



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

2.6.1 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. •

**Course outcome for all courses
2023-2024**

COURSE OUTCOME
Semester I-VIII B.Sc. Nursing

Sr. No.	Course name with code	CO No.	Course Outcome
SEMESTER -I B.Sc. NURSING			
1.	Communicative English ENGL 101	CO1	Identify the significance of Communicative English for healthcare professionals.
		CO2	Apply the concepts and principles of English Language use in professional development such as pronunciation, vocabulary, grammar, paraphrasing, voice modulation, Spelling, pause and silence.
		CO3	Demonstrate attentive listening in different hypothetical situations.
		CO4	Converse effectively, appropriately and timely within the given context and the individual or team they are communicating with either face to face or by other means.
		CO5	Read, interpret and comprehend content in text, flow sheet, framework, figures, tables, reports, anecdotes etc.
		CO6	Analyze the situation and apply critical thinking strategies.
		CO7	Enhance expressions through writing skills.
		CO8	Apply LSRW (Listening, Speaking, Reading and Writing) Skill in combination to learn, teach, educate and share information, ideas and results.
2.	Applied Anatomy ANAT 105	CO1	Describe anatomical terms.
		CO2	Explain the general and microscopic structure of each system of the body.
		CO3	Identify relative positions of the major body organs as well as their general anatomic locations.
		CO4	Explore the effect of alterations in structure.
		CO5	Apply knowledge of anatomic structures to analyze clinical situations and therapeutic applications
3.	Applied	CO1	Develop understanding of the normal functioning of various organ systems of the body.



	Physiology PHYS 110	CO2 CO3 CO4	Identify the relative contribution of each organ system towards maintenance of homeostasis. Describe the effect of alterations in functions. Apply knowledge of physiological basis to analyze clinical situations and therapeutic applications
4.	Applied Sociology SOCI 115	CO1 CO2 CO3 CO4 CO5 CO6 CO7	Identify the scope and significance of sociology in nursing. Apply the knowledge of social structure and different culture in a society in identifying social needs of sick clients. Identify the impact of culture on health and illness. Develop understanding about types of family, marriage and its legislation. Identify different types of caste, class, social change and its influence on health and health practices. Develop understanding about social organization and disorganization and social problems in India. Integrate the knowledge of clinical sociology and its uses in crisis intervention.
5.	Applied Psychology PSYC 120	CO1 CO2 CO3 CO4 CO5 CO6 CO7	Identify the importance of psychology in individual and professional life. Develop understanding of the biological and psychological basis of human behaviour. Identify the role of nurse in promoting mental health and dealing with altered personality. Perform the role of nurses applicable to the psychology of different age groups. Identify the cognitive and affective needs of clients. Integrate the principles of motivation and emotion in performing the role of nurse in caring for emotionally sick client. Demonstrate basic understanding of psychological assessment and nurse role



		CO8	Apply the knowledge of soft skills in workplace and society.
		CO9	Apply the knowledge of self-empowerment in workplace, society and personal life.
6.	Nursing Foundation I including First Aid module N-NF (I) 125	CO1	Develop understanding about the concept of health, illness and scope of nursing within health care services.
		CO2	Apply values, code of ethics and professional conduct in professional life.
		CO3	Apply the principles and methods of effective communication in establishing communication links with patients, families and other health team members.
		CO4	Develop skill in recording and reporting.
		CO5	Demonstrate competency in monitoring and documenting vital signs.
		CO6	Describe the fundamental principles and techniques of infection control and biomedical waste management.
		CO7	Identify and meet the comfort needs of the patients.
		CO8	Perform admission, transfer, and discharge of a patient under supervision applying the knowledge.
		CO9	Demonstrate understanding and application of knowledge in caring for patients with restricted mobility.
		CO10	Perform first aid measures during emergencies.
		CO11	Identify the educational needs of patients and demonstrate basic skills of patient education




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Sr. No.	Course Name with code	CO No.	Course Outcome
SEMESTER -II BSC NURSING			
1.	Applied Biochemistry BIOC 135	CO1	Describe the metabolism of carbohydrates and its alterations.
		CO2	Explain the metabolism of lipids and its alterations.
		CO3	Explain the metabolism of proteins and amino acids and its alterations.
		CO4	Explain clinical enzymology in various disease conditions.
		CO5	Explain acid base balance, imbalance and its clinical significance.
		CO6	Describe the metabolism of hemoglobin and its clinical significance.
		CO7	Explain different function tests and interpret the findings.
		CO8	Illustrate the immunochemistry
2	Applied Nutrition and Dietetics NUTR 140	CO1	Identify the importance of nutrition in health and wellness.
		CO2	Apply nutrient and dietary modifications in caring patients.
		CO3	Explain the principles and practices of Nutrition and Dietetics.
		CO4	Identify nutritional needs of different age groups and plan a balanced diet for them.
		CO5	Identify the dietary principles for different diseases.
		CO6	Plan therapeutic diet for patients suffering from various disease conditions.
		CO7	Prepare meals using different methods and cookery rules.
3.	Nursing Foundation - II (including Health Assessment Module) N-NF (II) 125	CO1	Develop understanding about fundamentals of health assessment and perform health assessment in supervised clinical
		CO2	Demonstrate fundamental skills of assessment, planning, implementation and evaluation of nursing care using Nursing process approach in supervised clinical settings

		CO3	Assess the Nutritional needs of patients and provide relevant care under supervision.
		CO4	Identify and meet the hygienic needs of patients
		CO5	Identify and meet the elimination needs of patient
		CO6	Interpret findings of specimen testing applying the knowledge of normal values
		CO7	Promote oxygenation based on identified oxygenation needs of patients under supervision
		CO8	Review the concept of fluid, electrolyte balance integrating the knowledge of applied physiology
		CO9	Apply the knowledge of the principles, routes, effects of administration of medications in administering medication
		CO10	Calculate conversions of drugs and dosages within and between systems of measurements
		CO11	Demonstrate knowledge and understanding in caring for patients with altered functioning of sense organs and unconsciousness
		CO12	Explain loss, death and grief
		CO13	Describe sexual development and sexuality
		CO14	Identify stressors and stress adaptation modes
		CO15	Integrate the knowledge of culture and cultural differences in meeting the spiritual needs
		CO16	Explain the introductory concepts relevant to models of health and illness in patient care
4.	Health/ Nursing Informatics and Technology	CO1	Develop a basic understanding of computer application in patient care and nursing practice.
		CO2	Apply the knowledge of computer and information technology in



	HNIT 145	CO3	patient care and nursing education, practice, administration and research.
		CO4	Describe the principles of health informatics and its use in developing efficient healthcare.
		CO5	Demonstrate the use of information system in healthcare for patient care and utilization of nursing data.
		CO6	Demonstrate the knowledge of using Electronic Health Records (EHR) system in clinical practice.
		CO7	Apply the knowledge of interoperability standards in clinical setting.
		CO8	Apply the knowledge of information and communication technology in public health promotion.
		CO9	Utilize the functionalities of Nursing Information System (NIS) system in nursing.
		CO10	Demonstrate the skills of using data in management of health care.
		CO11	Apply the knowledge of the principles of digital ethical and legal issues in clinical practice.
		CO12	Utilize evidence-based practices in informatics and technology for providing quality patient care.
			Update and utilize evidence-based practices in nursing education, administration, and practice.




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Sr. No.	Course Name with code	CO No.	Course Outcome
SEMESTER -III B.Sc. NURSING			
1.	Section A: Applied Microbiology MICR 201	CO1	Identify the equity and diversity of microorganisms in the human body and the environment.
		CO2	Classify and explain the morphology and growth of microbes.
		CO3	Identify various types of microorganisms.
		CO4	Explore mechanisms by which microorganism may cause disease.
		CO5	Develop understanding of how the human immune system counteracts infection by specific and non-specific mechanisms.
		CO6	Apply the principles of preparation and use of vaccines in immunization.
		CO7	Identify the contribution of the microbiologist and the microbiology laboratory to the diagnosis of infection.
2.	Section B: Infection Control & Safety ICS 202	CO1	Develop knowledge and understanding of Hospital acquired Infections (HAI) and effective practices for prevention.
		CO2	Integrate the knowledge of isolation (Barrier and reverse barrier) techniques in implementing various precautions.
		CO3	Demonstrate and practice steps in Hand washing and appropriate use of different types of PPE.
		CO 4	Illustrate various disinfection and sterilization methods and techniques.
		CO5	Demonstrate knowledge and skill in specimen collection, handling and transport to optimize the diagnosis for treatment.
		CO6	Incorporate the principles and guidelines of Bio Medical waste management.
		CO7	Apply the principles of Antibiotic stewardship in performing the nurses' role.
		CO8	Identify patient safety indicators and perform the role of nurse in the patient safety audit process.
		CO9	Apply the knowledge of International Patient Safety Goals (IPSG) in the patient care settings.



		CO 10	Identify employee safety indicators and risk of occupational hazards.
		CO11	Develop understanding of the various safety protocols and adhere to those protocols.
3.	Pharmacology- I PHAR (I) 205	CO1	Describe pharmacodynamics and pharmacokinetics.
		CO2	Review the principles of drug calculation and administration.
		CO 3	Explain the commonly used antiseptics and disinfectants.
		CO 4	Describe the pharmacology of drugs acting on the GI system.
		CO5	Describe the pharmacology of drugs acting on the respiratory system.
		CO6	Describe drugs used in the treatment of cardiovascular and blood disorders.
		CO7	Explain the drugs used in the treatment of endocrine system disorders.
		CO8	Describe the drugs acting on skin and drugs used to treat communicable diseases.
4.	Pathology -I PHTH (I) 210	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 tests.
		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.



5. Adult health nursing-I with integrated pathophysiology (including BCLS module) N-AHN (I) 215	CO1	Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of common medical and surgical disorders.
	CO2	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.
	CO3	Identify nursing diagnoses, list them according to priority and formulate nursing care plan.
	CO4	Perform nursing procedures skillfully and apply scientific principles while giving comprehensive nursing care to patients.
	CO5	Integrate knowledge of pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.
	CO6	Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.
	CO7	Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.
	CO8	Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.
	CO9	Identify the drugs used in treating patients with medical surgical conditions.
	CO10	Plan and give relevant individual and group education on significant medical surgical topics.
	CO11	Maintain safe environment for patients and the health care personnel in the hospital.
	CO12	Integrate evidence-based information while giving nursing care to patients



Sr. No.	Course Name with code	CO No.	Course Outcome
SEMESTER -IV B.Sc. NURSING			
1.	Pharmacology-II including Fundamentals of prescribing module PHAR (II) 205	CO1	Explain the drugs used in the treatment of ear, nose, throat and eye disorders.
		CO2	Explain the drugs used in the treatment of urinary system disorders.
		CO3	Describe the drugs used in the treatment of nervous system disorders.
		CO4	Explain the drugs used for hormonal replacement and for the pregnant women during antenatal, intra natal and postnatal period.
		CO5	Explain the drugs used to treat emergency conditions and immune disorders.
		CO6	Discuss the role and responsibilities of nurses towards safe administration of drugs used to treat disorders of various systems with basic understanding of pharmacology.
		CO7	Demonstrate understanding about the drugs used in alternative system of medicine.
		CO8	Demonstrate understanding about the fundamental principles of prescribing
2.	Pathology-II and Genetics PATH (II) 210	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 tests.
		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.
3.	Adult Health Nursing-II	CO1	Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of selected common medical and

	<p>With Integrated Pathophysiology including Geriatric Nursing & Palliative Care Module</p> <p>N-AHN(II) 225</p>	<p>CO2</p> <p>CO3</p> <p>CO4</p> <p>CO5</p> <p>CO6</p> <p>CO7</p> <p>CO8</p> <p>CO9</p> <p>CO10</p> <p>CO11</p>	<p>surgical disorders.</p> <p>Perform complete health assessment to establish a database for providing quality patient care and integrate the knowledge of diagnostic tests in the process of data collection.</p> <p>Identify diagnoses, list them according to priority and formulate nursing care plan.</p> <p>Perform nursing procedures skillfully and apply scientific principles while giving comprehensive nursing care to patients.</p> <p>Integrate knowledge of anatomy, physiology, pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.</p> <p>Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.</p> <p>Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.</p> <p>Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.</p> <p>Identify the drugs used in treating patients with selected medical surgical conditions.</p> <p>Plan and provide relevant individual and group education on significant medical surgical topics.</p> <p>Maintain safe environment for patients and the health care personnel in the hospital.</p>
<p>4.</p>	<p>Professionalism Professional values & Ethics including bioethics</p> <p>PROF 230</p>	<p>CO1</p> <p>CO2</p> <p>CO3</p> <p>CO4</p> <p>CO5</p> <p>CO6</p> <p>CO7</p>	<p>Describe profession and professionalism.</p> <p>Identify the challenges of professionalism.</p> <p>Maintain respectful communication and relationship with other health team members, patients and society.</p> <p>Demonstrate professional conduct.</p> <p>Describe various regulatory bodies and professional organizations related to nursing.</p> <p>Discuss the importance of professional values in patient care.</p> <p>Explain the professional values and demonstrate appropriate professional values in nursing practice.</p>



		CO8	Demonstrate and reflect on the role and responsibilities in providing compassionate care in the health care setting.
		CO9	Demonstrate respect, human dignity and privacy and confidentiality to self, patients and their care givers and other health team members.
		CO10	Advocate for patients 'wellbeing, professional growth and advancing the profession.
		CO11	Identify ethical and bioethical concerns, issues and dilemmas in nursing and health care.
		CO12	Apply knowledge of ethics and bioethics in ethical decision making along with health team members.
		CO13	Protect and respect patient 's rights
SEMESTER -V B.Sc. NURSING			
1.	Child Health Nursing – I	CO1	Develop understanding of the history and modern concepts of child health and child-care.
	N- CHN (I) 301	CO2	Explore the national child welfare services, national programs and legislation in the light of National Health Policy 2017.
		CO3	Describe the role of preventive pediatrics and perform preventive measures towards accidents.
		CO 4	Participate in national immunization programs/Universal Immunization Program (UIP).
		CO5	Identify the developmental needs of children and provide parental guidance.
		CO 6	Describe the principles of child health nursing and perform child health nursing procedures.
		CO7	Demonstrate competencies in newborn assessment, planning and implementation of care to normal and high-risk newborn including neonatal resuscitation.
		CO 8	Apply the principles and strategies of Integrated management of neonatal and childhood illness (IMNCI).
		CO 9	Apply the knowledge of pathophysiology and provide nursing care to



			children with respiratory system disorders.
		CO 10	Identify and meet childhood emergencies and perform child CPR.
2	Mental Health Nursing – I N MHN (I) 305	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.
		CO 4	Apply the Indian Nursing Council practice standards for psychiatric mental health nursing in supervised clinical settings.
		CO5	Conduct mental health assessment.
		CO 6	Identify and maintain therapeutic communication and nurse patient relationship.
		CO7	Demonstrate knowledge of the various treatment modalities and therapies used in mental disorders.
		CO 8	Apply nursing process in delivering care to patients with mental disorders.
		CO 9	Provide nursing care to patients with schizophrenia and other psychotic disorders based on assessment findings and treatment/therapies used.
		CO 10	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.
3	Community Health Nursing - I including Environmental Science & Epidemiology N- COMH (I) 310	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
		CO 4	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
		CO 6	Discuss health care policies and regulations in India



		<p>CO7 Demonstrate understanding about an overview of environmental science, environmental health and sanitation</p> <p>CO 8 Demonstrate skill in nutritional assessment for different age groups in the community and provide appropriate nutritional counselling</p> <p>CO 9 Provide health education to individuals and families applying the principles and techniques of behavior change appropriate to community settings</p> <p>CO 10 Describe community health nursing approaches and concepts</p> <p>CO 11 Describe the role and responsibilities of community health nursing personnel</p> <p>CO 12 Utilize the knowledge and skills in providing comprehensive primary health care across the life span at various settings</p> <p>CO 13 Make effective home visits applying principles and methods used for home visiting</p> <p>CO 14 Use epidemiological approach in community diagnosis</p> <p>CO15 Utilize the knowledge of epidemiology, epidemiological approaches in caring for people with communicable and non-communicable diseases</p> <p>CO16 Investigate an epidemic of communicable diseases</p> <p>CO18 Assess, diagnose, manage and refer clients for various communicable and non-communicable diseases appropriately at the primary health care level</p> <p>CO19 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)</p>
4	Educational Technology/ Nursing Education	<p>CO1 Develop basic understanding of theoretical foundations and principles of teaching and learning</p> <p>CO2 Identify the latest approaches to education and learning</p> <p>CO3 Initiate self- assessment to identify one's own learning styles</p> <p>CO 4 Demonstrate understanding of various teaching styles that can be used, based on the learners' readiness and generational needs</p>



		CO5	Develop understanding of basics of curriculum planning, and organizing
		CO6	Analyze and use different teaching methods effectively that are relevant to student population and settings
		CO7	Make appropriate decisions in selection of teaching learning activities integrating basic principles
		CO 8	Utilize active learning strategies that enhance critical thinking, team learning and collaboration
		CO 9	Engage in team learning and collaboration through inter professional education
		CO 10	Integrate the principles of teaching and learning in selection and use of educational media/technology
		CO 11	Apply the principles of assessment in selection and use of assessment and evaluation strategies
		CO 12	Construct simple assessment tools/tests integrating cognitive, psychomotor and affective domains of learning that can measure knowledge and competence of students
		CO 13	Develop basic understanding of student guidance through mentoring and academic advising
		CO 14	Identify difficult situations, crisis and disciplinary/grievance issues experienced by students and provide appropriate counselling
		CO15	Engage in ethical practice in educational as well as clinical settings based on values, principles and ethical standards
		CO16	Develop basic understanding of evidence-based teaching practices
5.	Introduction to Forensic Nursing and Indian Laws	CO1	Identify forensic nursing as an emerging specialty in healthcare and nursing practice
	N- FORN 320	CO2	Explore the history and scope of forensic nursing practice



		CO3	Identify forensic team, role and responsibilities of forensic nurse in total care of victim of violence and in preservation of evidence
		CO4	Develop basic understanding of the Indian judicial system and legal procedures
SEMESTER -VI B.Sc. NURSING			
1.	Child Health Nursing – II N CHN (II) 301	CO1	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
		CO2	Provide care to children with common behavioural, social and psychiatric problems
		CO3	Manage challenged children
		CO4	Identify the social and welfare services for challenged children
2.	Mental Health Nursing – II N MHN (II) 305	CO1	Apply nursing process in providing care to patients with substance use disorders, and personality and sexual disorders.
		CO2	Apply nursing process in providing care to patients with behavioural and emotional disorders occurring during childhood and adolescence.
		CO3	Apply nursing process in providing care to patients with organic brain disorders.
		CO4	Identify and respond to psychiatric emergencies.
		CO5	Carry out crisis interventions during emergencies under supervision.
		CO6	Perform admission and discharge procedures as per MHCA 2017.
		CO7	Explore the roles and responsibilities of community mental health nurse in delivering community mental health services.
3.	Nursing Management and	CO1	Analyze the health care trends influencing development of nursing services



Leadership NMLE			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.
	CO 4		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.
	CO 8		Identify effective leadership styles and develop leadership competencies.
	CO 9		Utilize the knowledge of principles and line of control and participate in quality management and evaluation activities
	CO 10		Utilize the knowledge related to financial planning in nursing services and education during budgetary process.
	CO 11		Apply the knowledge of nursing informatics in maintenance of records and reports relevant to patient information, nursing care and progress.
	CO 12		Demonstrate understanding of the INC guidelines for establishment and accreditation of educational institutions in terms of faculty norms, physical infrastructure and clinical facilities.
	CO 13		Demonstrate beginning competencies in planning, organizing and staffing at college including implementation and evaluation of curriculum.
	CO 14		Identify the legal issues and laws relevant to nursing practice and education.



		CO15	Apply the knowledge and utilize the various opportunities for professional advancement
4.	Midwifery/ Obstetrics and Gynecology (OBG) Nursing - I including SBA module N- MIDW(I)/OBGN 335	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.
		CO 4	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.
		CO 8	Promote physiologic labour and birth, and conduct normal childbirth.
		CO 9	Provide evidence based essential newborn care.
		CO 10	Apply nursing process approach in caring for women and their families.
		CO 11	Describe the methods of contraception and role of nurse/midwife in family welfare services.
		CO 12	Recognize the importance of and actively participate in family welfare programs.



		CO 13	Provide youth friendly health services and care for women affected by gender based violence.
VII SEMESTER BSc Nursing			
1.	Community Health Nursing – II COMN (II) 401	CO1	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
		CO2	Provide maternal, newborn and child care, and reproductive health including adolescent care in the urban and rural health care settings
		CO3	Describe the methods of collection and interpretation of demographic data
		CO 4	Explain population control and its impact on the society and describe the approaches towards limiting family size
		CO5	Describe occupational health hazards, occupational diseases and the role of nurses in occupational health programs
		CO6	Identify health problems of older adults and provide primary care, counseling and supportive health services
		CO7	Participate in screening for mental health problems in the community and providing appropriate referral services
		CO 8	Discuss the methods of data collection for HMIS, analysis and interpretation of data
		CO 9	Discuss about effective management of health information in community diagnosis and intervention
		CO 10	Describe the management system of delivery of community health services in rural and urban areas
		CO 11	Describe the leadership role in guiding, supervising, and monitoring the

		<p>health services and the personnel at the PHCs, SCs and community level including financial management and maintenance of records & reports</p> <p>CO 12 Describe the roles and responsibilities of Mid-Level Health Care Providers (MHCPs) in Health Wellness Centers (HWCs)</p> <p>CO 13 Identify the roles and responsibilities of health team members and explain their job description</p> <p>CO 14 Demonstrate initiative in preparing themselves and the community for disaster preparedness and management</p> <p>CO15 Demonstrate skills in proper bio-medical waste management as per protocols</p> <p>CO16 Explain the roles and functions of various national and international health agencies</p>
2.	<p>Nursing Research And Statistics</p> <p>NRST (II) 405</p>	<p>CO1 Identify research priority areas</p> <p>CO2 Formulate research questions/problem statement/hypotheses</p> <p>CO3 Review related literature on selected research problem and prepare annotated bibliography</p> <p>CO 4 Prepare sample data collection tool</p> <p>CO5 Analyze and interpret the given data</p> <p>CO6 Practice computing, descriptive statistics and correlation</p> <p>CO7 Draw figures and types of graphs on given select data</p> <p>CO 8 Develop a research proposal</p> <p>CO 9 Plan and conduct a group/individual research project</p>
3.	<p>MIDWIFERY/OBSTETRIC AND GYNECOLOGY NURSING - II</p> <p>including Safe</p>	<p>CO1 Describe the assessment, initial management, referral and respectful maternity care of women with high risk pregnancy.</p> <p>CO2 Demonstrate competency in identifying deviation from normal pregnancy.</p>



Delivery App Module N- MIDW(I)/OBGN 410	CO3	Describe the assessment, initial management, referral and nursing care of women with high risk labour.
	CO 4	Assist in the conduction of abnormal vaginal deliveries and caesarean section.
	CO5	Describe the assessment, initial management, referral and nursing care of women with abnormal postnatal conditions.
	CO6	Demonstrate competency in the initial management of complications during the postnatal period.
	CO7	Demonstrate competency in providing care for high risk newborn.
	CO 8	Apply nursing process in caring for high risk women and their families.
	CO 9	Describe the assessment and management of women with gynecological disorders
	CO 10	Demonstrate skills in performing and assisting in specific gynecological procedures.
	CO 11	Describe the drugs used in obstetrics and gynecology
	CO 12	Counsel and care for couples with infertility.
	CO 13	Describe artificial reproductive technology




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COURSE OUTCOME
B.Sc. Nursing Program 2024-2025

Sr. No.	Course Name	CO No.	Course Outcome
4th year B.Sc. Nursing			
1.	Management of Nursing Service & Education	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.
2.	Midwifery and Obstetrical Nursing	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 labor.
		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.
3.	Community Health Nursing- II	CO1	Understand the concepts, scope, principles and historical development of community health and community health nursing.
		CO2	Appreciate the national health planning, police, and problems.
		CO3	Describe the system of delivery of community health services in rural and urban areas.
		CO4	Develop understanding about community health nursing approaches, concepts and roles and responsibilities of nursing personnel.
		CO5	Participate in assisting individuals and groups to promote and maintain their health.



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		CO6	Appreciate the national health and family welfare program and the role of the nurse
		CO7	Understand the health agencies at the international and national level




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COURSE OUTCOME
P.B.B.Sc. Nursing Program

Sr. No.	Course Name	CO No.	Course Outcome
First year P.B.B.Sc. NURSING			
1.	English	CO1	Ability to speak and write grammatically correct English
		CO2	Effective skill in reading and understanding the English language.
		CO3	Skill in reporting.
2.	Microbiology	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.
3.	Nutrition and Dietetics	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.
4.	Biochemistry	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.
5.	Biophysics	CO1	Understand the application of physics principles while providing nursing care to the patients.
6.	Psychology	CO1	Understanding herself and others
		CO2	Analyzing her own thought and behavior patterns



		<p>CO3 Using psychological principles to improve her efficiency in nursing care</p> <p>CO4 Applying psychological principles while performing nursing duties</p> <p>CO5 Distinguishing psychological processes during health and sickness</p> <p>CO6 Planning nursing care with regards to psychological needs and concerns</p> <p>CO7 Participating in psychological assessment of patients</p>
7.	Nursing Foundation	<p>CO1 Identify professional aspects of nursing</p> <p>CO2 Explain theories of nursing</p> <p>CO3 Identify ethical aspects of nursing profession</p> <p>CO4 Utilize steps of nursing process</p> <p>CO5 Identify the role of the nurse in various levels of health services</p> <p>CO6 Appreciate the significance or quality assurance in nursing.</p> <p>CO7 Explain current trends in health and nursing.</p>
8.	Medical Surgical Nursing	<p>CO1 Explain relevant Anatomy & Physiology of various systems of the body.</p> <p>CO2 Explain etiology, pathophysiology & manifestations of various disorders.</p> <p>CO3 Explain the actions, side-effects & nursing implications in administering drugs for various disorders.</p> <p>CO4 Discuss the recent advancement in the investigations, treatment & care of patients with Medical Surgical conditions.</p> <p>CO5 Develop skill in giving comprehensive nursing care to patients following the steps of nursing process.</p> <p>CO6 Assist the patients & their families in identifying & meeting their own health needs.</p> <p>CO7 Provide planned & incidental health education on various aspects related to disorder & relevant care.</p> <p>CO8 Appreciate the role of the nurse in the Medical Surgical health team.</p>
9.	Maternal Nursing	<p>CO1 Describe the physiology of pregnancy, labor, and puerperium. Manage normal pregnancy, labor and puerperium.</p> <p>CO2 Explain the physiology of lactation, and advice on management of breastfeeding.</p>



		CO3	Provide pre- and post-operative nursing care in obstetric conditions.
		CO4	Identify and manage high risk pregnancy including appropriate referrals.
		CO5	Propagate the concept and motivate acceptance of family planning methods.
		CO6	Teach, guide and supervise auxiliary midwifery personnel.
		CO7	Explain the modern concept of childcare and the principles of child health nursing.
10.	Child Health Nursing	CO1	Explain the modern concept of childcare and the principles of child health nursing.
		CO2	Describe the normal growth and development of children in various age groups.
		CO3	Explain the physiological response of the body to disease conditions in children.
		CO4	Identify the health needs and problems of neonates and children, plan and implement appropriate nursing interventions.
		CO5	Identify the various preventive, promotive and rehabilitative aspects of childcare and apply them in providing nursing care to children in the hospital and in the community.

COURSE OUTCOME
P.B.B.Sc. Nursing Program 2024-2025

Sr. No.	Course Name	CO No.	Course Outcome
Second year P.B.B.Sc. Nursing			
1.	Sociology	CO1	Skill in reporting describes 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.
2.	Community Health Nursing	CO1	Explain the concept of various factors contributing to the health of individual family and community.
		CO2	Explain and analyze health needs of individual family and community based on factors contributing to health and illness.



		<p>CO3 Describe national health care delivery system.</p> <p>CO4 Describes epidemiological methods and principles of prevention and control of illness in the community.</p> <p>CO5 Study implementation of national programmes and role of CHN in prevention and control of diseases.</p> <p>CO6 Identify the role of personnel working in the community health setup and appreciate the integrated approach to community health.</p> <p>CO7 Plan the work of community health nurse and supervise the health workers.</p> <p>CO8 Study concept of public health administration and role of nurse as manager and supervisor.</p>
3.	Mental Health Nursing	<p>CO1 Identify and describe the philosophy and principles of mental health nursing.</p> <p>CO2 Describe the historical development of mental health and psychiatric nursing.</p> <p>CO3 Classify mental disorders.</p> <p>CO4 Develop skills in history taking and performing mental status examinations in history.</p> <p>CO5 Describe etiological factors, psychopathology, clinical features, diagnostic criteria and treatment methods used for mental disorders.</p> <p>CO6 Manage patients with various mental disorders.</p> <p>CO7 Communicate therapeutically with patients and their families.</p> <p>CO8 Identify role of the nurse in preventive psychiatry.</p> <p>CO9 Identify the legal aspects in practice of mental health and psychiatric nursing.</p>
4.	Introduction to Nursing Education	<p>CO1 Describe the philosophy and principles of education.</p> <p>CO2 Describe the process of nursing curriculum development.</p> <p>CO3 Explain the teaching learning process.</p> <p>CO4 Develop the ability to teach, using various methods and media.</p> <p>CO5 Describe the process of assessment</p> <p>CO6 Describe the administrative aspects of school of nursing, college of</p>



		CO7	nursing Develop basic skills in counseling and guidance
		CO8	Participate in planning and organizing an in-service education program.
5.	Introduction to Nursing service administration	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.
6.	Introduction to Nursing research Statistics	CO1	Define the terms and concepts of nursing research.
		CO2	Identify the 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. Describe sample and sampling technique with special reference to survey method.
		CO6	Develop tool for data collection.
		CO7	Able to conduct pilot study to confirm reliability and validity of tool before data collection.
		CO8	To enumerate steps of data analysis and present data summary in tabular form.
		CO9	Use descriptive and co-relational statistics in data analysis.
		CO10	Conduct group project and write report.
		CO11	Use computer for research project.




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COURSE OUTCOME
M.Sc. Nursing Program

Sr. No.	Course Name	CO No.	Course Outcome
First year M.Sc. Nursing			
1.	Nursing Education	CO1	Explain the aims of education, philosophies, trends in education and health: its impact on nursing education.
		CO2	Describe the teaching learning process.
		CO3	Prepare and utilize various instructional media and methods in teaching learning process.
		CO4	Demonstrate competency in teaching, using various instructional strategies.
		CO5	Critically analyze the existing nursing educational programs, their problems, issues and future trends.
		CO6	Describe the process of curriculum development, the need and the methodology of curriculum changes, innovation and integration.
		CO7	Plan and conduct continuing nursing education programs.
		CO8	Critically analyze the existing teacher preparation programs in nursing.
		CO9	Demonstrate skill in guidance and counseling.
		CO10	Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.
		CO11	Explain the development of standards and accreditation process in nursing education programs.
		CO12	Identify research priorities in nursing education.
		CO13	Discuss various models of collaboration in nursing education and services.
		CO14	Explain the concept, principles, steps, tools and techniques of evaluation.
		CO15	Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude.
2.	Advanced Nursing Practice	CO1	Appreciate and analyze the development of nursing as a profession.
		CO2	Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.



		CO3	Explain bio- psycho- social dynamics of health, lifestyle and health care delivery system.
		CO4	Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
		CO5	Describe scope of nursing practice and nursing research..
		CO6	Provide holistic and competent nursing care following the nursing process approach.
		CO7	Identify latest trends in nursing and the basis of advanced nursing practice.
		CO8	Perform extended and expanded role of nurse.
		CO9	Describe alternative modalities of nursing care.
		CO10	Describe the concept of quality control in nursing.
		CO12	Use computers in patient care delivery systems and nursing practice.
		CO13	Appreciate importance of self-development and professional advance
3.	Nursing Research	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
4.	Statistics	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.
5.	Medical Surgical Nursing (Cardiovascular and Thoracic Nursing)	CO1	Appreciate trends and issues related to cardiovascular and thoracic Nursing.
		CO2	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardiovascular and thoracic conditions.
		CO3	Participate in national health programs for health promotion prevention and rehabilitation of patients with cardiovascular 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 cardiovascular and thoracic conditions.
		CO7	Demonstrate advanced skills / competence in managing patients with cardiovascular and thoracic conditions including Advance Cardiac Life Support.
		CO8	Describe the various drugs used in cardiovascular and thoracic conditions and nurses' responsibility.
		CO9	Demonstrate skill in handling various equipment / gadgets used for critical care of cardiovascular and thoracic patients.
		CO10	Appreciate teamwork & 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 cardiovascular 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 cardiovascular and thoracic nursing.
		CO17	Identify the sources of stress and manage burnout syndrome among health

		CO18	care providers.
		CO19	Teach and supervise nurses and allied health workers.
		CO19	Design a layout of ICCU and ICTU and develop standards for cardiovascular and thoracic nursing practice.
6.	Critical Care Nursing	CO1	Elicit trends and issues related to Critical Care Nursing.
		CO2	Describe the epidemiology, etiology, patho physiology 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 advanced 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 teamwork 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.

7.	Oncology nursing	CO1	Explain the prevention, screening and early detection of cancer.
		CO2	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems.
		CO3	Describe the psychological effects of cancer on patients and families.
		CO4	Demonstrate skill in administrating/ assisting in various treatment modalities used for patients with cancer.
		CO5	Apply nursing process in providing holistic care to patients with cancer.
		CO6	Apply specific concepts on pain management.
		CO7	Appreciate the care of death and dying patients and value of bereavement support.
		CO8	Describe the philosophy, concept and various dimensions of palliative care.
		CO9	Appreciate the role of alternative systems of medicine in the care of cancer patients.
		CO10	Appreciate the legal & ethical issues relevant to oncology nursing Recognize and manage Oncological emergencies.
		CO11	Counsel the patients with cancer and their families.
		CO12	Incorporate evidence- based nursing practice and identify the areas of research in the field of oncology nursing.
		CO13	Recognize the role of oncology nurse practitioner as a member of oncology item.
		CO14	Collaborate with other agencies and utilize resources in caring for cancer patients.
		CO15	Teach and supervise nurses and allied health workers.
		CO16	Design a layout and develop standards for management of oncology units/hospitals and nursing care.
8.	Mental Health Nursing	CO1	Appreciate the trends and issues in the field of psychiatric and psychiatric nursing.
		CO2	Explain the dynamics of personality development and human behaviour.
		CO3	Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing
		CO4	Demonstrate therapeutic communications skills in all interactions.



		<p>CO5 Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities.</p> <p>CO6 Establish and maintain therapeutic relationships with individuals and groups.</p> <p>CO7 Uses assertive technique in personal and professional actions.</p> <p>CO8 Promotes the self-esteem of clients, others and self.</p> <p>CO9 Apply the nursing process approach in caring for patients with mental disorders.</p> <p>CO10 Describe the psychopharmacological agents, their effects and nurse's role.</p> <p>CO11 Recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team.</p> <p>CO12 Describe various types of alternative systems of medicines used in psychiatric settings.</p> <p>CO13 Incorporate evidence-based nursing practice and identify the areas of research in the field of psychiatric nursing.</p>
9.	Obstetric and Gynecological Nursing	<p>CO1 Appreciate the trends in the field of midwifery, obstetrics and gynecology as a specialty.</p> <p>CO2 Describe the population dynamics and indicators of maternal and child health.</p> <p>CO3 Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.</p> <p>CO4 Provide comprehensive nursing care to women during reproductive period.</p> <p>CO5 Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynecological nursing.</p> <p>CO6 Identify and analyze the deviations from normal birth process and refer appropriately.</p> <p>CO7 Describe the pharmacological agents, their effects during pregnancy, childbirth, puerperium, lactation and the role of nurse.</p> <p>CO8 Counsel adolescents, women and families on issues pertaining to pregnancy, childbirth and lactation.</p> <p>CO9 Describe the role of various types of complementary and alternative therapies in obstetric and gynecological nursing.</p>



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		CO10	Incorporate evidence-based nursing practice and identify the areas of research in the field of obstetric and gynecological nursing.
		CO11	Describe the recent advancement in contraceptive technology and birth control measures.
		CO12	Appreciate the legal and ethical issues pertaining to obstetric and gynecological nursing.




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COURSE OUTCOME
M.Sc. Nursing Program

Sr. No.	Course Name	CO No.	Course Outcome
Second year M.Sc. Nursing			
1.	Nursing Management	CO1	Describe the philosophy and objective of health care institutions at various levels.
		CO2	Identify trends and issues in nursing.
		CO3	Discuss the public administration, health care administration vis a vis nursing administration.
		CO4	Describe the principles of administration applied to nursing.
		CO5	Explain the organization of health and nursing services at various levels / institutions.
		CO6	Collaborate and co-ordinate with various agencies by using a multi sectoral 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 analyze 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.
2.	Medical Surgical Nursing	CO1	Appreciate trends and issues related to cardiovascular and thoracic Nursing.
		CO2	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardiovascular and thoracic conditions.
		CO 3	Participate in national health programs for health promotion prevention and rehabilitation of patients with cardiovascular 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 cardiovascular and thoracic conditions.

	(Cardiovascular and Thoracic Nursing)	CO7	Demonstrate advanced skills / competence in managing patients with cardiovascular and thoracic conditions including Advance Cardiac Life Support.
		CO8	Describe the various drugs used in cardiovascular and thoracic conditions and nurses' responsibility.
		CO9	Demonstrate skill in handling various equipment / gadgets used for critical care of cardiovascular and thoracic patients.
		CO10	Appreciate teamwork & 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 cardiovascular and thoracic nursing.
		CO14	Assist patients and their family to cope with emotional distress, grief anxiety and spiritual needs.
		CO15	Appreciate the role of alternative systems 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 cardiovascular and thoracic nursing practice.
3.	Obstetric and Gynecological Nursing	CO1	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynecological conditions.
		CO2	Perform physical, psychological, cultural and spiritual assessment.

		<p>CO3 Demonstrate competence in caring for women with obstetrical and gynecological conditions.</p> <p>CO4 Demonstrate competence in caring for high-risk newborns.</p> <p>CO5 Identify and manage obstetrical and neonatal emergencies as per protocol.</p> <p>CO6 Practice infection control measures.</p> <p>CO7 Utilize recent technology and various diagnostic and therapeutic modalities in the management of obstetrical, gynecological and neonatal care.</p> <p>CO8 Demonstrate skill in handling various equipment / gadgets used for obstetrical, gynecological and neonatal care.</p> <p>CO9 Teach and supervise nurses and allied health workers.</p> <p>CO10 Design a layout of specialty units of obstetrics and gynecology.</p> <p>CO11 Develop standards for obstetrical and gynecological nursing practice Counsel women and families.</p> <p>CO12 Incorporate evidence-based nursing practice and identify the areas of research in the field of obstetrical and gynecological nursing.</p> <p>CO13 Function as independent midwifery nurse practitioner.</p>
4.	<p>Medical Surgical Nursing (Critical Care Nursing)</p>	<p>CO1 Elicit trends and issues related to Critical Care Nursing.</p> <p>CO2 Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients.</p> <p>CO3 Describe the various drugs used in critical care and the nurse's responsibility.</p> <p>CO4 Perform physical, psychosocial and spiritual assessment.</p> <p>CO5 Demonstrate advance skills/ competence in managing critically ill patients including Advance Cardiac Life Support.</p> <p>CO6 Demonstrate skills in handling various equipments/ gadgets used for critical care</p> <p>CO7 Apply nursing process in the care of critically ill patients.</p>

		CO8	Enhance teamwork and coordinate activities related to patient care.
		CO 9	Practice infection control measures.
		CO 10	Assess and manage pain.
		CO 11	Discuss the legal and ethical issues in critical care nursing.
		CO 12	Assist patients and their family to cope with emotional and spiritual distress and grief.
		CO 13	Assist in various diagnostic, therapeutic and surgical procedures
		CO 14	Incorporate evidence-based nursing practice and identify the areas of research in the field of critical care nursing.
		CO 15	Identify the sources of stress and manage burnout syndrome among health care providers.
		CO 16	Teach and supervise nurses and allied health workers.
		CO 17	Design a layout of ICU and develop standards for critical care nursing practice.
		CO 18	Identify complications and take appropriate measures.
5.	Medical Surgical Nursing (Oncology nursing)	CO1	Explain the prevention, screening and early detection of cancer.
		CO2	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems.
		CO3	Describe the psychological effects of cancer on patients and families.
		CO4	Demonstrate skill in administrating/ assisting in various treatment modalities used for patients with cancer.
		CO5	Apply nursing process in providing holistic care to patients with cancer.
		CO6	Apply specific concepts on pain Management.
		CO7	Appreciate the care of death and dying patients and value of bereavement support.
		CO8	Describe the philosophy, concept and various dimensions of palliative care.
		CO 9	Appreciate the role of alternative systems of medicine in care of cancer patient
		CO 10	Appreciate the legal & ethical issues relevant to oncology nursing



		CO11	Recognize and manage Oncological emergencies.
		CO12	Counsel the patients with cancer and their families.
		CO13	Incorporate evidence based nursing practice and identify the areas of research in the field of oncology nursing.
		CO14	Recognize the role of oncology nurse practitioner as a member of oncology item.
		CO15	Collaborate with other agencies and utilize resources in caring for cancer patients.
		CO16	Teach and supervise nurses and allied health workers.
		CO17	Design a layout and develop standards for management of oncology units/hospitals and nursing care.
6.	Mental Health Nursing	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.




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