

Program Outcomes (POs).

MSc Nursing

Name of the programme	POs	Description
MSc Nursing	PO 1	utilize/apply the concepts, theories and principles of nursing science
	PO 2	demonstrate advance competence in practice of nursing
	PO 3	practice as a nurse specialist.
	PO 4	demonstrate leadership qualities and function effectively as nurse educator and manager.
	PO 5	demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research
	PO 6	demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.
	PO 7	establish collaborative relationship with members of other disciplines
	PO 8	demonstrate interest in continued learning for personal and professional advancement

MSc Nursing I year

Name of the course	COs	Description
Advanced Nursing Practice	CO1	Analyze the development of nursing as a profession, ethical, legal, political and economic aspects of health care delivery and nursing practice
	CO2	Explain bio- psycho- social dynamics of health, life style, health care delivery system, extended and expanded role of nurse and alternative modalities of nursing care.
	CO3	Discuss concepts, principles, theories, models, approaches relevant to nursing and their application, latest trends in nursing and the basis of advance nursing practice.
	CO4	Describe scope of nursing practice, nursing research, holistic and competent nursing care following nursing process approach.
	CO5	Understanding the use computer in patient care delivery system and nursing practice and importance of self development and professional advancement.

Name of the course	COs	Description
Nursing Education	CO1	Explain aims, philosophies, trends, teaching learning process, in education and health
	CO2	Describe the process of curriculum development, problems and issues related to administration of Nursing Curriculum including selection and organization of clinical experience
	CO3	Demonstrate competency in teaching, using various instructional strategies, and skill in guidance and counseling.
	CO4	Critically analyze the existing nursing educational programs, their problems, issues and future trends, teacher preparation programs in Nursing
	CO5	Discuss various models of collaboration, construct, administer and evaluate various tools for assessment.

Name of the course	COs	Description
Nursing Research	CO1	Appreciate the concepts of research and use these concepts in conceptualizing a research
	CO2	Develop an understanding of the research methodology and conduct research systematically

& Biostatistics	CO3	Appreciate the concepts of statistics and biostatistics
	CO4	Apply appropriate statistical methods and software to analyze data
	CO5	Communicate research findings, critically analyze and utilize research findings

Name of the course	COs	Description
Medical Surgical Nursing- I	CO1	Appreciate the trends and issues in the field of Medical Surgical Nursing, apply concept and theories related to health promotion
	CO2	Perform physical, psychosocial assessment of Medical surgical patients
	CO3	Describe various recent technologies and treatment modalities in the management of critically ill patients
	CO4	Incorporate evidence based Nursing practice and identifies the areas of research in the field of Medical Surgical Nursing
	CO5	Integrate the concept of family centered Nursing care with associated disorder such as genetic, congenital and long term illness

Name of the course	COs	Description
Pediatric Nursing - I	CO1	Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty
	CO2	Apply the concepts of growth and development and nursing process in providing care to the pediatric clients and their families, appreciating the legal and ethical issues
	CO3	Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.
	CO4	Describe various recent technologies and treatment modalities in the management of high risk neonates in the neonatal intensive care units , recognizing and managing emergencies in neonates
	CO5	Incorporate evidence based nursing practice and identify the areas of research in the field of pediatric / neonatal nursing, recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team

Name of the course	COs	Description
Obstetric and Gynecological Nursing-I	CO1	Appreciate the trends, legal ethical issues in the field of midwifery, obstetrics and gynecology in nursing
	CO2	Describe the nursing care and physiological concepts of normal pregnancy, labour, puerperium and newborns
	CO3	Describe the pharmacological agents, their effects during pregnancy, labour, puerperium, lactation and the role of nurse

	CO4	Understanding the concept of demography, population dynamics and recent advancements in contraceptive and birth control measures
	CO5	Describe the comprehensive care to women during reproductive period

Name of the course	COs	Description
Mental health nursing-I	CO1	Describe trends and issues in psychotic nursing
	CO2	Describe the concepts of psychobiology, dynamics of personality, developmental changes in women and its implications to mental health
	CO3	Apply skills in assertive communication, self-esteem and stress management in promoting mental health
	CO4	Demonstrate skills in therapeutic communication and mental health assessment
	CO5	Explain the role of bio-psychosocial therapies and alternative systems of medicine in the management of mental disorders

Name of the course	COs	Description
Community Health Nursing -I	CO1	To appreciate the basic concepts of health, community health and community health nursing
	CO2	To develop competencies in caring special groups and managing emergencies
	CO3	To incorporate evidence based practice in management of population based health care problems and national health programs
	CO4	To appreciate the health care service organization at various levels
	CO5	To recognize importance of leadership, communication and technology in delivering community health nursing services

Msc II Year Nursing

Name of the course	COs	Description
Nursing Management	CO1	Describe the philosophy, objectives and organization of health and nursing services at various levels
	CO2	Describe the philosophy, principles, concepts and elements of management and nursing management
	CO3	Describe the process of human resource and material management
	CO4	Understanding the leadership in nursing at various levels
	CO5	Identify and analyze legal and ethical issues in nursing administration

Name of the course	COs	Description
	CO1	Describe the etiology, pathophysiology and diagnostic assessment of women during pregnancy, labour and puerperium

Obstetric and gynecological nursing-II	CO2	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with gynecological conditions
	CO3	Demonstrate competence in caring for high risk newborn
	CO4	Understanding the concept of recent technology, therapeutic modalities in the management of OBG and neonatal care
	CO5	Understanding the standards, administration and management of obstetrical and gynecological unit

Name of the course	COs	Description
Pediatric Nursing-II	CO1	Apply the nursing process in the care of ill infants to pre adolescents in hospital and community
	CO2	Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems
	CO3	Recognize and manage emergencies in children and provide nursing care to critically ill children
	CO4	Utilize the recent technology and various treatment modalities in the management of high risk children and identify areas of research in the field of pediatric nursing
	CO5	Prepare a design for layout and describe standards for management of pediatric units/hospitals

Name of the course	COs	Description
Psychiatric	CO1	Apply the principles, ethical and legal issues pertaining to psychiatric nursing in various settings including education, hospital and administration.
	CO2	Identify and manage special group population and emergencies related to mental health.

Nursing -II	CO3	Demonstrate competencies in managing patients with neurotic disorders.
	CO4	Apply advanced skills in managing mental disorders among children and elderly.
	CO5	Utilize various treatment modalities in the management of patients with psychotic disorders.

Name of the course	COs	Description
Community Health Nursing-II	CO1	To apply epidemiological concept and principles in conduct of research and community health nursing practice
	CO2	To demonstrate competencies in family centered care
	CO3	To develop competencies in providing services at diverse settings
	CO4	To recognize national and global health problems and participate in health and family welfare programs
	CO5	To apply the principles of management in education and practice

Name of the course	COs	Description
Medical surgical Nursing- II Sub specialty – Cardio vascular and thoracic nursing	CO1	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardio vascular and thoracic conditions
	CO2	Perform physical, psychosocial & spiritual assessment and assist in various diagnostic, therapeutic and surgical procedures
	CO3	Demonstrate advance skills/competence in handling various equipments/gadgets and in managing patients with cardio vascular and thoracic conditions including Advance Cardiac Life Support
	CO4	Understand the layout of ICCU and ICTU and develop standards for cardio vascular and thoracic nursing practice
	CO5	Apply nursing process in providing comprehensive care to patients with cardio vascular and thoracic conditions, identifying emergencies and complications & take appropriate measures

Name of the course	COs	Description
Medical surgical Nursing- II Sub specialty –	CO1	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critical conditions
	CO2	Perform physical, psychosocial & spiritual assessment and assist in various diagnostic, therapeutic and surgical procedures in critical care
	CO3	Demonstrate advance skills/competence in handling various equipments/gadgets in critical care and in managing patients with critically ill patients including Advance Cardiac Life Support

Critical care nursing	CO4	Understand the layout of CCU and develop standards for Critical care nursing
	CO5	Apply nursing process in providing comprehensive care to patients with critical conditions, identifying emergencies and complications & take appropriate measures

Name of the course	COs	Description
Medical surgical Nursing-II Sub specialty – Oncology nursing	CO1	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems
	CO2	Perform physical, psychosocial & spiritual assessment and assist in various diagnostic, therapeutic and surgical procedures in Oncology
	CO3	Demonstrate advance skills/competence in handling various equipments/gadgets in Oncology nursing care and in managing patients with Oncology including Advance Cardiac Life Support
	CO4	Understand the layout of oncology units/ and develop standards for oncological nursing practice
	CO5	Apply nursing process in providing comprehensive care and palliative care to patients with oncological disorders of various body systems, identifying emergencies and complications & take appropriate measures

Name of the course	COs	Description
Medical surgical nursing Sub specialty – Nephro-urology nursing	CO1	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of nephro urological conditions
	CO2	Perform physical, psychosocial & spiritual assessment and assist in various diagnostic, therapeutic, medical and surgical procedures in nephro urological care
	CO3	Demonstrate advance skills/competence in handling various equipments/gadgets in nephro-urology care and in managing patients with nephro urological condition including Advance Cardiac Life Support
	CO4	Understand the layout of kidney transplant unit and dialysis unit and develop standards for nephro urological nursing practice
	CO5	Apply nursing process in providing comprehensive care and palliative care to patients with nephro urological disorders of various body systems, identifying emergencies and complications & take appropriate measures

Name of the course	COs	Description
Medical surgical Nursing- II Sub specialty – Neuro Sciences Nursing	CO1	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of Neurological conditions
	CO2	Perform physical, psychosocial & spiritual assessment and assist in various diagnostic, therapeutic and surgical procedures
	CO3	Demonstrate advance skills/competence in handling various equipments/gadgets and in managing Neurological conditions including Advance Cardiac Life Support
	CO4	Understand the layout of Neuro ICU and develop standards for Neurological nursing
	CO5	Apply nursing process in providing comprehensive care to patients with neurological conditions, identifying emergencies and complications & take appropriate measures

Name of the course	COs	Description
Medical surgical nursing- II Sub specialty – Orthopaedic Nursing	CO1	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of Orthopedic conditions
	CO2	Perform physical, psychosocial & spiritual assessment and assist in various diagnostic, therapeutic and surgical procedures
	CO3	Demonstrate advance skills/competence in handling various equipments/gadgets and in managing Orthopedic conditions including Advance Cardiac Life Support
	CO4	Understand the layout of Orthopedic Unit and develop standards for Orthopedic nursing
	CO5	Apply nursing process in providing comprehensive care to patients with Orthopedic conditions, identifying emergencies and complications & take appropriate measures

Name of the course	COs	Description
Medical surgical	CO1	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of Gastroenterology conditions

nursing- II Sub specialty – Gastroenterology Nursing	CO2	Perform physical, psychosocial & spiritual assessment and assist in various diagnostic, therapeutic and surgical procedures
	CO3	Demonstrate advance skills/competence in handling various equipments/gadgets and in managing Gastroenterology conditions including Advance Cardiac Life Support
	CO4	Understand the layout of Gastroenterology ICU, Liver care/ Transplant unit and develop standards for Gastroenterology Nursing
	CO5	Apply nursing process in providing comprehensive care to patients with Gastroenterology conditions, identifying emergencies and complications & take appropriate measures