

PROGRAMME: BASIC B.Sc. NURSING

INDIAN NURSING COUNCIL

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Philosophy

(Adapted from Indian Nursing Council)

Indian Nursing Council believes that:

Health is a state of well-being that enables a person to lead a psychologically, socially and economically productive life. Health is a right of all the people. Individuals, Families and communities have responsibility towards maintaining their health.

Nursing contributes to the health services in vital and significant way in the health care delivery system. It recognizes national health goals and is committed to participate in the implementation of National Health policies and programmes. It aims at identifying health needs of the people, planning and providing quality care in collaboration with other health professionals and community groups.

Scope of nursing practice encompasses provision of promotive, preventive, curative and rehabilitative aspects of care to people across their life span in wide variety of health care settings. Practice of nursing is based upon application of basic concepts and principles derived from the physical, biological, and behavioral sciences, medicine and nursing.

Nursing is based on values of caring and aims to help individuals to attain independence in self-care. It necessitates development of compassion and understanding of human behavior among its practitioners to provide care with respect, dignity and protect the rights of individuals & groups.

Undergraduate nursing programme is broad based education within an academic framework specifically directed to the development of critical thinking skills, competencies & standards required for practice of professional nursing and midwifery as envisaged in National Health Policy 2002.

The teachers have the responsibility to be role models and create learning environment that enables students to acquire inquiry driven, self-directed learning and foster an attitude of lifelong learning.

Under graduate nursing education program prepares its graduates to become exemplary citizen by adhering to code of ethics and professional conduct at all times in fulfilling personal, social and professional obligations so as to respond to national aspirations.

Aims

The aim of the undergraduate nursing program is to:

- Prepare graduates to assume responsibilities as professional, competent nurses and midwives in providing promotive, preventive, curative, and rehabilitative services.
- Prepare nurses who can make independent decisions in nursing situations, protect the rights and facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services, and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor and manager in a clinical / Public health setting.

PROGRAMMME OUTCOMES

On completion of the four year B.sc Nursing Programme the graduate will be able to:

PO1	Apply knowledge from physical, biological, and behavioral sciences, medicine including alternative systems and demonstrate understanding of life style and providing nursing care to individuals, families and communities
PO2	Provide nursing care based on steps of nursing process and demonstrate critical thinking skills in collaboration with the individuals and groups and utilize the latest trends and technology
PO3	Provide promotive, preventive, and restorative health services in line with the national health policies and programmes and practice within the framework of code of ethics and professional conduct and acceptable standards of practice within the legal boundaries.
PO4	Demonstrate skills in teaching to individuals and groups in clinical/community health settings and participate effectively as members of the health team in health care delivery.
PO5	Demonstrate leadership and managerial skills in clinical /community health settings and demonstrate awareness, interest and contribute towards advancement of self and the profession.
PO6	Conduct need based research studies in various settings and utilize the research findings to improve the quality of care

PLACEMENT: FIRST YEAR BASIC B.Sc. NURSING

COURSE OUTCOMES:

ANATOMY

CO1. Describe the anatomical terms, organization of human body and structure of cell, tissues, membranes and glands

CO2. Describe the structure & function of bones, muscles and joints

CO3. Explain the structure and function of sensory organs

CO4. Describe the structure and function of nervous system, respiratory system, digestive system, excretory system, endocrine system and reproductive system

CO5. Describe the structure and function of circulatory and lymphatic system

PHYSIOLOGY

- CO1. Describe the physiology of cell, tissues, membranes and glands
- CO2. Describe the bone formation and growth and movements of skeletal system
- CO3. Describe the physiology of nerve stimulus, reflexes, brain, cranial and spinal nerves
- CO4. Describe the physiology of digestive system, excretory, reproductive, lymphatic system and sensory organs
- CO5. Describe the physiology of blood and functions of Heart
- CO6. Demonstrate BMR

NUTRITION

- CO1. Describe the relationship between nutrition & health
- CO2. Describe the classification, functions, sources and recommended daily allowances (RDA) of carbohydrates, fats, proteins, vitamins and minerals
- CO3. Prepare and serve simple beverages and different types of foods and plan diet for different categories of people including calorie requirement
- CO4. Describe the cookery rules and preservation of nutrients
- CO5. Describe the role of nurse in assessment of nutritional status and nutrition education

BIOCHEMISTRY

- CO1. Describe the structure, composition and functions of cell
- CO2. Differentiate between prokaryote and eukaryote cell
- CO3. Describe types, composition and utilization of Vitamins & minerals
- CO4. Describe the structure and functions of cell membrane
- CO5. Explain the metabolism of carbohydrates, lipids, amino acids and proteins

NURSING FOUNDATION

- CO1. Describe the concept of health, illness and health care agencies
- CO2. Describe concept, scope, values, code of ethics and professional conduct for nurses in India
- CO3. Explain & perform admission and discharge procedure
- CO4. Communicate effectively with patient, families and team members and maintain effective human relations
- CO5. Explain the concept, uses, format and steps of nursing process

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CO6. Describe the purposes, types and techniques of recording and reporting

CO7. Describe principles and techniques for infection control and biomedical waste management in ~~special~~ clinical settings

NURSING FOUNDATION – PRACTICAL

CO1. Performs admission and discharge procedure

CO2. Prepare nursing care plan as per the nursing process format

CO3. Communicate effectively with patient, families and team members

CO4. Perform health assessment of each body system & Monitor vital signs

CO5. Prepare & present patient reports

CO6. Provide basic nursing care procedures to patients & Safe administration of drugs

PSYCHOLOGY

CO1. Describe the history, scope and methods of psychology

CO2. Explain the concepts of personality and its influence on behavior

CO3. Describe various cognitive processes and their applications

CO4. Describe motivation, emotions, stress, attitudes and their influence on behavior

CO5. Explain ego defense mechanisms

CO6. Explain the Psychological assessments and role of nurse

MICROBIOLOGY

CO1. Explain concepts and principles of microbiology and their importance in nursing

CO2. Describe structure, classification morphology and growth of bacteria

CO3. Identify micro-organisms and role of nurse in hospital infection control

CO4. Describe the methods of infection control

CO5. Explain the concept of immunity, hyper sensitivity and immunization

INTRODUCTION TO COMPUTERS

CO1. Identify & define various concepts used in computer

CO2. Identify application of computer in nursing

CO3. Describe and use the Disk operating system

CO4. Demonstrate skill in the use of MS Office, multi-media, use of internet and Email

CO5. Identify features of computer aided teaching and testing **CO7.** Demonstrate

CO6. Describe and use the statistical packages and Hospital Management System

ENGLISH

CO1. Speak and write grammatically correct English

CO2. Develop ability to read, understand and express meaningfully the prescribed

CO3. Develop writing & spoken skills, listening comprehension.

PLACEMENT: SECOND YEAR BASIC B.Sc. NURSING

COURSE OUTCOMES

SOCIOLOGY:

CO1: Describe the structure and the dynamics of the society

CO2: Discuss the relationship of the individual to the society.

CO3; Understand the social problems and its influence on social changes and the factors contributing to it.

CO4: Describe sociological concepts applicable to nursing.

CO5: Determine role of sociology in nursing as related to social institution In India

CO6: Develop positive attitudes towards individual, family and community.

PHARMACOLOGY:

CO1: Understand the basic concepts of pharmacology

CO2: Understand the pharmacology of common chemotherapeutics.

CO3: Understand common antiseptics, disinfectants and insecticides.

CO4: Understand drug acting on various systems of human body.

CO5: Appreciate alternative systems of medicines.

COMMUNICATION & EDUCATION TECHNOLOGY:

CO1: Understand the effective communication process using various communication techniques with individuals' groups and health team members.

CO2: Establishes effective interpersonal and human relations with patients, families and healthteam members.

CO3: Acquires knowledge on concepts, principles on guidance and counseling and develop basicskills for counseling patients, nursing students and nursing personnel

CO4: Understand the philosophy, principles of education and teaching learning process.

CO5: Demonstrate teaching skills using various teaching methods in classroom, clinical andcommunity setup using different methods and media.

CO6: Demonstrate skill in preparing different types of assessment tools for knowledge attitudeand skill.

COMMUNITY HEALTH NURSING- I:

CO1: Understand the concepts of community health and community health nursing.

CO2: Appreciate the various factors influencing health in the community

CO3: Appreciate the concept, scope, uses and methods of epidemiology.

CO4: Understand the epidemiology and nursing management of common communicablediseases.

CO5: Appreciate the concept and scope of demography.

CO6: Understand the impact of population explosion and population control.

MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS) – I:

CO1: Describe the causes, signs and symptoms, treatment and prevention of medical surgical conditions of respiratory problems, digestive system ,blood and cardio vascular ,genito –urinary , male reproductive disorders ,endocrine disorders ,integumentary system, musculo-skeletal, immunological problems ,communicable diseases

CO2: Demonstrate skill in carrying out nursing techniques and procedures in keeping withscientific principles.

CO3: Discuss nursing process and provide nursing care to patients with various medicalsurgical conditions.

CO4: Describe the organization and physical set up of operation theatre ,peri - operative nursing care .

PLACEMENT: THIRD YEAR BASIC B.Sc. NURSING

MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS)- II

CO1. Describe the Etiology Pathophysiology, Clinical Manifestations, Diagnostic measures and management of patients with disorders of Ear, Eye Nose and Throat

CO2. Describe the Etiology, Pathophysiology, Clinical Manifestations, Diagnostic measures and management of patients with neurological disorders

CO3. Describe the Etiology, Pathophysiology, Clinical Manifestations, Diagnostic measures and management of patients with disorder of female reproductive system

CO4. Describe the Etiology, Pathophysiology, Clinical Manifestations, Diagnostic measures and management of patients with burns, reconstructive and cosmetic surgery

CO5. Describe the Etiology, Pathophysiology, Clinical Manifestations, Diagnostic measures and management of patients with oncological conditions

CO6. Describe Organization of Emergency, Critical Care and disaster care services

CO7. Explain the Problems of Ageing and Nursing care of the Elderly

MEDICAL SURGICAL NURSING (ADULT AND GERIATRICS)- II- PRACTICAL ENT

CO1. Provide care to patients with ENT and Eye disorders

CO2. Observe reconstructive surgery and assist in Oncology Unit

CO 3 Provide care to patients with Burns and critically ill patients

CO4. Assist in OT set up, Supervise sterilization, Assist in OT table layout, and Supervise infection control

CO5. Provide care to patients with cancer, Observe reconstructive surgery, Provide care to critically ill patients

CO6. Provide care to patients with neurological disorders and gynaecological disorders

CO7. Develop skill in neurological assessment

CHILD HEALTH NURSING

CO1. Explain the modern concept of child care, principles of childhealth nursing and Role of pediatric Nurse

CO2. List major causes of death during infancy, early & late childhood

CO3. Describe the normal growth & development of children at different age nutritional needs and parental guidance

CO4. Provide care to normal neonates, high risk neonates and Perform neonatal resuscitation

CO5. Provide nursing care in common childhood diseases Behavioural disorders with social & welfare services for challenged children

CHILD HEALTH NURSING – PRACTICAL

CO1. Provide nursing care to children with various medical disorders Paediatric Surgery Ward

CO2. Counsel and educate parents

CO3. Recognize different paediatric surgical conditions/malformations **CO4.** Provide pre and post-operative care to children with common Paediatric surgical conditions/malformation

CO4. Perform immunization

CO5. Give Health Education/Nutritional Education Paediatric medicine and surgery ICU

CO6. Provide nursing care to critically ill children

MENTAL HEALTH NURSING

CO1. Describe the historical development, current trends, National Mental Health Act .Programmes and mentalhealth policy

CO2. Describe the concept of normal & abnormal behaviour , classification of mental disorders

CO3. Describe the etiology, psychopathology, clinical manifestations,diagnostic criteria and management of patients with Schizophrenia, psychotic disorders, mood disorders, neurotic, stress relatedand somatisation disorders and substance use disorders

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CO4. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with personality, Sexual and Eating disorders, childhood and adolescent disorders including mental deficiency

CO5. Discuss the etiological factors, psychopathology of mental disorders

CO6. Explain the principles and standards of Mental health Nursing &. Explain treatment modalities and therapies used in mental disorders and role of the nurse

CO8. Describe the nature, purpose and therapeutic communication techniques

MENTAL HEALTH NURSING – PRACTICAL

CO1. Perform History taking, case study and Mental Status Examination

CO2. Conduct Process Recording and Writing Nursing process

CO3. Assist in Behavioural Therapy and Crisis Intervention Counselling

CO4. Conduct Therapeutic Communication Techniques

CO5. Perform Restraining technique & Administration of psychotropic Drugs

CO6. Assist in Electroconvulsive Therapy

NURSING RESEARCH AND STATISTICS

CO1. Explain the steps of research process & Identify and state the research problem and objectives

CO2. Review the related literature & describe the research approaches and designs

CO3. Explain the sampling process & describe the methods of data collection

CO4. Analyze, Interpret and summarize the research data

CO5. Explain the use of statistics, scales of measurement and graphical presentation of data

CO6. Describe the measures of central tendency and variability and methods of correlation

CO7. Write a group Research Project and Communicate and utilize the research findings

MIDWIFERY AND OBSTETRICAL NURSING

CO1. To describe the anatomy & physiology of female reproductive system.

CO2. To describe the physiology and stages of labor

CO3. To describe the management of women during intra- natal period

CO4. To describe the management of women during post- natal period

CO5. To Describe the Identification and management of women with high risk pregnancy Abnormal labor and obstetrical emergencies

CO6. Appreciate the importance of family welfare program me & to describe the methods of Contraception & role of nurse in family welfare programme

COMMUNITY HEALTH NURSING – II

CO1. To Define Concepts, scope, principles and historical development of community health andCommunity Health nursing

CO2. To describe health plans, policies, various health committees and health problems in India.

CO3. To describe the system of delivery of community health services in rural and urban areas and to list the functions of various levels. And their staffing pattern, explain the components of health services

CO4. To describe alternative system of health promotion and health maintenance & describe the chain of referral system

CO5. To describe community health nursing approaches and concepts.

CO6. To describe the roles and responsibility of community health nursing personnel.

CO7. To describe national health and family welfare programmes and role of a nurse.

MANAGEMENT OF NURSING SERVICES AND EDUCATION

CO1.To explain the principles and functions of management

CO2.To describe the elements and process of management

CO3.To Describe the Management of nursing services in the hospital and community

CO4.To Participate in planning and organizing in service education

CO5.To Describe management of nursing education institution.

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CO6. To Describe the ethical and legal responsibilities of a professional nurse.

CO7. To explain the nursing practice standards and various opportunities for

Professional advancement.

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PROGRAMME: M.Sc. NURSING

INDIAN NURSING COUNCIL

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PHILOSOPHY:

National Health Policy (NHP) 2002 emphasizes the need to prepare nurses to function in super-specialty areas who are required in tertiary care institutions, entrusting some limited public health functions to nurses after providing adequate training, and increase the ratio of degree holding vis a vis diploma holding nurses. It is observed that there is an acute shortage of nursing faculty in under graduate and post graduate Nursing programme in India Rajiv Gandhi University of Health Sciences believes that: Post Graduate programme is essential to prepare nurses to improve the quality of nursing education and practice in India.

Post graduate programme in nursing builds upon and extends competence acquired at the graduate levels, emphasizes application of relevant theories into nursing practice, education, administration and development of research skills. The programme prepares nurses for leadership position in nursing and health fields who can function as nurse specialists, consultants, educators, administrators and researchers in a wide variety of professional settings in meeting the National priorities and the changing needs of the society.

This programme provides the basis for the post masteral programme in nursing. Further the programme encourages accountability and commitment to lifelong learning which fosters improvement of quality care.

AIM:

The aim of the postgraduate program in nursing is to prepare graduates to assume responsibilities as nurse specialists, consultants, educators, administrators in a wide variety of professional settings.

OBJECTIVES:

- Utilize/apply the concepts, theories and principles of nursing science
- Demonstrate advance competence in practice of nursing
- Demonstrate leadership qualities and function effectively as nurse educator and manager.
- Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health-related research.
- Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.

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- Establish collaborative relationship with members of other disciplines
- Demonstrate interest in continued learning for personal and professional advancement

PLACEMENT: FIRST YEAR M.Sc NURSING

PROGRAMME OUTCOMES:

On Completion of the two years M.Sc. Nursing programme, the graduate will be able to achieve and demonstrate the following learning outcomes.

PO1	Utilize or apply the concepts ,theories , and principles of nursing science
PO2	Demonstrate advance competence in practice of nursing
PO3	Practice as a nurse specialist
PO4	Demonstrate leadership qualities and functions effectively as nurse educator and manager.
PO5	Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.
PO6	Critically evaluate various educational programme in nursing
PO7	Demonstrate expertise, advanced knowledge and mastery in an area of specialized nursing practice.

PLACEMENT: FIRST YEAR BASIC B.Sc. NURSING

NURSING EDUCATION:

CO1: Explain the aims of education, philosophies, trends in education and health its impact on nursing education

CO 2: Describe the teaching learning process, instructional media and method used in teaching learning process.

CO 3: Describe the process of curriculum development, and the need, methodology of curriculum change, innovation and integration

CO 4: Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experienced

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CO 5: Identify research priorities in nursing education. Discuss various models of collaboration in nursing education, services explain the development of standards and accreditation process in nursing education programs, Plan and conduct continuing nursing education programs.

CO 6: Explain the concept, principles, steps, tools and techniques of evaluation, Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude

ADVANCED NURSING PRACTICE

CO1: Appreciate and analyze the development of nursing as a profession. Describe ethical, legal, political and economic aspects of healthcare delivery and nursing practice.

CO2: Explain bio-psycho-social dynamics of health, life style and health care delivery system.

CO3: Provide holistic and competent nursing care following nursing process approach and Identify latest trends in nursing and the basis of advance nursing practice.

CO4: Perform extended and expanded role of nurse, alternative modalities of nursing care and describe the concept of quality control in nursing. Identify the scope of nursing research.

CO5: Appreciate importance of self-development and professional advancement.

NURSING RESEARCH AND STATISTICS

CO1: Define basic research terms and concepts, Review literature utilizing various sources and Describe research methodology.

CO2: Develop a research proposal, Conduct of a research study. Communicate research findings. Utilize research findings, Critically evaluate nursing research studies, Write scientific papers for publication

CO3: Explain the basic concepts related to statistics Draw conclusions of the study and predict statistical significance of the results

CO4 : Use descriptive and inferential statistics to predict results and Describe vital health statistics and their use in health related research

CLINICAL SPECIALITY – I MEDICAL SURGICAL NURSING

PROGRAMME SPECIFIC OUTCOMES :

PSO 1	To assist in developing expertise and in depth knowledge in the field of medical surgical nursing
PSO 2	To appreciate the patient as a holistic individual and develop skill to function as a specialized medical surgical nurse
PSO 3	To function as educator ,manager and researcher in the field of medical surgical nursing

COURSE OUTCOMES :

CO1 : Appreciate the trends & issues in the field of medical surgical nursing as a specialty. Apply concepts & theories related to health promotion and the client as a holistic individual.

CO2 : Perform physical, psychosocial assessment of medical surgical patients.

CO3 : Apply nursing process in providing care to patients. Integrate the concept of family centered nursing care with associated disorders such as genetic, congenital and long-term illness.

CO4 : Recognize and manage emergencies with medical surgical patients.

CO5 : Describe various recent technologies & treatment modalities in the management of critically ill patients.

CO6: Recognize the role of nurse practitioner as a member of medical surgical health team.

CLINICAL SPECIALITY - I OBSTETRICS AND GYNAECOLOGY NURSING

PROGRAMME SPECIFIC OUTCOMES :

PSO 1	To assist in developing expertise and in depth knowledge in the field of Obstetric and Gynecological nursing
PSO 2	To appreciate the client as a holistic individual and develop skill to function as a independent midwifery practitioner.
PSO 3	To function as educator ,manager and researcher in the field of Obstetric and Gynecological nursing

COURSE OUTCOMES :

CO1: Appreciate the trends in the field of midwifery, obstetrics and gynecology as a specialty.

CO2: Describe the population dynamics and indicators of maternal and child health. Provide comprehensive nursing care to women during reproductive period and newborns

CO3: Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.

CO4: Identify and analyze the deviations from normal birth process and refer appropriately.

CO5: Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse.

CLINICAL SPECIALITY – I CHILD HEALTH (PAEDIATRIC) NURSING

PROGRAMME SPECIFIC OUTCOMES

PSO 1	To assist in developing expertise and in depth knowledge in the field of Pediatric Nursing
PSO 2	To appreciate the client as a holistic individual and develop skill to function as a neonatal and pediatric nurse specialist
PSO 3	To function as educator, manager and researcher in the field of Pediatric Nursing

COURSE OUTCOMES :

CO1: Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty, Apply the concepts of growth and development in providing care to the pediatric clients and their families.

CO2: Perform physical, developmental, and nutritional assessment of pediatric clients.

CO3: Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.

CO4: Recognize and manage emergencies in neonates, describe various recent technologies and treatment modalities in the management of high risk neonates.

CO5: Incorporate evidence based nursing practice and identify the areas of research in the field of pediatric / neonatal nursing.

CLINICAL SPECIALTY – I MENTAL HEALTH (PSYCHIATRIC) NURSING

PROGRAMME SPECIFIC OUTCOMES

PSO 1	To assist in developing expertise and in depth knowledge in the field of Psychiatric Nursing
PSO 2	To appreciate the client as a holistic individual and develop skill to function as psychiatric nurse specialist
PSO 3	To function as educator ,manager and researcher in the field of Psychiatric nursing

COURSE OUTCOMES :

CO1: Explain the dynamics of personality development, human behavior and the concepts of psychobiology in mental disorders and its implications for psychiatric nursing

CO2: Demonstrate therapeutic communication skills in all interactions

CO3: Demonstrate the role psychiatric nurse practitioner in various therapeutic modalities, Establish and maintain therapeutic relationship with individual and groups

CO4 : Apply the nursing process approach in caring for patients with mental disorders

CO5 : Describe various types of alternative system of medicines used in psychiatric settings, incorporate evidence-based nursing practice and identify the areas of research in the field of psychiatric nursing

CLINICAL SPECIALTY – I COMMUNITY HEALTH NURSING

PROGRAMME SPECIFIC OUTCOMES

PSO 1	To assist in developing expertise and in depth knowledge in the field of Community Health Nursing
PSO 2	To appreciate the client as a holistic individuals ,families and groups and develop skill to function as Community Health Nurse specialist /practitioner
PSO 3	To function as educator ,manager and researcher in the field of Community Health Nursing

COURSE OUTCOMES :

CO1: Appreciate the history and development in the field of community Health and community Health nursing and Appreciate role of individuals and families in promoting health of the community.

CO2: Perform physical, developmental and nutritional assessment of individuals, families and groups,

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Apply the concepts of promotive, preventive, curative and rehabilitative aspect of the health while providing care to the people.

CO3: Integrate the concepts of family centered nursing approach while providing care to the community and participate in the management of emergencies, epidemics and disasters.

CO4: Apply recent technologies and care modalities while delivering community health nursing care, legal and ethical issues pertaining to community health nursing care.

CO5: Conduct community health nursing care project, Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level.

PLACEMENT: SECOND YEAR M.Sc NURSING

COURSE OUTCOMES

NURSING MANAGEMENT

CO1: Describe the philosophy and objectives of the health care institutions at various levels, Identify trends and issues in nursing ,Discuss the public administration, health care administration vis a vis nursing administration

CO2: Describe the principles of administration applied to nursing, explain the organization of health and nursing services at the various levels/institution

CO3: Collaborate and co-ordinate with various agencies by using multi sectoral approach, Discuss the planning, supervision and management of nursing workforce for various healthcare settings.

CO4: Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care

CO5: Describe the process of quality assurance in nursing services and demonstrate leadership in nursing at various levels

MEDICAL SURGICAL NURSING

SUB SPECIALITY – CARDIO VASCULAR AND THORACIC NURSING :

PROGRAMME SPECIFIC OUTCOMES

PSO 1	To assist in developing expertise and in depth knowledge in the field of cardiovascular and thoracic nursing
PSO 2	To develop advanced skills for nursing intervention in various cardio medical surgical conditions
PSO 3	To function as Cardio vascular and Thoracic Nurse practitioner /specialist .
PSO 4	To function as educator ,manager and researcher in the field of cardiovascular and thoracic nursing

COURSE OUTCOMES

CO1. Appreciate trends and issues related to cardio vascular and thoracic Nursing, Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardiovascular and thoracic conditions

CO2. Participate in national health programs for health promotion, prevention and rehabilitation of patients with cardio vascular and thoracic conditions

CO3. Apply nursing process in providing comprehensive care to patients with cardio vascular and thoracic conditions

CO4. Demonstrate advance skills/competence in managing patients with cardio vascular and thoracic conditions including Advance Cardiac Life Support.

CO5. Describe the various drugs used in cardio vascular and thoracic conditions and nurses responsibility, Practice infection control measures.

CO6. Assist in various diagnostic, therapeutic and surgical procedures Demonstrate skill in handling various equipment's /gadgets used for critical care of cardiovascular and thoracic patients

CO7. Identify the sources of stress and manage burnout syndrome among health care providers, Teach and supervise nurses and allied health workers, design a layout of ICCU and ICTU and develop standards for cardio vascular and thoracic nursing practice.

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MEDICAL SURGICAL NURSING

SUB SPECIALITY – CRITICAL CARE NURSING

PROGRAMME SPECIFIC OUTCOMES

PSO 1	To assist in developing expertise and in depth knowledge in the field of critical care nursing
PSO 2	To develop advanced skills for nursing intervention in caring for critically ill patients
PSO 3	To function as critical care nurse practitioner /specialist
PSO 4	To function as educator ,manager and researcher in the field of critical care nursing

COURSE OUTCOMES

CO1 : Appreciate trends and issues related to Critical Care Nursing, Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients

CO2 .Describe the various drugs used in critical care and nurse's responsibility,, demonstrate advance skills/competence in managing critically ill patients including Advance Cardiac Life Support.

CO3. Demonstrate skill in handling various equipment's /gadgets used for critical care Provide comprehensive care to critically ill patients. Appreciate team work & coordinate activities related to patient care.

CO4. Incorporate evidence based nursing practice and identify the areas of research in the field of critical care nursing, identify the sources of stress and manage burnout syndrome among health care providers.

CO5. Design a layout of ICU and develop standards for critical care nursing practice.

MEDICAL SURGICAL NURSING-

SUB SPECIALITY – ONCOLOGY NURSING

PROGRAMME SPECIFIC OUTCOMES

PSO 1	To assist in developing expertise and in depth knowledge in the field of oncology nursing
PSO 2	To develop advanced skills for nursing intervention in various oncological conditions
PSO 3	To function as oncology nurse practitioner /specialist and provide quality care
PSO 4	To function as educator ,manager and researcher in the field of oncology nursing

COURSE OUTCOMES

- CO1.** Explain the prevention, screening and early detection of cancer, describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems
- CO2.** Describe the psychosocial effects of cancer on patients and families. demonstrate skill in administering/assisting in various treatment modalities used for patients with cancer
- CO3.** Apply nursing process in providing holistic care to patients with cancer, describe the philosophy, concept and various dimensions of palliative care
- CO4.** Incorporate evidence-based nursing practice and identify the areas of research in the field of oncology nursing, recognize the role of oncology nurse practitioner as a member of oncology team collaborate with other agencies and utilize resources in caring for cancer patients.
- CO5.** Design a layout and develop standards for management of oncology units/hospitals and nursing care, Teach and supervise nurses and allied health workers.
- CO6.** Appreciate the role of alternative systems of medicine in care of cancer patients, appreciate the legal & ethical issues relevant to oncology nursing

MEDICAL SURGICAL NURSING

SUB SPECIALITY -- NEUROSCIENCES NURSING

PROGRAMME SPECIFIC OUTCOMES

PSO 1	To assist in developing expertise and in depth knowledge in the field of neurology and neurosurgical nursing
PSO 2	To develop advanced skills for nursing intervention in various neurological and neurosurgical disorders
PSO 3	To function as neuroscience nurse practitioner /specialist
PSO 4	To function as educator ,manager and researcher in the field of neurology and neurosurgical nursing

COURSE OUTCOMES

- CO1:** Appreciate trends and issues related to neurology and neurosurgical Nursing, review the anatomy and physiology of nervous system
- CO2 :** Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients

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with neurological and neurosurgical disorders and neurological assessment

CO3: Describe the concepts and principles of neuroscience nursing, various drugs used in neurosciences and nurses responsibility along with various therapeutic and surgical procedures in neuroscience nursing

CO4: Demonstrate advance skills/competence in managing patients with neurological and neurosurgical disorder following nursing process approach ,Identify psychosocial problems of patients with disabilities and assist patients and their familyto cope with emotional distress, spiritual, grief and anxiety

CO5: Participate in preventive, promotive and rehabilitative services for neurological and neurosurgical patients CO13. Organize and conduct inservice education program for nursing personnel.

MEDICAL SURGICAL NURSING-

SUB SPECIALITY -- NEPHRO-UROLOGY NURSING

PROGRAMME SPECIFIC OUTCOMES

PSO 1	To assist in developing expertise and in depth knowledge in the field of Nephro and urological nursing
PSO 2	To develop advanced skills for nursing intervention in various disorders Nephro and urological conditions
PSO 3	To function as Nephro and urology nurse practitioner /specialist and provide quality care .
PSO 4	To function as educator ,manager and researcher in the field of Nephro and urological nursing

COURSE OUTCOMES

CO1: Describe the epidemiology, etiology, pathophysiology and diagnostic Assessment of nephro and urological conditions

CO2: Assist in various diagnostic, therapeutic and surgical interventions, provide comprehensive nursing care to patients with nephro and urological conditions

CO3: Describe the various drugs used in nephro and urological conditions and nurses responsibility, Demonstrate skill in handling various equipment's/gadgets used for patients with nephro and urological conditions

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CO4: Incorporate evidence based nursing practice and identify the areas of research in the field of nephro and urological nursing

CO5: Teach and supervise nurses and allied health workers. **CO17.** Design a layout of kidney transplant unit and dialysis unit **CO18.** Develop standards of nephro urological nursing practice

MEDICAL SURGICAL NURSING -

SUB SPECIALITY -- ORTHOPEDIC NURSING

PROGRAMME SPECIFIC OUTCOMES

PSO 1	To assist in developing expertise and in depth knowledge in the field of orthopedic nursing
PSO 2	To develop advanced skills for nursing intervention in various orthopedic conditions
PSO 3	To function as orthopedic nurse practitioner /specialist and provide quality care.
PSO 4	To function as educator ,manager and researcher in the field of orthopedic nursing

COURSE OUTCOMES

CO1: Appreciate the history and developments in the field of orthopedic nursing , identify the psycho-social needs of the patient while providing holistic care.

CO2: Perform physical and psychological assessment of patients with orthopedic conditions and disabilities. Discuss various diagnostic tests required in orthopedic conditions

CO3: Apply nursing process in providing care to patients with orthopedic conditions and those requiring rehabilitation. Recognize and manage orthopedic emergencies.

CO4: Describe recent technologies and treatment modalities in the management of patients with orthopedic conditions and those requiring rehabilitation

CO5: Integrate the concept of family centered, long term care and community-based rehabilitation to patients with orthopedic conditions. Appreciate the legal and ethical issues pertaining to patients with orthopedic conditions and those requiring rehabilitation, the role of alternative system of medicine in care of patients with orthopedic conditions

CO6: Teach orthopedic nursing to undergraduate students and in-service nurses, Prepare a design and layout of orthopedic and rehabilitative units.

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MEDICAL SURGICAL NURSING -

SUB SPECIALITY -- GASTRO ENTEROLOGY NURSING

PROGRAMME SPECIFIC OUTCOMES

PSO 1	To assist in developing expertise and in depth knowledge in the field of gastro enterology nursing
PSO 2	To develop advanced skills for nursing intervention in various gastro enterology conditions
PSO 3	To function as gastro enterology nurse practitioner /specialist and provide quality care.
PSO 4	To function as educator ,manager and researcher in the field of gastro enterology nursing

COURSE OUTCOMES

CO1: Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of gastrointestinal conditions ,participate in national health programs for health promotion, prevention and rehabilitation of patients with gastrointestinal conditions

CO2: Assist in various diagnostic, therapeutic and surgical procedures, provide comprehensive care to patients with gastrointestinal conditions

CO3: Describe the various drugs used in gastrointestinal conditions and nurses responsibility, demonstrate skill in handling various equipments/gadgets used for patients with gastrointestinal conditions.

CO4: Appreciate team work & coordinate activities related to patient care, Practice infection control measures, Identify emergencies and complications & take appropriate measures

CO5: Teach and supervise nurses and allied health workers, design a layout of Gastro enterology intensive care unit (GEICU), liver care/transplant unit

OBSTETRIC AND GYNAECOLOGICAL NURSING

COURSE OUTCOMES

CO1: Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynecological conditions, perform physical, psychosocial, cultural & spiritual assessment

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CO2: Demonstrate competence in caring for women with obstetrical and gynecological conditions, competence in caring for high-risk newborn, identify and Manage obstetrical and neonatal emergencies as per protocol, practice infection control measures

CO3: Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynecological and neonatal care, demonstrate skill in handling various equipment's/gadgets used for obstetrical, gynecological and neonatal care, teach and supervise nurses and allied health workers.

CO4: Design a layout of specialty units of obstetrics and gynecology, Develop standards for obstetrical and gynecological nursing practice, Counsel women and families

CO5: Incorporate evidence-based nursing practice and identify the areas of research in the field of obstetrical and gynecological nursing, Function as independent midwifery nurse practitioner

PEDIATRIC (CHILD HEALTH) NURSING

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 **CO4.** Provide nursing care to critically ill children, utilize the recent technology and various treatment modalities in the management of high risk children

CO4. Prepare a design for layout and describe standards for management of pediatric units/hospitals

CO5. Identify areas of research in the field of pediatric nursing

PSYCHIATRIC (MENTAL HEALTH) NURSING

CO1. Apply the nursing process in the care of patients with mental disorders in hospital and community

CO2. Demonstrate advanced skills/competence in nursing management of patients with mental disorders

CO3. Identify and care for special groups like children, adolescents, women, elderly, abused and neglected, people living with HIV/AIDS.

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CO4. Identify and manage psychiatric emergencies and provide nursing care to critically ill patients with mental disorders

CO5. Utilize the recent technology and various treatment modalities in the management of patients with mental disorders, demonstrate skills in carrying out crisis intervention.

COMMUNITY HEALTH NURSING

CO1. Appreciate trends and issues related to community health Nursing reproductive and child health, school health, Occupational health, international health, rehabilitation, geriatric and mental health.

CO2. Apply epidemiological concepts and principles in community health nursing practice Perform community health assessment and plan health programmes

CO3. Describe the various components of Reproductive and child health programme.

CO4. Demonstrate leadership abilities in organizing community health nursing services by using inter-sectoral approach.

CO5. Describe the role and responsibilities of community health nurse in various national health and family welfare programmes

CO6. Participate in the implementation of various national health and family welfare programme, demonstrate competencies in providing family centered nursing care independently

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PROGRAMME: POST BASIC B.Sc. NURSING

INDIAN NURSING COUNCIL

PROGRAMME OUTCOMES

COURSE OUTCOMES

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Aims

Post Basic B.Sc. degree in Nursing is a broad-based education aimed to build upon the skills and competencies acquired at the diploma in nursing level. It is specifically directed to the upgrading of critical thinking skills, competencies and standards required for practice of professional nursing and midwifery as envisaged in National Health Policy. The course is intended to enable the graduates: "Assume responsibilities as professional, competent nurses and midwives at basic level in providing promotive, preventive, curative, and rehabilitative services." Make independent decisions in nursing situations, protect the rights of and facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services, and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor, and manager in clinical/public health settings.

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PROGRAMME OUTCOMES:

On completion of P.B.B.Sc. Nursing (Post-Basic) degree program the graduates will be able to:

PO1	To assume responsibilities as professional, competent nurses and midwives at basic level in providing promotive, preventive, curative and rehabilitative services.
PO2	To make independent decisions in nursing situations , protect the right of and facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services, and conduct research studies in the areas of nursing practice.
PO3	To assume the role of teacher, supervisor, and manager in a clinical/public health setting.
PO4	Assess health status, identify nursing needs, plan, implement and evaluate nursing care for patients/clients that contribute to health of individuals, families and communities.
PO5	Participate as members of health team in the promotive, preventive, curative and restorative health care delivery system of the country.
PO6	Demonstrate skills in communication interpersonal relationship , managerial skills, leadership qualities and decision – making abilities in various health care settings
PO7	Practice ethical values in their personal and professional life and recognize the need for continued learning for their personal and professional development

PLACEMENT: I YEAR POST BASIC B.Sc. NURSING

COURSE OUTCOMES

NURSING FOUNDATION

- CO1. Identify professional aspects of nursing.
- CO2. Explain theories of nursing.
- CO3. Identify ethical aspects of nursing profession.
- CO4. Utilize steps of nursing process.
- CO5. Identify the role of the nurse in various levels of health services.
- CO6. Appreciate the significance of quality assurance in nursing.
- CO7. Explain current trends in health and nursing.

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.

BIOCHEMISTRY AND BIOPHYSICS

- CO1. Identify the basic principles of Biochemistry and Biophysics.
- CO2. Synthesize the knowledge of these principles in various nursing situations.

PSYCHOLOGY

- CO1. Apply psychological principles while performing nursing duties.
- CO2. Distinguish the psychological processes during health and sickness.
- CO3. Analyze own behaviour patterns.
- CO4. Tabulate the psychological needs of the patients for planning nursing care.
- CO5. Participate in psychometric assessment of the client.

MICROBIOLOGY

- CO1.** Identify common disease producing micro-organisms.
- CO2.** Explain the basic principles of microbiology and their significance in health and disease.
- CO3.** Demonstrate skill in handling specimens.
- CO4.** Explain various methods of dis-infection and sterilization.
- CO5.** Identify the role of the nurse in hospital infection control system.

MATERNAL NURSING

- CO1.** Describe the physiology of pregnancy, labour and puerperium.
- CO2.** Manage normal pregnancy, labour and puerperium.
- CO3.** Explain the physiology of lactation and advice on management of breast feeding.
- CO4.** Be skilled in providing pre and post-operative nursing care in obstetric conditions.
- CO5.** Identify and manage high risk pregnancy including appropriate referrals.
- CO6.** Propagate the concept and motivate acceptance of family planning methods.
- CO7.** Teach, guide and supervise auxiliary midwifery personnel.

CHILD HEALTH NURSING

- CO1.** Explain the modern concept of child care and the principles of child health nursing.
- CO2.** Describe the normal growth and development of children at different ages.
- CO3.** Manage sick as well as healthy neonates and children.
- CO4.** Identify various aspects of preventive pediatric nursing and apply them in providing nursing care to children in hospital and community.

MEDICAL SURGICAL NURSING

- CO1.** Explain relevant Anatomy and Physiology of various systems of the body.
- CO2.** Explain path physiology of various disorders.
- CO3.** Explain the actions, side effects and nursing implications in administering drugs for various disorders.
- CO 4.** Discuss the recent advancement in the treatment and care of patients with medical surgical conditions.

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CO5. Develop skill in giving comprehensive nursing care to patients following the steps of nursing process.

CO6. Assist the patients and their families in identifying and meeting their own health needs.

CO7. Appreciate the role of the nurse in the medical surgical health team.

ENGLISH

CO1. Ability to speak and write grammatically correct English

CO2. Effective skill in reading and understanding the English language.

CO3. Skill in reporting

PLACEMENT: II YEAR POST BASIC B.Sc. NURSING

SOCIOLOGY

CO1. Describe sociological concepts that are applicable to nursing.

CO2. Determine role of sociology in nursing as related to social institutions in India

CO3. Develop positive attitudes towards individual, family and community

COMMUNITY HEALTH NURSING

CO1. Explain the concept of various factors contributing to health of individual, family and Community.

CO2. Identify the role of community health nurse.

CO3. Describe national health care delivery system.

CO4. Describe epidemiological methods and principles of prevention and control of illness in the community.

CO5. Identify the role of personnel working in the community health set up.

CO6. Plan the work of community health nurse and supervise and train health workers.

MENTAL HEALTH NURSING

CO1. Identify and describe the philosophy, historical development and principles of mental health nursing.

CO2. Develop skill in history taking and performing mental status examination.

CO3. Describe etiological factors, psycho-pathology, clinical features, diagnostic criteria and

treatment methods used for mental disorders.

- CO4.** Manage the patients with various mental disorders.
- CO5.** Communicate therapeutically with patients and their families.
- CO6.** Identify the legal aspects in practice of mental health and psychiatric nursing.

INTRODUCTION TO NURSING EDUCATION

- CO1.** Describe the philosophy and principles of education.
- CO2.** Explain the teaching - learning process including assessment.
- CO3.** Develop the ability to teach, using various methods and media.
- CO4.** Describe the administrative aspects of school of nursing
- CO5.** Participate in planning and organizing an in-service education programme.
- CO6.** Develop basic skill of counselling and guidance.

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 4. Explain the principles of budgeting
- CO4.** Organize and manage a nursing unit effectively
- CO5.** Identify dynamics of organizational behavior, styles and functions of effective leadership.

INTRODUCTION TO NURSING RESEARCH AND STATISTICS

- CO1.** Identify needs, concepts and scope of nursing research
- CO2.** Define a research problem and list sources of literature for a specific study
- CO3.** Describe different research approaches, methods of data collection and sampling techniques with a special reference to survey method.
- CO4.** Develop tool for data collection
- CO5.** Enumerate steps of data analysis and present data summary in tabular form
- CO6.** Use descriptive and co-relational statistics in data analysis
- CO7.** Conduct a group research project.