treatment modalities.												
CO5	Understand and accept psychiatric patient as an individual and develop a deeper insight into her own attitudes and emotional reactions.												
CO6	Develop skill in providing comprehensive care to various kinds of psychiatric patients.												
CO7	Develop understanding regarding psychiatric emergencies and crisis interventions.												
CO8	Understand the importance of community health nursing in psychiatry.												
Cos/Pos	PO1	PO2	PO3	PO4	P5	PO6	PO7	P8	PO9	PO10	PO11	PO12	PO13
CO1	3	2	2	2	3	2	2	3	2	2	2	3	2
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO3	2	2	2	3	2	2	2	2	2	2	3	2	2
CO4	3	3	3	2	3	3	3	3	3	3	2	3	3
CO5	2	2	3	2	2	2	3	2	2	3	2	2	2
CO6	2	3	2	3	2	3	2	2	3	2	3	2	3
CO7	3	2	2	2	3	2	3	3	2	2	2	3	2
CO8	3	3	3	2	3	3	3	3	3	3	2	3	3
Cos/PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
CO1	3			2			2			2			
CO2	3			3			3			3			
CO3	2			2			2			3			
CO4	3			3			3			2			
CO5	2			2			3			2			
CO6	2			3			2			3			
CO7	3			2			2			2			
CO8	2			3			2			3			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills				
	✓	✓	✓	✓		✓	✓						

SUBJECT NAME: <b>NURSING RESEARCH AND STATISTICS</b>	T / L/ ETL	L	T /S.Lr	P/ R
	T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

To develop an understanding of basic concepts of research, research process and statistics and to enable them to conduct/participate in need based research studies in various settings. Further the students will be able to utilize the research findings to provide quality-nursing care.

**COURSE OUTCOMES (COs) Students completing this course were able to**

CO1	Define the terms and concepts of nursing research.
CO2	Identify needs and scope of nursing research, Define research problems.
CO3	Locate and list sources of literature review including operational definitions and conceptual framework.
CO4	Describe different approaches and research designs in nursing research.
CO5	Describe sample and sampling technique.
CO6	Develop tool for data collection.
CO7	Conduct pilot study to confirm reliability and validity of tool before data collection
CO8	To enumerate steps of data analysis and present data summary
CO 9	Use descriptive and co- relational statistics in data analysis.

Cos/Pos	PO1	PO2	PO3	PO4	P5	PO6	PO7	P8	PO9	PO10	PO11	PO12	PO13
CO1	2	1	2	2	1	2	2	1	3	1	2	2	2
CO2	3	1	3	3	1	3	3	3	3	2	2	3	2
CO3	2	2	1	1	2	2	1	2	1	2	2	2	2
CO4	3	1	3	3	1	3	3	3	3	2	2	3	2
CO5	2	2	1	1	2	2	1	2	1	2	2	2	2
CO6	1	1	2	2	1	2	2	2	2	1	1	2	1
CO7	3	1	3	3	1	3	3	3	3	2	2	3	2
CO8	2	2	1	1	2	2	1	2	1	2	2	2	2
CO 9	2	1	2	2	1	2	2	1	3	1	2	2	2

Cos/PSOs	PSO 1	PSO 2	PSO 3	PSO 4
CO1	3	2	2	2
CO2	3	3	3	3
CO3	2	2	2	3
CO4	3	3	3	2
CO5	2	2	3	2
CO6	2	3	2	3
CO7	3	2	2	2
CO8	3	3	3	2
CO 9	2	2	3	2

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health	Humanities and	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
	✓	✓	✓				✓		

**4<sup>th</sup> year BSc Nursing**

SUBJECT NAME: <b>MANAGEMENT OF NURSING SERVICE AND EDUCATION</b>									T / L/ ETL	L	T / S.Lr	P/ R		
									T/L	L	S/LR			
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To enable students to acquire in-depth understanding of management of hospital services, management of nursing services and nursing educational programmes.</li> <li>To enable students to acquire understanding of the professional responsibilities, prospects and contribution to the growth of the nursing profession</li> </ul>														
<b>COURSE OUTCOMES (COs) Students completing this course were able to</b>														
CO1	Understand the principles and functions of management													
CO2	Understand the elements and process of management													
CO3	Appreciate the management of nursing services in the hospital and community.													
CO4	Apply the concepts, theories and techniques of organizational behaviour and human relations.													
CO5	Develop skills in planning and organizing in service education													
CO6	Understand the management of nursing educational institutions.													
CO7	Describe the ethical and legal responsibilities of a professional nurse													
CO8	Understand the various opportunities for professional advancement.													
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	
CO1	2	1	2	2	1	2	2	1	3	1	2	2	2	
CO2	3	1	3	3	1	3	3	3	3	2	2	3	2	
CO3	2	2	1	1	2	2	1	2	1	2	2	2	2	
CO4	3	1	3	3	1	3	3	3	3	2	2	3	2	
CO5	2	2	1	1	2	2	1	2	1	2	2	2	2	
CO6	1	1	2	2	1	2	2	2	2	1	1	2	1	
CO7	3	1	3	3	1	3	3	3	3	2	2	3	2	
CO8	2	2	1	1	2	2	1	2	1	2	2	2	2	
COs /PSOs	PSO 1			PSO 2			PSO 3			PSO 4				
CO1	2			1			2			2				
CO2	3			1			3			3				
CO3	1			2			2			1				
CO4	3			1			3			3				
CO5	1			2			2			1				
CO6	2			1			2			2				
CO7	3			1			3			3				
CO8	1			2			2			1				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
Category	Basic Sciences	Medical and Allied	Humanities and	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
	✓	✓	✓					✓						

SUBJECT NAME:		T / L/ ETL		L	T /S.Lr	P/ R								
<b>MIDWIFERY AND OBSTETRICAL NURSING</b>		T/L		L	S/LR									
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To appreciate the concepts and principles of Midwifery and obstetrical nursing</li> <li>To acquire knowledge and skills in rendering nursing care to normal and high risk pregnant woman during antenatal, natal and post-natal periods in hospitals and community settings.</li> <li>To develop skills in managing normal and high-risk neonates and participate in family welfare programme.</li> </ul>														
<b>COURSE OUTCOMES (COs) Students completing this course were able to</b>														
CO1	Describe the normal pregnancy, labor and puerperium and demonstrate the application of knowledge and skill in giving need –based care.													
CO2	Demonstrate safe management of all stages of labour.													
CO3	Identify the high risk factor during pregnancy, labor and puerperium as well as neonates and take appropriate interventions.													
CO4	Motivate the mother for care of the baby and adapting family planning methods to maintain small family norms.													
CO5	Prepare the mothers for self-care during the pregnancy, labor and puerperium													
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	
CO1	3	3	3	2	2	2	3	3	2	3	2	3	3	
CO2	3	2	3	3	3	3	2	2	3	2	2	2	2	
CO3	2	3	2	2	2	3	2	3	2	2	3	3	3	
CO4	3	2	3	3	3	2	3	2	2	3	2	2	2	
CO5	2	2	2	2	3	2	3	2	3	3	3	2	3	
COs /PSOs	PSO 1			PSO 2			PSO 3			PSO 4				
CO1	2			2			2			3				
CO2	3			3			3			2				
CO3	2			2			3			2				
CO4	3			3			2			3				
CO5	2			3			2			3				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
	✓	✓	✓	✓				✓						

SUBJECT NAME: <b>COMMUNITY HEALTH NURSING – II</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/ R</b>
	T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To practice community health nursing for the individual, family and groups at both urban and rural setting by using concept and principles of health and community health nursing

**COURSE OUTCOMES (COs) Students completing this course were able to**

<b>CO1</b>	Understand the concepts, scope, principles and historical development of community health and community health nursing.
<b>CO2</b>	Appreciate the national health planning, policies, problems.
<b>CO3</b>	Describe the system of delivery of community health services in rural and urban area.
<b>CO4</b>	Develop understanding about community health nursing approaches, concepts and roles and responsibilities of nursing personnel.
<b>CO5</b>	Participate in assisting individuals and groups to promote and maintain their health.
<b>CO6</b>	Appreciate the national health and family welfare programme and the role of the nurse.
<b>CO7</b>	Understand the health agencies at the international and national level.
<b>CO8</b>	Understand the concepts, scope, principles and historical development of community health and community health nursing.

COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	3	3	2	2	2	3	3	2	3	2	3	3
CO2	3	2	3	3	3	3	2	2	3	2	2	2	2
CO3	2	3	2	2	2	3	2	3	2	2	3	3	3
CO4	3	2	3	3	3	2	3	2	2	3	2	2	2
CO5	2	2	2	2	3	2	3	2	3	3	3	2	3
CO6	3	3	3	2	2	2	3	3	2	3	2	3	3
CO7	3	2	3	3	3	3	2	2	3	2	2	2	2
CO8	2	3	2	2	2	3	2	3	2	2	3	3	3

COs/PSOs	PSO 1	PSO 2	PSO 3	PSO 4
CO1	2	1	2	2
CO2	3	1	3	3
CO3	1	2	2	1
CO4	3	1	3	3
CO5	1	2	2	1
CO6	2	1	2	2
CO7	3	1	3	3
CO8	1	2	2	1

**3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low**

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
	✓	✓	✓	✓			✓		

**PB BSc Nursing First year**

<b>SUBJECT NAME:</b> <b>NURSING FOUNDATION</b>										<b>T / L/ ETL</b>	<b>L</b>	<b>T / S,Lr</b>	<b>P/ R</b>	
										T/L	L	S/LR		
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To develop an understanding of the philosophy, objectives and responsibilities of nursing as a profession.</li> <li>To orient to the current concepts involved in the practice of nursing and developments in the nursing profession.</li> </ul>														
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to														
<b>CO1</b>	Identify professional aspects of nursing													
<b>CO2</b>	Explain theories of nursing													
<b>CO3</b>	Identify ethical aspects of nursing profession													
<b>CO4</b>	Utilise steps of nursing process													
<b>CO5</b>	Identify the role of the nurse in various levels of health services													
<b>CO6</b>	Appreciate the significance or quality assurance in nursing.													
<b>CO7</b>	Explain current trends in health and nursing													
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P5</b>	<b>PO6</b>	<b>PO7</b>	<b>P8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>	
<b>CO1</b>	2	2	2	2	3	3	3	3	3	3	3	3	3	
<b>CO2</b>	2	1	3	3	2	3	3	3	3	2	2	3	3	
<b>CO3</b>	2	2	3	3	3	3	3	3	2	3	3	3	3	
<b>CO4</b>	3	3	3	2	3	3	3	3	3	3	3	3	3	
<b>CO5</b>	1	3	3	2	3	3	3	3	2	2	3	2	2	
<b>CO6</b>	2	2	2	3	2	3	2	3	3	2	3	3	3	
<b>CO7</b>	3	2	2	2	3	3	3	3	2	2	2	3	3	
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>				
<b>CO1</b>	3			2			2			2				
<b>CO2</b>	3			3			3			3				
<b>CO3</b>	2			2			2			3				
<b>CO4</b>	3			3			3			2				
<b>CO5</b>	2			2			3			2				
<b>CO6</b>	2			3			2			3				
<b>CO7</b>	3			2			2			2				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health Science</b>	<b>Humanities and Social Sciences</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>Optional Electives</b>	<b>Practical / Project</b>	<b>Internships / Technical Skill</b>						<b>Soft Skills</b>
		✓	✓	✓			✓							



SUBJECT NAME: NUTRITION & DIETETICS		T / L/ ETL		L	T / S.Lr	P/ R								
		T/L		L	S/LR									
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To provide the students with a wide knowledge of dietetics in Indian setting, that the practice of teaching optimum and realistic dietary planning can become an integral part of nursing practice.</li> </ul>														
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to														
CO1	Explain the principles and practices of nutrition and dietetics.													
CO2	Plan therapeutic diets in different settings													
CO3	Identify nutritional needs of different age groups and plan diet accordingly.													
CO4	Prepare meals using different methods utilizing cookery rules.													
Cos/Pos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	
CO1	3	3	3	2	2	3	3	3	2	1	3	2	2	
CO2	3	3	3	3	3	3	1	3	3	3	3	3	3	
CO3	3	3	3	3	3	3	2	3	3	2	3	3	2	
CO4	3	3	3	3	3	3	2	3	3	3	3	3	3	
Cos /PSOs	PSO 1			PSO 2			PSO 3			PSO 4				
CO1	3			2			2			2				
CO2	3			3			3			3				
CO3	2			2			2			3				
CO4	3			3			3			2				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
	✓	✓	✓	✓			✓							



SUBJECT NAME: <b>BIOCHEMISTRY &amp; BIOPHYSICS</b> SECTION – A BIOCHEMISTRY		T / L/ ETL			L	T / S.Lr	P/ R							
		T/L			L	S/LR								
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To enable nursing students to understand, the chemical processes taking place in the human body in health and disease. This will help them to increase the quality of patient care.</li> <li>To enable them to understand the application of physics principles while providing nursing care to the patients.</li> </ul>														
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to														
CO1	Identify the basic principles of Biochemistry													
CO2	Understand and grasp the basic outline of chemistry and properties of important biomolecules like glucose, urea, etc													
CO3	Summarize the working of enzymes and their importance as diagnostic tools for the clinician.													
CO4	Describe the mechanisms involved in maintenance of body fluids along with electrolytes.													
CO5	Be able to understand the concepts of laboratory medicine, which involves learning about physiological levels of important biomolecules and the underlying cause of change in these levels in disease states													
COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	P8	PO9	PO10	PO11	PO12	PO13	
CO1	3	1	1	3	1	2	3	2	3	1	1	3	1	
CO2	2	2	2	3	1	2	2	3	3	1	1	3	1	
CO3	3	1	2	1	3	2	1	3	3	1	1	2	1	
CO4	3	1	3	2	2	1	1	2	2	1	1	3	2	
CO5	3	2	3	2	2	1	2	2	2	2	2	2	2	
Cos/PSOs	PSO 1			PSO 2			PSO 3			PSO 4				
CO1	3			3			1			1				
CO2	2			2			1			2				
CO3	3			3			3			3				
CO4	3			3			3			3				
CO5	3			3			1			1				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	Optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
	✓	✓	✓	✓			✓							



SUBJECT NAME: <b>PSYCHOLOGY</b>		T / L/ ETL		L	T / S.Lr	P/ R							
		T/L		L	S/LR								
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To orient students with regards to psychological principles, and widen their knowledge of the fundamentals of psychology. The course offers students an opportunity to understand the psychodynamics of patient behavior and to apply theoretical concepts in practical settings.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Understanding self and others.												
CO2	Analysing her own thought and behavior patterns.												
CO3	Using psychological principles to improve her efficiency in nursing care.												
CO4	Applying psychological principles while performing nursing duties.												
CO5	Distinguishing psychological processes during health and sickness.												
CO6	Planning nursing care with regards to psychological needs and concerns												
COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	3	3	3	1	2	2	3	2	2	2	1	2
CO2	3	3	3	3	1	3	2	3	3	3	3	2	3
CO3	3	2	3	3	2	2	2	3	2	2	3	2	2
CO4	3	3	3	3	1	3	2	3	3	3	2	3	3
CO5	3	3	3	3	2	2	1	3	2	3	3	2	2
CO6	3	3	3	3	2	3	2	3	3	2	3	2	3
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
CO1	3			2			2			2			
CO2	3			3			3			3			
CO3	2			2			2			3			
CO4	3			3			3			2			
CO5	2			2			3			2			
CO6	2			3			2			3			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	Optional Electives	Practical / Project	Internships / Technical Skill					Soft Skills
	✓	✓	✓	✓			✓						



SUBJECT NAME:		T / L/ ETL		L	T / S.Lr	P/ R								
<b>MICROBIOLOGY</b>		T/L		L	S/LR									
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To reorients the students to the fundamentals of microbiology and its various sub-divisions.</li> <li>To gain skill in handling and use of microscope for identifying various micro-organisms. It also provides opportunities for safe handling of materials containing harmful bacteria and methods of destroying microorganisms.</li> </ul>														
<b>COURSE OUTCOMES (COs) Students completing this course were able to</b>														
CO1	Identify common disease causing organisms.													
CO2	Basic principles of Microbiology & its significance in health & disease													
CO3	Handling of infective specimens													
CO4	Various methods of sterilization & disinfection													
CO5	Role of nurse in hospital infection control system.													
COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	
CO1	3	2	2	3	3	3	1	1	3	1	1	3	1	
CO2	3	3	3	3	3	3	1	2	2	1	1	3	1	
CO3	3	2	2	3	3	2	2	2	3	2	1	2	2	
CO4	3	3	3	3	3	3	1	1	3	1	2	3	1	
CO5	3	2	3	3	3	2	2	2	3	3	2	2	2	
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4				
CO1	3			2			2			2				
CO2	3			3			3			3				
CO3	2			2			2			3				
CO4	3			3			3			2				
CO5	2			2			3			2				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
	✓	✓	✓	✓			✓							



SUBJECT NAME:		T / L/ ETL		L	T / S.Lr	P/ R								
MATERNAL NURSING		T/L		L	S/LR									
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To gain the knowledge of obstetrics during pregnancy, labour and puerperium.</li> <li>To acquire knowledge and to develop skill in rendering optimum nursing care to a child bearing mother in a hospital or in community</li> <li>To help in the management of common gynaecological problems</li> </ul>														
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to														
CO1	Describe the physiology of pregnancy, labour, and puerperium.													
CO2	Manage normal pregnancy, labour and puerperium.													
CO3	Explain the physiology of lactation, and advice on management of breastfeeding.													
CO4	Provide pre- and post-operative nursing care in obstetric conditions.													
CO5	Identify and manage high risk pregnancy including appropriate referrals.													
CO6	Propagate the concept and motivate acceptance of family planning methods.													
CO7	Teach, guide and supervise auxiliary midwifery personnel.													
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	
CO1	3	3	3	3	2	2	2	3	2	1	1	3	2	
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3	
CO3	2	3	2	3	3	2	2	2	2	1	3	2	2	
CO4	3	3	3	3	3	3	3	3	3	3	2	3	3	
CO5	2	3	3	2	3	2	3	3	2	3	3	2	2	
CO6	3	3	3	3	3	3	2	3	3	3	3	3	3	
CO7	3	3	3	3	3	3	3	3	3	3	3	3	3	
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4				
CO1	3			2			2			2				
CO2	3			3			3			3				
CO3	2			2			2			3				
CO4	3			3			3			2				
CO5	2			2			3			2				
CO6	2			2			2			3				
CO7	3			3			3			2				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	Optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
		✓	✓	✓			✓							



SUBJECT NAME: <b>CHILD HEALTH NURSING</b>		T / L/ ETL		L	T / S.Lr	P/ R								
		T/L		L	S/LR									
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To develop an understanding of the modern approach to child care, the principles of child health nursing and the common problems of neonates and children in health and sickness</li> </ul>														
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to														
<b>CO1</b>	Explain the modern concept of child care and the principles of child healthnursing.													
<b>CO2</b>	Describe the normal growth and development of children in various age groups.													
<b>CO3</b>	Explain the physiological response of body to disease conditions in children.													
<b>CO4</b>	Identify the health needs and problems of neonates and children, plan and implement appropriate nursing interventions.													
<b>CO5</b>	Identify the various preventive, promotive and rehabilitative aspects of child care and apply them in providing nursing care to children in the hospital and in the community.													
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>	
<b>CO1</b>	3	3	2	2	3	2	2	3	2	2	2	3	2	
<b>CO2</b>	3	3	3	3	3	3	3	3	3	3	3	3	3	
<b>CO3</b>	3	2	2	3	2	2	3	3	2	2	3	3	2	
<b>CO4</b>	3	3	3	2	3	3	3	3	3	3	2	3	3	
<b>CO5</b>	3	2	3	2	2	2	3	2	2	3	2	2	2	
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>				
<b>CO1</b>	3			2			2			2				
<b>CO2</b>	3			3			3			3				
<b>CO3</b>	2			2			2			3				
<b>CO4</b>	3			3			3			2				
<b>CO5</b>	2			2			3			2				
<b>3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low</b>														
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health Science</b>	<b>Humanities and Social Sciences</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>optional Electives</b>	<b>Practical / Project</b>	<b>Internships / Technical Skill</b>						<b>Soft Skills</b>
	✓	✓	✓	✓			✓							

SUBJECT NAME: <b>MEDICAL –SURGICAL NURSING</b>		T /L/ ETL		L	T / S.Lr	P/ R							
		T/L		L	S/LR								
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To gain the knowledge and develop proficiency in caring for patients with Medical Surgical problems.</li> <li>To review of relevant anatomy &amp; physiology, pathophysiology in Medical Surgical disorders &amp; the nursing management of these conditions</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	explain relevant anatomy & physiology of various systems of the body.												
CO2	explain etiology, pathophysiology & manifestations of various disorders.												
CO3	explain the actions, side-effects & nursing implications in administering drugs for various disorders.												
CO4	discuss the recent advancement in the investigations, treatment & care of patients with Medical Surgical conditions.												
CO5	develop skill in giving comprehensive nursing care to patients following the steps of nursing process.												
CO6	assist the patients & their families in identifying & meeting their own health needs.												
CO7	provide planned & incidental health education on various aspects related to disorder & relevant care.												
CO8	appreciate the role of the nurse in the medical surgical health team.												
COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	3	1	1	1	1	2	3	3	1	1	1	2
CO2	3	3	2	2	2	1	1	3	3	1	1	2	3
CO3	3	3	2	2	2	2	2	2	2	2	1	2	2
CO4	3	3	3	3	3	1	1	3	3	3	2	3	3
CO5	2	2	3	3	2	2	1	2	2	3	2	2	2
CO6	2	2	3	3	2	1	2	3	3	3	2	2	1
CO7	3	3	3	3	2	3	3	3	3	3	3	1	2
CO8	2	2	2	2	2	2	2	3	3	3	3	2	2
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
CO1	2			3			2			3			
CO2	3			3			3			3			
CO3	2			2			2			3			
CO4	3			3			3			2			
CO5	2			2			3			2			
CO6	2			2			2			3			
CO7	3			3			3			2			
CO8	2			2			2			3			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													



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Category	
	Basic Sciences
<	Medical and Allied Health Science
<	Humanities and Social Sciences
<	Program Core
	Mandatory Electives
	Optional Electives
<	Practical / Project
<	Internships / Technical Skill/Value added
	Soft Skills



SUBJECT NAME:		T / L/ ETL		L	T / S.Lr	P/ R								
ENGLISH		T/L		L	S/LR									
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To help the student understand and usage of English language required for their professional work.</li> </ul>														
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to														
CO1	Ability to speak and write grammatically correct English													
CO2	Effective skill in reading and understanding the English language													
CO3	Skill in reporting													
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	
CO1	3	2	2	2	1	2	2	3	2	2	2	3	2	
CO2	3	1	2	1	1	1	1	3	1	1	3	1	1	
CO3	3	2	2	1	2	2	2	2	2	2	3	2	2	
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4				
CO1	3			2			2			2				
CO2	3			3			3			3				
CO3	2			2			2			3				
3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low														
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
			✓											✓



PRINCIPAL  
 MKSSS's Smt. Bakul Tambat  
 Institute of Nursing Education  
 Karvenagar, Pune-411 052.



**II<sup>nd</sup> year Post Basic B.Sc Nursing**

SUBJECT NAME:										T / L / ETL		L	T / S.Lr	P / R
<b>SOCIOLOGY</b>										T/L		L	S/LR	
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To reorient students to sociology related to community of social institutions in India and its relationship with health, illness and nursing.</li> </ul>														
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to														
CO1	Describe sociological concepts applicable to nursing													
CO2	Determine role of sociology in nursing as related to social institutes in India.													
CO3	Develop positive attitudes towards individual family and community.													
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>	
CO1	3	2	1	2	3	2	2	3	2	2	2	3	2	
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3	
CO3	3	2	3	3	2	2	2	2	2	2	3	2	2	
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>				
CO1	3			2			2			2				
CO2	3			3			3			3				
CO3	2			2			2			3				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
<b>Category</b>	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill						Soft Skills
			✓											



SUBJECT NAME: <b>COMMUNITY HEALTH NURSING</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/ R</b>
	T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To acquire knowledge and understanding of the changing concepts of comprehensive community health nursing practice, the national health care delivery system
- To participate in the delivery of community health nursing practice.
- To broadens the understanding in public health nursing administration, responsibility of nurse for early case finding, health assessment and health education based on principles of primary health care, nursing process approach and comprehensive nursing care to the individual, family and community.

**COURSE OUTCOMES (COs) Students completing this course were able to**

<b>CO1</b>	Explain the concept of various factors contributing the health of individual family and community.
<b>CO2</b>	Explain and analyze health need of individual family and community based on factors contributing to health and illness
<b>CO3</b>	Describe national health care delivery system.
<b>CO4</b>	Describes epidemiological methods and principles of prevention and control of illness in the community.
<b>CO5</b>	Study implementation of national programmes and role of CHN in prevention and control of diseases.
<b>CO6</b>	Identify the role of personnel working in the community health setup and appreciate the integrated approach to community health.
<b>CO7</b>	Plan the work of community health nurse and supervise the health workers.
<b>CO8</b>	Study concept of public health administration and role of nurse as manager and supervisor.

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
<b>CO1</b>	3	2	2	2	3	2	2	3	2	2	2	3	2
<b>CO2</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO3</b>	3	2	2	3	2	2	2	3	2	2	3	2	2
<b>CO4</b>	3	2	2	2	3	2	2	3	2	2	2	3	2
<b>CO5</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO6</b>	2	2	2	3	2	2	2	3	2	2	3	2	2
<b>CO7</b>	3	2	2	2	3	2	3	3	2	2	2	3	2
<b>CO8</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
<b>CO1</b>	3			2			2			2			
<b>CO2</b>	3			3			3			3			
<b>CO3</b>	2			2			2			3			



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<b>C04</b>	3	3	3	3
<b>C05</b>	2	2	2	3
<b>C06</b>	3	3	3	3
<b>C07</b>	2	2	2	3
<b>C08</b>	3	3	3	3

**3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low**

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	Optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
			✓	✓	✓			✓	



SUBJECT NAME:		T / L/ ETL		L	T / S.Lr	P/ R							
MENTAL HEALTH NURSING		T/L		L	S/LR								
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To recognize and appreciate the causes, symptoms and process of abnormal human behavior.</li> <li>To introduce the student to the present day treatment modalities in the light of psychological, social and cultural factors affecting human behavior.</li> <li>Helps the student to learn principles of mental health and psychiatric nursing and to develop skills in the management of the mentally ill in hospital and community.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Identify and describe the philosophy and principles of mental health nursing.												
CO2	Describe the historical development of mental health and psychiatric nursing.												
CO3	Classify mental disorders.												
CO4	Develop skills in history taking and performing mental status examination.												
CO5	Describe etiological factors, psycho-pathology, clinical features, diagnostic criteria and treatment methods used for mental disorders.												
CO6	Manage the patients with various mental disorders.												
CO7	Communicate therapeutically with patients and their families.												
CO8	Identify role of the nurse in preventive psychiatry.												
CO9	Identify the legal aspects in practice of mental health and psychiatric nursing.												
COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	2	3	3	3	2	3	3	2	2	2	3	2
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO3	2	2	2	3	2	2	2	3	2	2	3	3	3
CO4	3	2	2	3	3	2	2	3	2	2	2	3	3
CO5	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	3	2	2	3	2	2	2	3	2	2	3	3	3
CO7	3	2	3	3	3	2	2	3	2	2	2	3	3
CO8	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	3	3	3	3	2	2	3	2	2	2	3	2	2
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
CO1	3			2			2			2			
CO2	3			3			3			3			
CO3	2			2			2			3			
CO4	3			2			2			2			
CO5	3			3			3			3			



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<b>CO6</b>	2	2	2	3					
<b>CO7</b>	3	2	2	2					
<b>CO8</b>	3	3	3	3					
<b>CO9</b>	2	2	2	3					
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>									
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health Science</b>	<b>Humanities and Social Sciences</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>Optional Electives</b>	<b>Practical / Project</b>	<b>Internships / Technical Skill</b>	<b>Soft Skills</b>
		✓	✓	✓			✓		



SUBJECT NAME:		T / L/ ETL		L	T / S/Lr	P/ R							
INTRODUCTION TO NURSING EDUCATION		T/L		L	S/LR								
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>Introduces the students to principles and concepts of education, curriculum development and methods and media of teaching.</li> <li>Describes the step the steps in curriculum development and implementation of educational programme in nursing.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Describe the philosophy and principles of education												
CO2	Describe the process of a nursing curriculum development												
CO3	Explain the teaching learning process												
CO4	Develop the ability to teach, using various methods and media												
CO5	Describe the process of assessment												
CO6	Describe the administrative aspects of school of nursing, College of Nursing												
CO7	Develop basic skills in counselling and guidance												
CO8	Participate in planning and organizing an in-service education programme												
COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	2	1	2	3	2	3	3	2	2	2	3	2
CO2	3	3	2	3	3	3	3	3	3	3	3	3	3
CO3	3	2	2	3	2	2	2	3	2	2	3	2	2
CO4	3	3	2	2	3	2	2	3	2	2	2	3	2
CO5	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	2	2	2	3	2	2	2	2	2	2	3	2	2
CO7	3	3	2	2	3	3	2	3	2	2	2	3	2
CO8	3	3	3	3	3	3	3	3	3	3	3	3	3
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
CO1	3			2			2			2			
CO2	3			3			3			3			
CO3	2			2			2			3			
CO4	3			2			2			2			
CO5	3			3			3			3			
CO6	2			2			2			3			
CO7	3			2			2			2			
CO8	3			3			3			3			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													



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Category	
	Basic Sciences
<	Medical and Allied Health Science
<	Humanities and Social Sciences
<	Program Core
	Mandatory Electives
	Optional Electives
<	Practical / Project
	Internships / Technical Skill
	Soft Skills

SUBJECT NAME: <b>INTRODUCTION TO NURSING SERVICE ADMINISTRATION</b>	T / L/ ETL	L	T / S.Lr	P/R
	T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To give an opportunity to the students to gain an understanding of the principles of administration and its application to nursing service.
- To assist the students to develop an understanding of the need for professional leadership.

**COURSE OUTCOMES (COs) Students completing this course were able to**

CO1	Identify the principles of administration.
CO2	Describe the principles and techniques of supervision.
CO3	Explain the principles and methods of personnel management.
CO4	Explain the principles of budgeting.
CO5	Organize and manage a nursing unit effectively.
CO6	Identify dynamics of organizational behavior, styles and functions of effective leadership.

COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	2	2	2	2	3	2	2	3	2	2	2	3	2
CO2	2	1	1	3	3	1	3	3	3	3	3	3	3
CO3	3	2	2	1	2	2	2	2	2	2	3	2	2
CO4	2	2	2	2	3	2	2	3	2	2	2	3	2
CO5	3	1	1	3	3	3	3	3	3	3	3	3	3
CO6	2	2	2	3	2	2	2	2	2	2	3	2	2

COs/PSOs	PSO 1	PSO 2	PSO 3	PSO 4
CO1	3	2	2	2
CO2	3	3	3	3
CO3	2	2	2	3
CO4	3	2	2	2
CO5	3	3	3	3
CO6	2	2	2	3

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
		✓	✓	✓			✓		



SUBJECT NAME:		T / L/ ETL		L	T / S.Lr	P/R							
<b>INTRODUCTION TO NURSING RESEARCH STATISTICS</b>		T/L		L	S/LR								
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To assist the student to develop an understanding of the basic concepts principles of research and scientific inquiry including the identification of problem and steps in research methodology.</li> <li>To introduces the basic concepts, and principles of Statistical methods, the use of computers in conducting research project in groups and use the finding in nursing practice.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Define the terms and concepts of nursing research.												
CO2	Identify needs and scope of nursing research.												
CO3	Be able to define research problems.												
CO4	Locate and list sources of literature review including operational definition and conceptual framework.												
CO5	Describe different approaches and research designs in nursing research.												
CO6	Describe sample and sampling technique with special reference to survey method.												
CO7	Develop tool for data collection.												
CO8	Able to conduct pilot study to confirm reliability and validity of tool before data collection.												
CO9	To enumerate steps of data analysis and present data summary in tabular form.												
CO10	Use descriptive and co-relational statistics in data analysis.												
CO11	Conduct group project and write report.												
CO12	Use computer for research project.												
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	2	2	3	3	2	3	3	2	2	2	3	2
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO3	2	2	2	3	3	2	2	2	2	2	3	2	2
CO4	3	2	2	3	3	2	2	3	2	2	2	3	2
CO5	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	2	2	2	3	3	2	3	2	2	2	3	3	2
CO7	3	2	2	2	3	2	2	3	2	2	2	3	2
CO8	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	2	2	2	3	2	2	3	2	2	2	3	2	2
CO10	3	2	2	3	3	2	2	3	2	2	2	3	2
CO11	3	3	3	3	3	3	3	3	3	3	3	3	3
CO12	2	2	2	3	3	2	3	2	2	2	3	3	2
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4			



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C01	3	2	2	2
C02	3	3	3	3
C03	2	2	2	3
C04	3	2	2	2
C05	3	3	3	3
C06	2	2	2	3
C07	3	2	2	2
C08	3	3	3	3
C09	2	2	2	3
C010	3	2	2	2
C011	3	3	3	3
C012	2	2	2	3

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	Optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
			✓	✓	✓			✓	



*[Signature]*  
 PRINCIPAL  
 MKSSS's Smt. Bakul Tambat  
 Institute of Nursing Education  
 Karvenagar, Pune-411 052.



## First year MSc Nursing

SUBJECT NAME:		T / L/ ETL		L	T / S.Lr	P/R							
<b>NURSING EDUCATION</b>		T/L		L	S/LR								
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To assist students to develop a broad understanding of fundamental principles, trends and issues related to education and nursing education.</li> <li>To provide opportunity to students to understand, appreciate and acquire skills in teaching and evaluation, curriculum development, implementation, maintenance of standards and accreditation of various nursing educational programs.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
<b>CO1</b>	Explain the aims of education, philosophies, trends in education and health: its impact on nursing education.												
<b>CO2</b>	Describe the teaching learning process.												
<b>CO3</b>	Prepare and utilize various instructional media and methods in teaching learning process.												
<b>CO4</b>	Demonstrate competency in teaching, using various instructional strategies.												
<b>CO5</b>	Critically analyze the existing nursing educational programs, their problems, issues and future trends.												
<b>CO6</b>	Describe the process of curriculum development, and the need and the methodology of curriculum changes, innovation and integration.												
<b>CO7</b>	Plan and conduct continuing nursing education programs.												
<b>CO8</b>	Critically analyze the existing teacher preparation programs in nursing.												
<b>CO9</b>	Demonstrate skill in guidance and counselling.												
<b>CO10</b>	Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.												
<b>CO11</b>	Explain the development of standards and accreditation process in nursing education programs.												
<b>CO12</b>	Identify research priorities in nursing education.												
<b>CO13</b>	Discuss various models of collaboration in nursing education and services.												
<b>CO14</b>	Explain the concept, principles, steps, tools and techniques of evaluation.												
<b>CO15</b>	Construct, administer and evaluate various tools for assessment of knowledge, skill and												
COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
<b>CO1</b>	3	2	2	2	3	2	2	3	3	2	2	1	2
<b>CO2</b>	3	1	1	3	3	1	2	3	3	1	3	3	3
<b>CO3</b>	2	2	2	3	2	2	2	2	2	2	2	2	2
<b>CO4</b>	3	2	2	2	3	2	2	3	3	2	2	1	2
<b>CO5</b>	3	1	1	3	3	1	2	3	3	1	3	1	3
<b>CO6</b>	2	2	2	3	2	2	2	2	3	2	3	2	2
<b>CO7</b>	3	2	2	2	3	2	2	3	2	2	2	1	2



CO8	3	1	1	3	3	3	3	3	3	1	3	3	3
CO9	2	2	2	3	2	2	2	2	3	2	3	2	2
CO10	3	2	2	2	3	2	2	3	3	2	2	1	2
CO11	3	3	1	3	3	3	2	3	3	1	3	1	3
CO12	2	2	2	3	2	2	2	2	2	2	3	2	2
CO13	3	2	2	2	3	2	2	3	2	2	2	2	2
CO14	3	1	1	3	3	3	3	3	3	1	3	3	3
CO15	3	2	2	3	2	2	2	2	3	2	3	2	2

COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4		
CO1	3			2			2			2		
CO2	3			3			3			3		
CO3	2			2			2			3		
CO4	3			2			2			2		
CO5	3			3			3			3		
CO6	2			2			2			3		
CO7	3			2			2			2		
CO8	3			3			3			3		
CO9	2			2			2			3		
CO10	3			2			2			2		
CO11	3			3			3			3		
CO12	2			2			2			3		
CO13	3			2			2			2		
CO14	3			3			3			3		
CO15	2			2			2			3		

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	Optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
		✓	✓	✓			✓		



SUBJECT NAME: <b>ADVANCED NURSING PRACTICE</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/R</b>
	T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To develop an understanding of concepts and constructs theoretical basis of advanced nursing practice and critically analyze different theories of nursing and other disciplines.

**COURSE OUTCOMES (COs)** Students completing this course were able to

<b>CO1</b>	Appreciate and analyse the development of nursing as a profession.
<b>CO2</b>	Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
<b>CO3</b>	Explain bio- psycho- social dynamics of health, life style and health care delivery system
<b>CO4</b>	Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
<b>CO5</b>	Describe scope of nursing practice.
<b>CO6</b>	Provide holistic and competent nursing care following nursing process approach.
<b>CO7</b>	Identify latest trends in nursing and the basis of advance nursing practice.
<b>CO8</b>	Perform extended and expanded role of nurse.
<b>CO9</b>	Describe alternative modalities of nursing care.
<b>CO10</b>	Describe the concept of quality control in nursing.
<b>CO11</b>	Identify the scope of nursing research.
<b>CO12</b>	Use computer in patient care delivery system and nursing practice.
<b>CO13</b>	Appreciate importance of self-development and professional advance

COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	2	3	2	3	2	2	3	2	2	2	3	2
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO3	3	2	2	3	2	2	2	2	2	2	3	2	2
CO4	3	2	2	2	3	2	2	3	2	2	2	3	2
CO5	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	3	2	2	3	2	2	2	2	2	2	3	2	2
CO7	3	3	3	2	3	2	2	3	2	2	2	3	2
CO8	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	3	2	2	3	2	2	2	2	2	2	3	2	2
CO10	3	2	3	2	3	2	2	3	2	2	2	3	2
CO11	3	3	3	3	3	3	3	3	3	3	3	3	3
CO12	3	2	2	3	2	2	2	2	2	2	3	2	2
CO13	3	3	3	3	3	3	3	3	3	3	3	3	3



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COs/PSOs	PSO 1	PSO 2	PSO 3	PSO 4
CO1	3	2	2	2
CO2	3	3	3	3
CO3	2	3	2	3
CO4	3	2	2	2
CO5	3	3	3	3
CO6	2	2	2	3
CO7	3	2	2	2
CO8	3	3	3	3
CO9	2	2	2	3
CO10	3	2	2	2
CO11	3	3	3	3
CO12	2	3	2	3
CO13	2	2	3	3

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	Optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
			✓	✓	✓			✓	



SUBJECT NAME: <b>MEDICAL SURGICAL NURSING</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/R</b>
	T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To assist students in developing expertise and in depth knowledge in the field of Medical Surgical Nursing.
- To appreciate the patient as a holistic individual and develop skill to function as a specialized Medical Surgical nurse.
- To function as educator, manager and researcher in the field of Medical Surgical Nursing.

**COURSE OUTCOMES (COs) Students completing this course were able to**

<b>CO1</b>	Appreciate trends and issues in the field of medical surgical nursing as a speciality.
<b>CO2</b>	Apply concepts and theories related to health promotion.
<b>CO3</b>	Appreciate the client as a holistic individual.
<b>CO4</b>	Perform physical, psychosocial assessment of medical surgical patients.
<b>CO5</b>	Apply Nursing process in providing care to patients.
<b>CO6</b>	Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness.
<b>CO7</b>	Recognize and manage emergencies with Medical Surgical patients.
<b>CO8</b>	Describe various recent technologies and treatment modalities in the management of critically ill patients.
<b>CO9</b>	Appreciate the legal and ethical issues relevant to medical surgical nursing.
<b>CO10</b>	Prepare a design for layout and management of medical surgical units.
<b>CO11</b>	Appreciate the role of alternative systems of medicine in care of patients.
<b>CO12</b>	Incorporate evidence based Nursing practice and identity the areas of research in the field of Medical Surgical Nursing.
<b>CO13</b>	Recognize the role of Nurse practitioner as a member of the medical surgical health teams.
<b>CO14</b>	Teach Medical Surgical Nursing to undergraduate nursing students and in-service nurses.

COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
<b>CO1</b>	3	2	2	2	3	2	2	3	2	2	2	3	2
<b>CO2</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO3</b>	2	2	2	3	2	2	2	2	2	2	3	2	2
<b>CO4</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO5</b>	2	3	2	3	2	3	2	3	2	3	2	3	2
<b>CO6</b>	3	2	2	2	3	2	2	2	3	2	2	2	3
<b>CO7</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO8</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO9</b>	2	3	2	3	2	3	2	3	2	3	2	3	2



CO10	3	3	3	3	3	3	3	3	3	3	3	3	3
CO11	2	3	2	3	2	3	2	3	2	3	2	3	2
CO12	3	2	2	2	3	2	3	2	3	2	2	2	3
CO13	3	3	3	3	3	3	3	3	3	3	3	3	3
CO14	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
CO1	3			2			2			2			
CO2	3			3			3			3			
CO3	2			2			2			3			
CO4	3			2			2			2			
CO5	3			3			3			3			
CO6	2			2			2			3			
CO7	3			2			2			2			
CO8	3			3			3			3			
CO9	2			2			2			3			
CO10	3			2			2			2			
CO11	3			3			3			3			
CO12	2			2			2			3			
CO13	3			2			2			2			
CO14	3			3			3			3			

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	Optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
			✓	✓	✓			✓	



SUBJECT NAME: <b>MENTAL HEALTH (PSYCHIATRIC) NURSING</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/R</b>
	T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To assist students in developing expertise and in depth understanding in the field of Psychiatric nursing.
- To appreciate the clients as a holistic individual and develop skill to function psychiatric nurse specialist.
- To enable the student to function as educator, manager, and researcher in the field of psychiatric nursing

**COURSE OUTCOMES (COs) Students completing this course were able to**

<b>CO1</b>	Appreciate the trends and issues in the field of psychiatric and psychiatric nursing.
<b>CO2</b>	Explain the dynamics of personality development and human behaviour.
<b>CO3</b>	Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing
<b>CO4</b>	Demonstrate therapeutic communications skills in all interactions
<b>CO5</b>	Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities
<b>CO6</b>	Establish and maintain therapeutic relationship with individual and groups
<b>CO7</b>	Uses assertive technique in personal and professional actions
<b>CO8</b>	Promotes self-esteem of clients , others and self
<b>CO9</b>	Apply the nursing process approach in caring for patients with mental disorders
<b>CO10</b>	Describe the psychopharmacological agents ,their effects and nurses role
<b>CO11</b>	Recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team
<b>CO12</b>	Describe various types of alternative system of medicines used in psychiatric settings
<b>CO13</b>	Incorporate evidence based nursing practice and identify the areas of research in the field of psychiatric nursing

COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	2	3	3	3	2	3	3	2	2	2	3	2
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO3	2	2	2	3	2	2	2	3	2	2	3	3	3
CO4	3	2	2	3	3	2	2	3	2	2	2	3	3
CO5	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	3	2	2	3	2	2	2	3	2	2	3	3	3
CO7	3	2	3	3	3	2	2	3	2	2	2	3	3
CO8	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	3	3	3	3	2	2	3	2	2	2	3	2	2
CO10	3	2	3	3	3	2	3	3	2	2	2	3	2

CO11	3	3	3	3	3	3	3	3	3	3	3	3	3
CO12	2	2	2	3	2	2	2	3	2	2	3	3	3
CO13	3	2	2	3	3	2	2	3	2	2	2	3	3
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
CO1	3			2			2			2			
CO2	3			3			3			3			
CO3	2			2			2			3			
CO4	3			2			2			2			
CO5	3			3			3			3			
CO6	2			2			2			3			
CO7	3			2			2			2			
CO8	3			3			3			3			
CO9	2			2			2			3			
CO10	3			2			2			2			
CO11	3			3			3			3			
CO12	2			2			2			3			
CO13	3			2			2			2			

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
			✓	✓	✓			✓	



<b>SUBJECT NAME:</b> <b>OBSTETRICS AND GYNAECOLOGICAL NURSING</b>	<b>T / L/ ETL</b>		<b>T /</b>	<b>P/R</b>
		<b>L</b>	<b>S.Lr</b>	
	<b>T/L</b>	<b>L</b>	<b>S/LR</b>	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To assist students in developing expertise and in depth understanding in the field of obstetric and gynecological nursing.
- To appreciate the client as a holistic individual and develop skill to function as an independent midwifery practitioner.
- To enable the student to function as educator, manager and researcher in the field of obstetric and gynecological nursing

**COURSE OUTCOMES (COs) Students completing this course were able to**

<b>CO1</b>	Appreciate the trends in the field of midwifery, obstetrics and gynaecology as a specialty
<b>CO2</b>	Describe the population dynamics and indicators of maternal and child health
<b>CO3</b>	Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
<b>CO4</b>	Provide comprehensive nursing care to women during reproductive period.
<b>CO5</b>	Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynecological nursing.
<b>CO6</b>	Identify and analyze the deviations from normal birth process and refer appropriately.
<b>CO7</b>	Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse
<b>CO8</b>	Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation
<b>CO9</b>	Describe the role of various types of complementary and alternative therapies in obstetric
<b>CO10</b>	Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynecological nursing
<b>CO11</b>	Describe the recent advancement in contraceptive technology and birth control measures.
<b>CO12</b>	Appreciate the legal and ethical issues pertaining to obstetric and gynaecological nursing

<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	3	2	3	2	3	3	2	3	3	2	2	2	3
<b>CO2</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO3</b>	3	2	2	3	2	2	2	3	2	2	3	3	2
<b>CO4</b>	3	2	3	2	3	2	3	3	3	2	2	2	3
<b>CO5</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO6</b>	2	2	2	3	2	2	2	3	2	2	2	3	2
<b>CO7</b>	3	2	2	2	3	2	2	3	3	2	3	2	3
<b>CO8</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO9</b>	3	2	2	3	2	2	2	3	2	2	2	3	2

CO10	3	2	2	2	3	2	2	2	3	2	2	2	3
CO11	3	3	3	3	3	3	3	3	3	3	3	3	3
CO12	2	2	2	3	2	2	2	3	2	2	2	3	2
CO13	3	2	2	2	3	2	2	2	3	2	2	2	3
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
CO1	3			2			2			2			
CO2	3			3			3			3			
CO3	2			2			2			3			
CO4	3			2			2			2			
CO5	3			3			3			3			
CO6	2			2			2			3			
CO7	3			2			2			2			
CO8	3			3			3			3			
CO9	2			2			2			3			
CO10	3			2			2			2			
CO11	3			3			3			3			
CO12	2			2			2			3			
CO13	3			2			2			2			

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
			✓	✓	✓			✓	



SUBJECT NAME:		T / L/ ETL		L		T / S.Lr		P/R					
NURSING RESEARCH AND STATISTICS		T/L		L		S/LR							
Part A: Nursing Research		T/L		L		S/LR							
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To assist the students to acquire an understanding of the research methodology and statistical methods as a basis for identifying research problem, planning and implementing a research plan.</li> <li>To enable the students to evaluate research studies and utilize research findings to improve quality of nursing practice, education and management</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Define basic research terms and concepts.												
CO2	Review literature utilizing various sources												
CO3	Describe research methodology												
CO4	Develop a research proposal.												
CO5	Conduct a research study.												
CO6	Analyze and interpret the research data												
CO7	Communicate research findings												
CO8	Utilize research findings												
CO9	Critically evaluate nursing research studies												
CO10	Write scientific paper for publication												
COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	2	2	3	3	2	3	3	2	2	2	3	2
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO3	2	2	2	3	2	2	2	2	2	2	3	2	2
CO4	3	2	2	2	3	2	2	3	2	2	2	3	2
CO5	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	2	2	2	3	2	2	3	2	2	2	3	3	2
CO7	3	2	2	3	3	2	2	3	2	2	2	3	2
CO8	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	2	2	2	3	3	2	3	2	2	2	3	3	2
CO10	3	2	2	2	3	2	3	3	2	2	2	3	2
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
CO1	3			2			2			2			
CO2	3			3			3			3			
CO3	2			2			2			3			
CO4	3			2			2			2			



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<b>CO5</b>	3	3	3	3
<b>CO6</b>	2	2	2	3
<b>CO7</b>	3	3	3	3
<b>CO8</b>	2	2	2	3
<b>CO9</b>	3	3	3	3
<b>CO10</b>	2	2	2	3

**3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low**

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	Optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
			✓	✓	✓			✓	✓

SUBJECT NAME: <b>NURSING RESEARCH AND STATISTICS</b> <b>PART – B : STATISTICS</b>		T / L/ ETL		L	T / S.Lr	P/R								
		T/L		L	S/LR									
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab														
<b>OBJECTIVES</b>														
<ul style="list-style-type: none"> <li>To develop an understanding of the statistical methods and apply them in conducting research studies in nursing.</li> </ul>														
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to														
CO1	Explain the basic concepts related to statistics													
CO2	Describe the scope of statistics in health and nursing													
CO3	Organize, tabulate and present data meaningfully													
CO4	Use descriptive and inferential statistics to predict results.													
CO5	Draw conclusions of the study and predict statistical significance of the results.													
CO6	Describe vital health statistics and their use in health related research													
CO7	Use statistical packages for data analysis.													
COs/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	
CO1	3	2	2	2	3	2	2	3	2	2	2	3	2	
CO2	3	1	1	3	3	1	1	3	3	3	1	3	1	
CO3	2	2	2	3	2	2	2	2	2	2	1	2	2	
CO4	3	1	1	2	2	1	2	2	2	1	1	2	1	
CO5	3	1	2	3	3	2	2	2	1	2	1	3	2	
CO6	3	2	2	3	3	2	2	2	2	1	1	3	1	
CO7	3	1	1	2	2	1	1	2	1	1	1	2	1	
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4				
CO1	3			2			2			2				
CO2	3			3			3			3				
CO3	2			2			2			3				
CO4	3			2			2			2				
CO5	3			3			3			3				
CO6	2			2			2			3				
CO7	3			3			3			3				
<b>3/2/1 Indicates Strength Of Correlation, 3 – High, 2- Medium, 1- Low</b>														
Category	Basic Sciences	Medical and Allied Health	Humanities and Social	Program Core	Mandatory Electives	optional Electives	Practical/ Project	Internship s/ Technical Skill						Soft Skills
		✓					✓	✓						



**Second year MSc Nursing**

SUBJECT NAME: <b>MEDICAL SURGICAL NURSING – CRITICAL CARE NURSING</b>		T / L/ ETL		L	T / S.Lr	P/R							
		T/L		L	S/LR								
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To assist students in developing expertise and in- depth knowledge in the field of Critical Care Nursing.</li> <li>To develop advanced skills in caring for critically ill patients using nursing process. It enables them to function as critical care nurse practitioner/ specialist.</li> <li>To function as educator, manager and researcher in the field of Critical Care Nursing.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Elicit trends and issues related to Critical Care Nursing.												
CO2	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients.												
CO3	Describe the various drugs used in critical care and the nurse's responsibility.												
CO4	Perform physical, psychosocial and spiritual assessment.												
CO5	Demonstrate advance skills/ competence in managing critically ill patients including Advance Cardiac Life Support.												
CO6	Demonstrate skills in handling various equipment/ gadgets used for critical care.												
CO7	Apply nursing process in the care of critically ill patients.												
CO8	Enhance team work and coordinate activities related to patient care.												
CO9	Practice infection control measures.												
CO10	Assess and manage pain.												
CO11	Discuss the legal and ethical issues in critical care nursing.												
CO12	Assist patients and their family to cope with emotional and spiritual distress and grief.												
CO13	Assist in various diagnostic, therapeutic and surgical procedures												
CO14	Incorporate evidence based nursing practice and identify the areas of research in the field of critical care nursing.												
CO15	Identify the sources of stress and manage burnout syndrome among health care providers.												
CO16	Teach and supervise nurses and allied health workers.												
CO17	Design a layout of ICU and develop standards for critical care nursing practice.												
CO18	Identify complications and take appropriate measures.												
COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	2	2	2	3	2	2	3	2	2	2	3	2
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO3	2	2	2	3	2	2	2	2	2	2	3	2	2
CO4	3	3	3	3	3	3	3	3	3	3	3	3	3
CO5	2	3	2	3	2	3	2	3	2	3	2	3	2
CO6	3	2	2	2	3	2	2	2	3	2	2	2	3

C07	3	3	3	3	3	3	3	3	3	3	3	3	3	
	3	3	3	3	3	3	3	3	3	3	3	3	3	
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>				
C01	3			2			2			2				
C02	3			3			3			3				
C03	2			2			2			3				
C04	3			2			2			2				
C05	3			3			3			3				
C06	2			2			2			3				
C07	3			2			2			2				
C08	3			3			3			3				
C09	2			2			2			3				
C010	3			2			2			2				
C011	3			3			3			3				
C012	2			2			2			3				
C013	3			2			2			2				
C014	3			3			3			3				
C015	2			2			2			3				
C016	3			2			2			2				
C017	3			3			3			3				
C018	2			2			2			3				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health</b>	<b>Humanities and Social</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>optional Electives</b>	<b>Practical / Project</b>	<b>Internship s/ Technical Skill</b>						<b>Soft Skills</b>
		✓	✓	✓			✓							



SUBJECT NAME:		T / L/ ETL		L	T / S.Lr	P/R
<b>MEDICAL SURGICAL NURSING – CARDIO VASCULAR AND THORACIC NURSING</b>		T/L		L	S/LR	
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab						
<b>OBJECTIVES</b>						
<ul style="list-style-type: none"> <li>To assist students in developing expertise and indepth understanding in the field of cardiovascular and thoracic nursing.</li> <li>To develop advanced skills for nursing intervention in various cardio medical and surgical conditions.</li> <li>Enable the student to function as cardio vascular and thoracic nurse practitioner/ specialist.</li> <li>Enable the student to function as educator, manager and research in the field of cardio vascular and thoracic nursing.</li> </ul>						
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to						
CO1	Appreciate trends and issues related to cardio vascular and thoracic Nursing.					
CO2	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardio vascular and thoracic conditions					
CO3	Participate in national health programs for health promotion prevention and rehabilitation of patients with cardio vascular and thoracic conditions					
CO4	Perform physical, psychosocial and spiritual assessment					
CO5	Assist in various diagnostic, therapeutic and surgical procedures					
CO6	Apply nursing process in providing comprehensive care to patients with cardio vascular and thoracic conditions					
CO7	Demonstrate advance skills / competence in managing patients with cardio vascular and thoracic conditions including Advance Cardiac Life Support					
CO8	Describe the various drugs used in cardio vascular and thoracic conditions and nurses responsibility.					
CO9	Demonstrate skill in handling various equipments / gadgets used for critical care of cardio vascular and thoracic patients					
CO10	Appreciate team work & co-ordinate activities related to patient care.					
CO11	Practice infection control measures					
CO12	Identify emergencies and complications and take appropriate measures					
CO13	Discuss the legal and ethical issues in cardio vascular and thoracic nursing					
CO14	Assist patient and their family to cope with emotional distress, grief anxiety and spiritual needs					
CO15	Appreciate the role of alternative system of medicine in care of patient					
CO16	Incorporate evidence based nursing practice and identify the areas of research in the field of cardio vascular and thoracic nursing.					
CO17	Identify the sources of stress and manage burnout syndrome among health care providers.					
CO18	Teach and supervise nurses and allied health workers.					
CO19	Design a layout of ICCU and ICTU and develop standards for cardio vascular and thoracic nursing practice.					
COs/PO	PO1	PO2	PO3	PO4	P	PO6 PO7 PO PO9 PO10 PO1 PO12 PO13



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s	5				8				1				
CO1	3	2	2	2	3	2	2	3	2	2	2	3	2
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO3	2	2	2	3	2	2	2	2	2	2	3	2	2
CO4	3	3	3	3	3	3	3	3	3	3	3	3	3
CO5	2	3	2	3	2	3	2	3	2	3	2	3	2
CO6	3	2	2	2	3	2	2	2	3	2	2	2	3
CO7	3	3	3	3	3	3	3	3	3	3	3	3	3
CO8	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	3	2	2	2	3	2	2	3	2	2	2	3	2
CO10	3	3	3	3	3	3	3	3	3	3	3	3	3
CO11	2	2	2	3	2	2	2	2	2	2	3	2	2
CO12	3	3	3	3	3	3	3	3	3	3	3	3	3
CO13	2	3	2	3	2	3	2	3	2	3	2	3	2
CO14	3	2	2	2	3	2	2	2	3	2	2	2	3
CO15	3	3	3	3	3	3	3	3	3	3	3	3	3
CO16	3	3	3	3	3	3	3	3	3	3	3	3	3
CO17	3	2	2	2	3	2	2	3	2	2	2	3	2
CO18	3	3	3	3	3	3	3	3	3	3	3	3	3
CO19	2	2	2	3	2	2	2	2	2	2	3	2	2
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
CO1	3			2			2			2			
CO2	3			3			3			3			
CO3	2			2			2			3			
CO4	3			2			2			2			
CO5	3			3			3			3			
CO6	2			2			2			3			
CO7	3			2			2			2			
CO8	3			3			3			3			
CO9	2			2			2			3			
CO10	3			2			2			2			
CO11	3			3			3			3			
CO12	2			2			2			3			
CO13	3			2			2			2			
CO14	3			3			3			3			
CO15	2			2			2			3			
CO16	3			2			2			2			
CO17	3			3			3			3			

CO18	3	2	2	2					
CO19	3	3	3	3					
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>									
Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
		✓	✓	✓			✓		

SUBJECT NAME: <b>MEDICAL SURGICAL NURSING – ONCOLOGY NURSING</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/R</b>
	T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To assist students in developing expertise and in-depth understanding in the field of oncology Nursing.
- To develop advanced skills for nursing intervention in various oncological conditions.
- Enable the student to function as oncology nurse practitioner/specialist and provide quality care.
- Enable the student to function as educator, manager, and researcher in the field of oncology nursing

**COURSE OUTCOMES (COs)** Students completing this course were able to

<b>CO1</b>	Explain the prevention, screening and early detection of cancer.												
<b>CO2</b>	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems.												
<b>CO3</b>	Describe the psychological effects of cancer on patients and families.												
<b>CO4</b>	Demonstrate skill in administrating/ assisting in various treatment modalities used for patients with cancer.												
<b>CO5</b>	Apply nursing process in providing holistic care to patients with cancer.												
<b>CO6</b>	Apply specific concepts on pain Management.												
<b>CO7</b>	Appreciate the care of death and dying patients and value of bereavement support.												
<b>CO8</b>	Describe the philosophy, concept and various dimensions of palliative care.												
<b>CO9</b>	Appreciate the role of alternative systems of medicine in care of cancer patients.												
<b>CO10</b>	Appreciate the legal & ethical issues relevant to oncology nursing												
<b>CO11</b>	Recognize and manage Oncological emergencies.												
<b>CO12</b>	Counsel the patients with cancer and their families.												
<b>CO13</b>	Incorporate evidence based nursing practice and identify the areas of research in the field of oncology nursing.												
<b>CO14</b>	Recognize the role of oncology nurse practitioner as a member of oncology item.												
<b>CO15</b>	Collaborate with other agencies and utilize resources in caring for cancer patients.												
<b>CO16</b>	Teach and supervise nurses and allied health workers.												
<b>CO17</b>	Design a layout and develop standards for management of oncology units/hospitals and nursing care.												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
<b>CO1</b>	3	2	2	2	3	2	2	3	2	2	2	3	2
<b>CO2</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO3</b>	2	2	2	3	2	2	2	2	2	2	3	2	2
<b>CO4</b>	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>CO5</b>	2	3	2	3	2	3	2	3	2	3	2	3	2
<b>CO6</b>	3	2	2	2	3	2	2	2	3	2	2	2	3
<b>CO7</b>	3	3	3	3	3	3	3	3	3	3	3	3	3

CO8	3	3	3	3	3	3	3	3	3	3	3	3	3	
CO9	3	2	2	2	3	2	2	3	2	2	2	3	2	
CO10	3	3	3	3	3	3	3	3	3	3	3	3	3	
CO11	2	2	2	3	2	2	2	2	2	2	3	2	2	
CO12	3	3	3	3	3	3	3	3	3	3	3	3	3	
CO13	2	3	2	3	2	3	2	3	2	3	2	3	2	
CO14	3	2	2	2	3	2	2	2	3	2	2	2	3	
CO15	3	3	3	3	3	3	3	3	3	3	3	3	3	
CO16	3	3	3	3	3	3	3	3	3	3	3	3	3	
CO17	3	2	2	2	3	2	2	3	2	2	2	3	2	
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>				
CO1	3			2			2			2				
CO2	3			3			3			3				
CO3	2			2			2			3				
CO4	3			2			2			2				
CO5	3			3			3			3				
CO6	2			2			2			3				
CO7	3			2			2			2				
CO8	3			3			3			3				
CO9	2			2			2			3				
CO10	3			2			2			2				
CO11	3			3			3			3				
CO12	2			2			2			3				
CO13	3			2			2			2				
CO14	3			3			3			3				
CO15	2			2			2			3				
CO16	3			2			2			2				
CO17	3			3			3			3				
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>														
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health Science</b>	<b>Humanities and Social Sciences</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>optional Electives</b>	<b>Practical / Project</b>	<b>Internships / Technical Skill</b>						<b>Soft Skills</b>
		✓	✓	✓			✓							

SUBJECT NAME: <b>OBSTETRICS AND GYNAECOLOGICAL NURSING</b>	<b>T / L/ ETL</b>	<b>L</b>	<b>T / S.Lr</b>	<b>P/R</b>
	T/L	L	S/LR	

L : Lecture T: Tutorial SLr : Supervised Learning P : Project R :  
 Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab

**OBJECTIVES**

- To assist the student in developing expertise and in-depth understanding in the field of obstetric and gynecological Nursing.
- To develop advance-nursing skill for nursing interventions in various obstetrical and gynecological conditions.
- To functions as midwifery nurse practitioner / specialist, educator, manager and researcher in the field of obstetric and gynecological nursing.

**COURSE OUTCOMES (COs) Students completing this course were able to**

<b>CO1</b>	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynecological conditions													
<b>CO2</b>	Perform physical, psychological, cultural and spiritual assessment													
<b>CO3</b>	Demonstrate competence in caring for women with obstetrical and gynecological conditions													
<b>CO4</b>	Demonstrate competence in caring for high risk new-born													
<b>CO5</b>	Identify and manage obstetrical and neonatal emergencies as per protocol													
<b>CO6</b>	Practice infection control measures													
<b>CO7</b>	Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynecological and neonatal care													
<b>CO8</b>	Demonstrate skill in handling various equipments / gadgets used for obstetrical, gynecological and neonatal care													
<b>CO9</b>	Teach and supervise nurses and allied health workers													
<b>CO10</b>	Design a layout of specialty units of obstetrics and gynecology.													
<b>CO11</b>	Develop standards for obstetrical and gynecological nursing practice.													
<b>CO12</b>	Counsel women and families.													
<b>CO13</b>	Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrical and gynecological nursing													
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P5</b>	<b>PO6</b>	<b>PO7</b>	<b>P08</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>	
<b>CO1</b>	3	2	2	2	3	2	2	3	2	2	2	3	2	
<b>CO2</b>	3	3	3	3	3	3	3	3	3	3	3	3	3	
<b>CO3</b>	2	2	2	3	2	2	2	2	2	2	3	2	2	
<b>CO4</b>	3	3	3	3	3	3	3	3	3	3	3	3	3	
<b>CO5</b>	2	3	2	3	2	3	2	3	2	3	2	3	2	
<b>CO6</b>	3	2	2	2	3	2	2	2	3	2	2	2	3	
<b>CO7</b>	3	3	3	3	3	3	3	3	3	3	3	3	3	
<b>CO8</b>	3	2	2	2	3	2	2	3	2	2	2	3	2	
<b>CO9</b>	3	3	3	3	3	3	3	3	3	3	3	3	3	

CO10	3	2	2	2	3	2	2	3	2	2	2	3	2
CO11	3	3	3	3	3	3	3	3	3	3	3	3	3
CO12	2	2	2	3	2	2	2	2	2	2	3	2	2
CO13	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			
CO1	3			2			2			2			
CO2	3			3			3			3			
CO3	2			2			2			3			
CO4	3			3			3			3			
CO5	2			3			2			3			
CO6	3			2			2			2			
CO7	3			3			3			3			
CO8	3			2			2			2			
CO9	3			3			3			3			
CO10	2			2			2			3			
CO11	3			3			3			3			
CO12	2			3			2			3			
CO13	3			2			2			2			
<b>3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low</b>													
<b>Category</b>	<b>Basic Sciences</b>	<b>Medical and Allied Health Science</b>	<b>Humanities and Social Sciences</b>	<b>Program Core</b>	<b>Mandatory Electives</b>	<b>optional Electives</b>	<b>Practical / Project</b>	<b>Internships / Technical Skill</b>					<b>Soft Skills</b>
		✓	✓	✓			✓						

SUBJECT NAME: <b>MENTAL(PSYCHIATRIC) HEALTH NURSING</b>		T / L/ ETL		L	T / S.Lr	P/R							
		T/L		L	S/LR								
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To assist the student in developing expertise and in-depth understanding in the field of obstetric and gynecological Nursing.</li> <li>To develop advance-nursing skill for nursing interventions in various obstetrical and gynecological conditions.</li> <li>To functions as midwifery nurse practitioner / specialist, educator, manager and researcher in the field of obstetric and gynecological nursing.</li> </ul>													
<b>COURSE OUTCOMES (COs) Students completing this course were able to</b>													
CO1	Apply the nursing process in the care of mentally ill patients in hospital and community.												
CO2	Demonstrate advanced skills/competence in nursing management of patients with mental illness.												
CO3	Recognize and manage emergencies in children												
CO4	Providing nursing care to critically ill children												
CO5	Utilize the recent technology and various treatment modalities in the management of high risk children												
CO6	Identify and manage psychiatric emergencies.												
CO7	Demonstrate skills in carrying out crisis intervention												
CO8	Appreciate the legal and ethical issues pertaining to psychiatric nursing.												
CO9	Identify areas of research in the field of psychiatric nursing.												
CO10	Prepare a design layout and describe standards for management of psychiatric units/hospitals.												
CO11	Teach psychiatric nursing to undergraduate students & in-service nurses												
<b>COs/POs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>P5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PO13</b>
CO1	3	2	3	3	3	2	3	3	2	2	2	3	2
CO2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO3	2	2	2	3	2	2	2	3	2	2	3	3	3
CO4	3	2	2	3	3	2	2	3	2	2	2	3	3
CO5	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	3	2	2	3	2	2	2	3	2	2	3	3	3
CO7	3	2	3	3	3	2	2	3	2	2	2	3	3
CO8	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	3	3	3	3	2	2	3	2	2	2	3	2	2
CO10	3	2	3	3	3	2	3	3	2	2	2	3	2
CO11	3	2	3	3	3	2	3	3	2	2	2	3	2
<b>COs/PSOs</b>	<b>PSO 1</b>			<b>PSO 2</b>			<b>PSO 3</b>			<b>PSO 4</b>			



Committed to developing "Conscientious, Confident & Caring quality nursing professionals"  
 MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S

**Smt. Bakul Tambat Institute of Nursing Education**

(Affiliated to MSBNPE, MNC, MUHS & INC, NAAC Accredited) 'A' Grade



<b>CO1</b>	3	2	2	2
<b>CO2</b>	3	2	3	3
<b>CO3</b>	3	3	3	3
<b>CO4</b>	2	2	2	3
<b>CO5</b>	3	2	2	3
<b>CO6</b>	3	3	3	3
<b>CO7</b>	3	2	2	3
<b>CO8</b>	3	2	3	3
<b>CO9</b>	3	3	3	3
<b>CO10</b>	3	3	3	3
<b>CO11</b>	3	2	3	3

**3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low**

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
			✓	✓	✓			✓	



SUBJECT NAME: NURSING MANAGEMENT		T / L/ ETL			L	T / S.Lr	P/R						
		T/L						L	S/LR				
L : Lecture T: Tutorial SLr : Supervised Learning P : Project R : Research C:Credits T/L/ETL : Theory/Lab/Embedded Theory Lab													
<b>OBJECTIVES</b>													
<ul style="list-style-type: none"> <li>To assist students to develop a broad understanding of Principles, concepts, trends and issues related to nursing management.</li> <li>Provide opportunity to students to understand, appreciate and acquire skills in planning, supervision and management of nursing services at different levels to provide quality nursing service.</li> </ul>													
<b>COURSE OUTCOMES (COs)</b> Students completing this course were able to													
CO1	Describe the philosophy and objective of the health care institutions at various levels.												
CO2	Identify trends and issues in nursing.												
CO3	Discuss the public administration, health care administration and nursing administration.												
CO4	Describe the principles of administration applied to nursing.												
CO5	Explain the organization of health and nursing services at the various levels / institutions.												
CO6	Collaborate and co-ordinate with various agencies by using multispectral approach.												
CO7	Discuss the planning, supervision and management of nursing workforce for various health care settings.												
CO8	Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care												
CO9	Identify and analyse legal and ethical issues in nursing administration												
CO10	Describe the process of quality assurance in nursing services.												
CO11	Demonstrate leadership in nursing at various levels.												
COs/POs	PO1	PO2	PO3	PO4	P5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
CO1	3	2	2	2	3	2	2	3	2	2	2	3	2
CO2	3	1	3	3	3	3	3	3	3	3	3	3	3
CO3	2	2	2	3	2	2	2	2	2	2	3	2	2
CO4	3	2	2	2	1	2	2	2	1	2	2	1	2
CO5	3	1	2	3	2	1	1	1	2	3	1	2	1
CO6	3	2	2	2	2	2	2	2	2	2	2	2	2
CO7	2	2	2	2	1	2	2	2	1	2	2	1	2
CO8	3	1	2	3	2	3	1	1	2	3	3	2	3
CO9	3	2	1	2	1	2	2	2	1	2	2	1	2
CO10	3	2	2	2	2	2	2	2	2	2	2	2	2
CO11	2	2	1	3	2	3	3	3	2	3	3	2	1
COs/PSOs	PSO 1			PSO 2			PSO 3			PSO 4			
CO1	3			2			2			2			



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## Smt. Bakul Tambat Institute of Nursing Education

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C02	3	3	3	3
C03	2	2	2	3
C04	2	2	2	1
C05	1	2	3	2
C06	2	1	2	1
C07	2	2	2	2
C08	2	1	3	2
C09	2	2	2	1
CO10	1	2	3	2
CO11	2	1	2	1

3/2/1 Indicates Strength of Correlation, 3 – High, 2- Medium, 1- Low

Category	Basic Sciences	Medical and Allied Health Science	Humanities and Social Sciences	Program Core	Mandatory Electives	optional Electives	Practical / Project	Internships / Technical Skill	Soft Skills
		✓	✓	✓			✓		



  
PRINCIPAL  
MKSSS's Smt. Bakul Tambat  
Institute of Nursing Education  
Karvenagar, Pune-411 052.