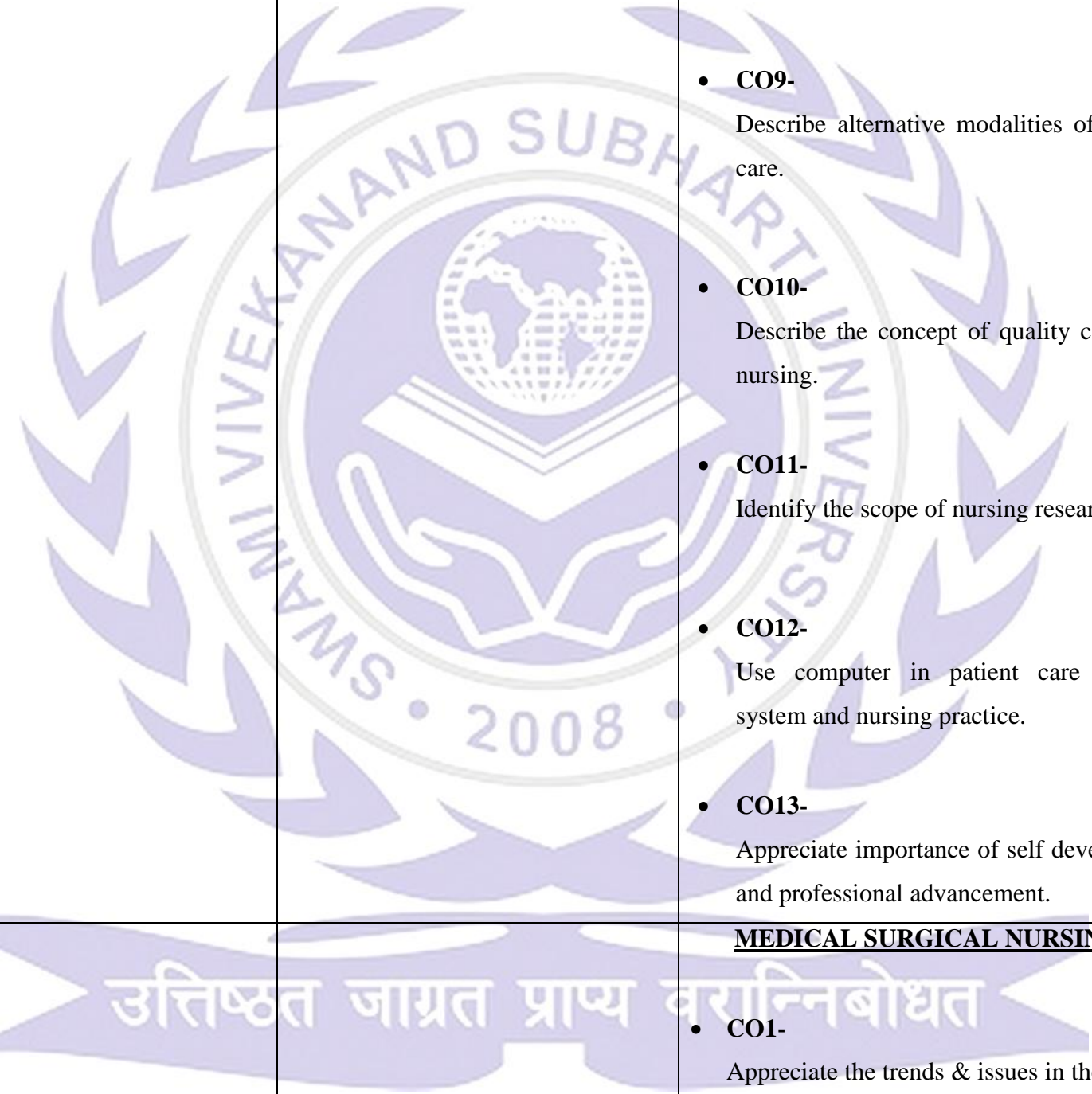


NAME OF THE PROGRAMME	PROGRAMME OUTCOME	COURSE NAME & OUTCOME
Masters of Science in Medical And Surgical Nursing	<p>PO1- Utilize/apply the concepts, theories and principles of nursing science</p> <p>PO2- Demonstrate advance competence in practice of nursing</p> <p>PO3- Practice as a nurse specialist.</p> <p>PO4- Demonstrate leadership qualities and function effectively as nurse educator and manager.</p> <p>PO5- Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research</p> <p>PO6- Demonstrate the ability to plan and effect change in nursing practice and</p>	<p><u>NURSING EDUCATION</u></p> <ul style="list-style-type: none"> • 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, and the need and methodology of curriculum change, innovation and integration.

	<p>in the health care delivery system.</p> <p>PO7-</p> <p>Establish collaborative relationship with members of other disciplines</p> <p>PO8-</p> <p>Demonstrate interest in continued learning for personal and professional advancement.</p>	<ul style="list-style-type: none"> • 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
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		<ul style="list-style-type: none"> • CO15- Construct, administer and evaluate various tools for assessment of knowledge, skill, and attitude. <p><u>ADVANCE NURSING PRACTICE</u></p> <ul style="list-style-type: none"> • 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, life style and health care delivery system. • CO4- Discuss concepts, principles, theories, models, approaches relevant to nursing and their application. • CO5- Describe scope of nursing practice. • CO6- Provide holistic and competent nursing care following nursing process approach. • CO7- Identify latest trends in nursing and the basis of advance nursing practice.
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		<ul style="list-style-type: none"> • CO8- Perform extended and expanded role of nurse. • CO9- Describe alternative modalities of nursing care. • CO10- Describe the concept of quality control in nursing. • CO11- Identify the scope of nursing research. • CO12- Use computer in patient care delivery system and nursing practice. • CO13- Appreciate importance of self development and professional advancement.
		<p><u>MEDICAL SURGICAL NURSING I</u></p> <ul style="list-style-type: none"> • CO1- Appreciate the trends & issues in the field of Medical – Surgical Nursing as a specialty. • CO2- Apply concepts & theories related to health

		<p>promotion.</p> <ul style="list-style-type: none"> • C03- Appreciate the client as a holistic individual. • C04- Perform physical, psychosocial assessment of Medical – Surgical patients. • C05- Apply Nursing process in providing care to patients. • C06- Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness. • C07- Recognize and manage emergencies with Medical- Surgical patients. • C08- Describe various recent technologies & treatment modalities in the management of critically ill patients. • C09- Appreciate the legal & ethical issues relevant to Medical – Surgical Nursing. • C010- Prepare a design for layout and management
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		<p>of Medical – Surgical Units.</p> <ul style="list-style-type: none"> • CO11- Appreciate the role of alternative systems of Medicine in care of patients. • CO12- Incorporate evidence based Nursing practice and identify the areas of research in the field of Medical – Surgical Nursing. • CO13- Recognize the role of Nurse practitioner as a member of the Medical – Surgical health team. • CO14- Teach Medical – Surgical Nursing to undergraduate nursing students & in-service nurses. <p><u>NURSING MANAGEMENT</u></p> <ul style="list-style-type: none"> • CO1- Describe the philosophy and objectives of the 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
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		<p>administration</p> <ul style="list-style-type: none"> • C04- Describe the principles of administration applied to nursing • C05- Explain the organization of health and nursing services at the various levels/institutions. • C06- Collaborate and co-ordinate with various agencies by using multi- sectoral approach • C07- Discuss the planning, supervision and management of nursing workforce for various health care settings. • C08- Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care • C09- Identify and analyse legal and ethical issues in nursing administration • C010- Describe the process of quality assurance in nursing services.
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- **C011-**

Demonstrate leadership in nursing at various levels

MEDICAL SURGICAL NURSING – Cardiovascular & Thoracic Nursing

- **C01-**

Appreciate trends and issues related to cardio vascular and thoracic Nursing.

- **C02-**

Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardio vascular and thoracic conditions

- **C03-**

Participate in national health programs for health promotion, prevention and rehabilitation of patients with cardio vascular and thoracic conditions

- **C04-**

Perform physical, psychosocial & spiritual assessment

- **C05-**

Assist in various diagnostic, therapeutic and surgical procedures

- **C06-**

Apply nursing process in providing

		<p>comprehensive care to patients with cardio vascular and thoracic conditions</p> <ul style="list-style-type: none"> 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 & coordinate activities related to patient care. CO11- Practice infection control measures. CO12- Identify emergencies and complications & take appropriate measures CO13- Discuss the legal and ethical issues in cardio vascular and thoracic nursing
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- **CO14-**
Assist patients 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

MEDICAL SURGICAL NURSING –

Critical Care Nursing

- **CO1-**

		<p>Appreciate trends and issues related to Critical Care Nursing.</p> <ul style="list-style-type: none"> • CO2- Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients • CO3- Describe the various drugs used in critical care and nurses responsibility • CO4- Perform physical, psychosocial & spiritual assessment • CO5- Demonstrate advance skills/competence in managing critically ill patients including Advance Cardiac Life Support. • CO6- Demonstrate skill in handling various equipments/gadgets used for critical care • CO7- Provide comprehensive care to critically ill patients. • CO8- Appreciate team work & coordinate activities related to patient care.
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		<ul style="list-style-type: none"> • CO9- Practice infection control measures. • CO10- Asses and manage pain. • CO11- Identify complications & take appropriate measures. • CO12- Discuss the legal and ethical issues in critical care nursing. • CO13- Assist patients and their family to cope with emotional distress, spiritual, grief and anxiety. • CO14- Assist in various diagnostic, therapeutic and surgical procedures • CO15- Incorporate evidence based nursing practice and identify the areas of research in the field of critical care nursing • CO16- Identify the sources of stress and manage burnout syndrome among health care providers.
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- **CO17-**

Teach and supervise nurses and allied health workers.

- **CO18-**

Design a layout of ICU and develop standards for critical care nursing practice.

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 psychosocial effects of cancer on patients and families.

- **CO4-**

Demonstrate skill in administering/assisting in various treatment modalities used for patients with cancer

- **CO5-**

Apply nursing process in providing holistic care to patients with cancer.

		<ul style="list-style-type: none"> • C06- Apply specific concepts of pain management • C07- Appreciate the care of death and dying patients and value of bereavement support. • C08- Describe the philosophy, concept and various dimensions of palliative care • C09- Appreciate the role of alternative systems of medicine in care of cancer patients • C010- Appreciate the legal & ethical issues relevant to oncology nursing • C011- Recognize and manage Oncological emergencies • C012- Counsel the patients with cancer and their families • C013- Incorporate evidence based nursing practice and identify the areas of research in the field of oncology nursing • C014-
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		<p>Recognize the role of oncology nurse practitioner as a member of oncology team</p> <ul style="list-style-type: none"> • 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. <p><u>MEDICAL SURGICAL- Neurosciences</u></p> <p><u>Nursing</u></p> <ul style="list-style-type: none"> • CO1- Appreciate trends and issues related to neurology and neurosurgical Nursing. • CO2- Review the anatomy and physiology of nervous system • CO3- Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients with neurological and neurosurgical disorders
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		<ul style="list-style-type: none"> • CO4- Perform neurological assessment and assist in diagnostic procedures • CO5- Describe the concepts and principles of neuroscience nursing • CO6- Describe the various drugs used in neurosciences and nurses responsibility • CO7- Assist in various therapeutic and surgical procedures in neuroscience nursing • CO8- Demonstrate advance skills/competence in managing patients with neurological and neurosurgical disorder following nursing process approach • CO9- Identify psychosocial problems of patients with disabilities and assist patients and their family to cope with emotional distress, spiritual, grief and anxiety • CO10- Participate in preventive, promotive and rehabilitative services for neurological and neurosurgical patients. • CO11-
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		<p>Explain the legal and ethical issues related to brain death, organ transplantation and practice of neuroscience nursing</p> <ul style="list-style-type: none"> • CO12- Incorporate evidence based nursing practice and identify the areas of research in the field of neuroscience nursing • CO13- Organise and conduct inservice education program for nursing personnel. • CO14- Develop standards of care for quality assurance in neuroscience nursing practice • CO15- Identify the sources of stress and manage burnout syndrome among health care providers. • CO16- Teach and supervise nurses and allied health workers. • CO17- Plan and develop physical layout of neuro intensive care unit <p><u>MEDICAL SURGICAL NURSING- Nephro</u></p> <p><u>Urology nursing</u></p> <ul style="list-style-type: none"> • CO1-
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		<p>Appreciate trends and issues related to nephro and urological nursing</p> <ul style="list-style-type: none"> • C02- Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of nephro and urological conditions • C03- Perform physical, psychosocial & spiritual assessment • C04- Assist in various diagnostic, therapeutic and surgical interventions • C05- Provide comprehensive nursing care to patients with nephro and urological conditions • C06- Describe the various drugs used in nephro and urological conditions and nurses responsibility • C07- Demonstrate skill in handling various equipments/gadgets used for patients with nephro and urological conditions • C08- Appreciate team work & coordinate
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		<p>activities related to patient care.</p> <ul style="list-style-type: none"> • CO9- Practice infection control measures. • CO10- Identify emergencies and complications & take appropriate measures • CO11- Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs • CO12- Discuss the legal and ethical issues in nephro and urological nursing • CO13- Identify the sources of stress and manage burnout syndrome among health care providers • CO14- Appreciate the role of alternative system of medicine in the care of patient • CO15- Incorporate evidence based nursing practice and identify the areas of research in the field of nephro and urological nursing • CO16-
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		<p>Teach and supervise nurses and allied health workers.</p> <ul style="list-style-type: none"> • CO17- Design a layout of kidney transplant unit and dialysis unit • CO18- Develop standards of nephro urological nursing practice <p><u>MEDICAL SURGICAL NURSING-</u></p> <p><u>Orthopedic nursing</u></p> <ul style="list-style-type: none"> • CO1- Appreciate the history and developments in the field of orthopedic nursing • CO2- Identify the psycho-social needs of the patient while providing holistic care. • CO3- Perform physical and psychological assessment of patients with orthopedic conditions and disabilities. • CO4- Describe various disease conditions and their management • CO5-
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		<p>Discuss various diagnostic tests required in orthopedic conditions</p> <ul style="list-style-type: none"> • C06- Apply nursing process in providing care to patients with orthopedic conditions and those requiring rehabilitation. • C07- Recognize and manage orthopedic emergencies. • C08- Describe recent technologies and treatment modalities in the management of patients with orthopedic conditions and those requiring rehabilitation. • C09- Integrate the concept of family centered, long term care and community based rehabilitation to patients with orthopedic conditions. • C010- Counsel the patients and their families with orthopedic conditions • C011- Describe various orthotic and prosthetic appliances • C012-
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		<p>Appreciate the legal and ethical issues pertaining to patients with orthopedic conditions and those requiring rehabilitation.</p> <ul style="list-style-type: none"> • CO13- Appreciate the role of alternative system of medicine in care of patients with orthopedic conditions • CO14- Incorporate evidence based nursing practice and identifies the areas of research in the field of orthopedic nursing. • CO15- Recognize the role of orthopedic nurse practitioner and as a member of the orthopedic and rehabilitation team. • CO16- Teach orthopedic nursing to undergraduate students and in-service nurses. • CO17- Prepare a design and layout of orthopedic and rehabilitative units. <p><u>MEDICAL SURGICAL NURSING- Gastroenterology Nursing</u></p> <ul style="list-style-type: none"> • CO1- Appreciate trends and issues related to
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		<p>gastro enterology nursing</p> <ul style="list-style-type: none"> CO2- Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of gastrointestinal conditions CO3- Participate in national health programs for health promotion, prevention and rehabilitation of patients with gastrointestinal conditions CO4- Perform physical, psychosocial & spiritual assessment CO5- Assist in various diagnostic, therapeutic and surgical procedures CO6- Provide comprehensive care to patients with gastrointestinal conditions CO7- Describe the various drugs used in gastrointestinal conditions and nurses responsibility CO8- Demonstrate skill in handling various equipments/gadgets used for patients with
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		<p>gastrointestinal conditions</p> <ul style="list-style-type: none"> • CO9- Appreciate team work & coordinate activities related to patient care. • CO10- Practice infection control measures. • CO11- Identify emergencies and complications & take appropriate measures • CO12- Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs • CO13- Discuss the legal and ethical issues in GE nursing • CO14- Identify the sources of stress and manage burnout syndrome among health care providers • CO15- Appreciate the role of alternative system of medicine in care of patient • CO16- Incorporate evidence based nursing practice
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		<p>and identify the areas of research in the field of gastrointestinal nursing</p> <ul style="list-style-type: none"> • CO17- Teach and supervise nurses and allied health workers. • CO18- Design a layout of Gastro enterology intensive care unit (GEICU) , liver care/transplant unit
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