



# D. Y. PATIL SCHOOL OF NURSING

Recognized by DMER, Indian Nursing Council & Maharashtra Nursing Council

D. Y. Patil Vidyanagar, Sector-7, Nerul, Navi Mumbai – 400 706.

Telephone No: 022-30965816, 65656526,

website: [www.dypatil.edu](http://www.dypatil.edu)

## MAPPING OF COURSE OUTCOME WITH PROGRAMME OUTCOME

### B.Sc. NURSING PROGRAMME

#### GRADUATE ATTRIBUTES

- GA1: In-depth Knowledge
- GA2: Social conscious and justice
- GA3: Professional Skills including Nursing Process
- GA4: Critical thinking including intellectual curiosity and reflective thinking
- GA5: Professional practice with advance technology
- GA6: Global perspectives
- GA7: Human value and Ethics towards practice and research
- GA8: Effective Communication
- GA9: Effective Teaching & collaborative
- GA10: Interdisciplinary
- GA11: Leadership and Teamwork skills in social interactions
- GA12: Research/ Clinical research with Evidence-Based Skills
- GA13: Practitioner of lifelong learning and evidence-based practice

#### PROGRAMME OUTCOMES

On completion of Basic B.Sc. Nursing Degree program the graduates will be able to:

**PO1: In-depth Knowledge:** An ability to apply knowledge in the care giving process.

**PO2: Social conscious and justice:** Demonstrate respect for equality of opportunity, individual and civic responsibility with and an appreciation of cultural diversity to meet societal imperatives.

**PO3: Professional Skills including Nursing Process:** Apply the nursing process to plan and deliver care that is holistic, compassionate, competent, and client-centered autonomously and collaboratively with inter-professional teams.

**Principal**

**Dr. D. Y. Patil College of Nursing  
Sector-7, Nerul, Navi Mumbai-400706**





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**PO4: Critical thinking including intellectual curiosity and reflective thinking:** Practice critical thinking using logical and sequential reasoning, tempered with creative, aesthetic, and intuitive processes to make innovative decisions in complex evolving health care systems.

**PO5: Professional practice with advance technology:** Utilize the latest trends and technology in providing health care

**PO6: Global perspectives:** An awareness of and respect for the social, biological, cultural, and economic interdependence of global life.

**PO7: Human value and Ethics towards practice and research:** Demonstrate an awareness of and sensitivity to ethics and ethical standards on an interpersonal or social level, within a field study and/or profession.

**PO8: Effective Communication:** Demonstrate an ability to communicate effectively and technology skills to provide evidence-based care to diverse populations in a variety of health care settings.

**PO9: Effective Teaching & collaborative:** Develop an ability to design a system, component, or process to meet desired health needs within realistic constraints such as economic, environmental, social, political health and safety, manufacturability, and sustainability.

**PO10: Interdisciplinary:** A capacity to acquire knowledge and understanding of fields of study beyond a single discipline.

**PO11: Leadership and Teamwork skills in social interactions:** Providing nursing care in the framework of organizational leadership and systems management processes.

**PO12: Research/ Clinical research with Evidence-Based Skills:** Apply research methods in the investigation of clinical nursing problems and health care delivery to provide Evidence Base care.





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**PO13: Practitioner of lifelong learning and evidence-based practice:** Ability to work for professional development in their chosen career path, to pursue teaching, research & development activities, demonstrating a commitment to lifelong learning.

## **BASIC B. SC. NURSING: COURSE OUTCOME**

### **Placement — First Year**

**CO1: English:** The Course is designed to enable students to enhance the ability to comprehend spoken and written English (and use English) required for effective communication in their professional work. Students will practice their skills in verbal and written English during clinical and classroom experiences.

CO1.1: Develop good vocabulary skills or better communication.

CO1.2: Effectively communicate with patients while rendering care.

CO1.3: Understands methods of writing and drafting letters in English.

CO1.4: Develop skill in writing effective nursing process and records.

CO1.5: Develop skill in listening comprehension

**CO2: Anatomy:** The Course is designed to enable students to acquire knowledge of the normal structure of various human body systems and understand the alterations in anatomical structures in disease and practice of nursing.

CO2.1: Describe the general structure of the body as a whole.

CO2.2: Describe the general and microscopic structure of each system of the body.

CO2.3: Explain the macroscopic and microscopic structure of each organ of the body.

CO2.4: Understand the effects of alterations in structures of as whole.

CO2.5: Apply the knowledge of anatomy in the practice of nursing.

**CO3: Physiology:** The Course is designed to assist the students to acquire knowledge of the normal physiology of various human body systems and understand the alterations in physiology in diseases and practice of nursing.

CO3.1: Describe the general functions of the body as a whole.

CO3.2: Describe the general and microscopic functions of each system of the body.

CO3.3: Explain the macroscopic and microscopic functions of each organ of the body.

CO3.4: Understand the effects of alterations in functions of as whole.





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CO3.5: Apply the knowledge of physiology in the practice of nursing.

**CO4: Nutrition:** The Course is designed to assist the students to acquire knowledge nutrition for maintenance of optimum health at different stages of life and “its application practice of nursing.

CO4.1: Describe the relationship between nutrition & health.

CO4.2: Understand different types of nutrients, their importance, sources, functions, RDA and problems due to deficiency.

CO4.3: Plan balanced diet for individuals and groups.

CO4.4: Plan menu as per the needs of the person.

CO4.5: Explain methods of effective cooking and food preservation.

CO4.6: Apply the principles of food preparation in the practical field effectively

**CO5: Biochemistry:** The Course is designed to assist the students to acquire knowledge of normal biochemical composition and functioning of human body and understand the alterations biochemistry in diseases for practice of nursing.

CO5.1: Understand the concept of Biochemistry & health.

CO5.2: Describe the Structure and functions of Cell membrane.

CO5.3: Explain the metabolism of carbohydrates

CO5.4: Explain the metabolism of Lipids

CO5.5: Explain the metabolism of Amino acids and Proteins

CO5.6: Describe types, composition and utilization of Vitamins & minerals

CO5.7: Describe Immunochemistry

**CO6: Nursing Foundations:** This course is designed to help the students to develop an understanding of the philosophy, objectives, theories and process of nursing in various Supervised Clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in Supervised Clinical settings.

CO6.1: Demonstrate knowledge on concept of health, health-illness continuum and health care delivery system.

CO6.2: Demonstrate knowledge on scope of nursing practice.

CO6.3: Demonstrate knowledge on concept, theories and models of nursing practice.

CO6.4: Demonstrate desirable attitude to ethics and professional conduct.

CO6.5: Demonstrate skill in communicating effectively with patients and families and team members to maintain effective human relations.

CO6.6: Demonstrate skill in health assessment and monitoring of patients.





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CO6.7: Demonstrate skill in carrying out basic nursing care procedures.

CO6.8: Demonstrate skill in caring for patients with alterations in body functions.

CO6.9: Demonstrate skill in applying steps of nursing process in the care of clients in the hospital and community.

CO6.10: Demonstrate skill in applying scientific principles while performing nursing care.

CO6.11: Demonstrate skill in documentation.

CO6.12: Demonstrate skill in meeting basic psychosocial needs of the clients.

CO6.13: Appreciate principles and techniques of infection control and biomedical waste management

CO6.14: Demonstrate skill in safe administration of drugs

CO6.15: Demonstrate confidence and competence in caring of terminally ill patients.

CO6.16: Demonstrate skill in care of various equipment's and linen in the hospital

CO6.17: Demonstrate skill in care to dying and dead

## **Nursing Foundation – Practical**

CO6.18: Performs admission and discharge procedure

CO6.19: Prepare nursing care plan as per the nursing process format

CO6.20: Communicate effectively with patient, families and team members

CO6.21: Maintain effective human relations

CO6.22: Develop plan for patient teaching

CO6.23: Prepare patient reports

CO6.24: Presents reports

CO6.25: Monitor vital signs

CO6.27: Perform health assessment of each body system

CO6.28: Provide basic nursing care to patients

CO6.29: Perform infection control procedures

CO6.30: Provide care to pre and post operative patients

CO6.31: Perform procedures for care of wounds

CO6.32: Administer drugs

CO6.33: Provide care to dying and dead

CO6.34: Counsel and support relatives

**CO7: Psychology:** This course is designed to assist the students to acquire knowledge of fundamentals of psychology and develop an insight into behavior of self and others. Fu aimed at helping them to practice the principles of mental hygiene for promoting mental nursing practice.





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CO7.1: Understand the importance of psychology in personal and professional life.

CO7.2: Explain the biology of human behavior.

CO7.3: Describe cognitive and affective processes of human mind.

CO7.4: Develops an understanding of self and others.

CO7.5: Explain the influence of personality of human behavior.

CO7.6: Appreciates developmental psychology.

CO7.7: Understands the significance of mental hygiene and mental health.

CO7.8: Assist with psychological assessments and tests.

**CO8: Microbiology:** This course is designed to enable students to acquire understanding of fundamentals of Microbiology and identification of various micro-organisms. It also provides opportunities for practicing infection control measures in hospital and community settings.

CO8.1: Explain concepts and principles of microbiology and their importance in nursing.

CO8.2: Understand the commensal, opportunistic and pathogenic organisms of human body and describe host parasite relationship.

CO8.3: State the sources and modes of transmission of pathogenic and opportunistic organisms including vectors and their role in transmission of diseases; infection control practices

CO8.4: Be conversant with proper methods of collection, storage and transport of clinical material for microbiological investigations.

CO8.5: Understand the principles of immunology and its application in the diagnosis and prevention of infectious diseases.

**CO9: Introduction to Computers:** This course is designed for students to develop basic understanding of use of computer and its applications in nursing.

CO9.1: Identify & define various concepts used in computer.

CO9.2: Identify & describe application of computer in nursing.

CO9.3: Describe & use the DOS & Windows

CO9.4: Describe & demonstrate skill in the use of MS-office.

CO9.5: Describe & demonstrate skill in using multimedia & computer aided teaching & testing.

CO9.6: Identify & demonstrate use of internet & e-mail

CO9.7: Describe & use the statistical packages

CO9.8: Describe the use of Hospital Management System.





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## Placement: Second Year

**CO10: Sociology:** This course is designed to introduce the concepts of sociology related to community and social institutions in India and its relationship with health, illness and nursing.

CO10.1: Describe the structure and the dynamics of the society

CO10.2: Discuss the relationship of the individual to the society.

CO10.3: Understand the social problems and its influence on social changes and the factors contributing to it.

CO10.4: Describe sociological concepts applicable to nursing.

CO10.5: Determine role of sociology in nursing as related to social institution in India

CO10.6: Develop positive attitudes towards individual, family and community.

**CO11: Pharmacology:** This course is designed to enable students to acquire understanding of pharmaco-dynamics, pharmacokinetics, principles of therapeutics and nursing implications.

CO11.1: Understand the basic concepts of pharmacology

CO11.2: Understand the pharmacology of common chemotherapeutics.

CO11.3: Understand common antiseptics, disinfectants and insecticides.

CO11.4: Understand drug acting on various systems of human

**CO12: Pathology:** This course is designed to enable students to acquire knowledge of pathology us disease conditions and apply this knowledge in practice of nursing.

CO12.1: Define the common terms used in pathology.

CO12.2: Appreciate the deviations from normal to abnormal structure and functions of the body system.

CO12.3: Explain Pathological changes in disease condition s of various systems

CO12.4: Describe various laboratory tests in assessment and monitoring of disease conditions

CO12.4: Describe the laboratory tests for examination of body cavity fluids, transudates and exudates

CO12.5: Describe the laboratory tests for examination of Urine and feces.

**CO13: Genetics:** This course is designed to enable students to acquire understanding of Genetics, its role in causation and management of defects and diseases.

CO13.1: Explain nature, principles and perspectives of heredity

CO13.2: Explain Maternal, prenatal and genetic influences on development of defects and diseases

CO13.3: Explain the screening methods for genetic defects and diseases in neonates and children

CO13.4: Identify genetic disorders in adolescents and adults

CO13.5: Describe the role of nurse in genetic services and counseling.







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**CO14: Medical Surgical Nursing (Adult including Geriatrics)-1:** The purpose of this course is to acquire knowledge and develop proficiency in caring for patients with medical and surgical disorders in varieties of health care settings and at home.

CO14.1: Describe the causes, signs and symptoms, treatment and prevention of medical surgical conditions.

CO14.2: Demonstrate skill in carrying out nursing techniques and procedures in keeping with scientific principles.

CO14.3: Discuss nursing process and provide nursing care to patients with various medical surgical conditions.

## **Medical Surgical Nursing (Adult Including Geriatrics)-I**

**Practical** (720 hours- II year)

### **General Medical ward**

CO14.4: Provide nursing care to adult patients with medical disorders

CO14.5: Counsel and educate patients and families

### **General surgical ward**

CO14.6: Provide pre and post-operative nursing care to adult patients with surgical disorders

CO14.7: Counsel and educate patients and families

### **Cardiology Ward**

CO14.8: Provide nursing care to patients with cardiac disorders

CO14.9: Counsel and educate patients and families

### **Skin and communicable diseases**

CO14.10: Identify skin problems

CO14.11: Provide nursing care to patients with skin disorders & communicable diseases

CO14.12: Counsel and educate patients and families

### **Orthopaedic Ward**

CO14.13: Provide nursing care to patients with musculo-skeletal disorders

CO14.14: Counsel and educate patients and families Operation Theatre

CO14.15: Identify instruments used in common operations

CO14.16: Participate in infection control practices in the operation theatre

CO14.17: Set-up the table/ trolleys for common operative procedures







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- CO14.18: Assist in giving anesthesia
- CO14.19: Assist in the operative procedures
- CO14.20: Provide perioperative nursing care

## Acquaint with OT technique

### OT- Laparoscopic, orthopaedic, cardiac

- CO14.21: Identify instruments
- CO14.22: Assist in OT set up
- CO14.23: Supervise sterilization
- CO14.24: Assist in OT table layout
- CO14.25: Observe immediately after operation
- CO14.26: Supervise infection control

**CO15: Community Health Nursing – I:** This course is designed for students to appreciate the principles of promotion and maintenance of health.

- CO15.1: Understand the concepts of community health and community health nursing
- CO15.2: Appreciate the various factors influencing health in the community
- CO15.3: Appreciate the concept, scope, uses and methods of epidemiology
- CO15.4: Understand the epidemiology and nursing management of common communicable diseases and non-communicable diseases.
- CO15.5: Appreciate the concept and scope of demography
- CO15.6: Understand the impact of population explosion and population control

## Community Health Nursing I - Practical

- CO15.7: Build and maintain rapport
- CO15.8: Identify demographic characteristics, health determinants and community health resources
- CO15.9: Diagnose health needs of individual and families
- CO15.10: Provide primary care in health centre
- CO15.11: Counsel and educate individual, family and community

**CO16: Communication & Educational Technology:** This course is designed to help the students acquire an understanding of the principles and methods of communication and teaching. It helps to develop skill in communicating effectively, maintaining effective interpersonal relations, teaching individuals and groups in clinical community health and educational settings.





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CO16.1: Understand the effective communication process using various communication techniques with individuals' groups and health team members.

CO16.2: Establish effective interpersonal and human relations with patients, families and health team members.

CO16.3: Acquire knowledge on concepts, principles on guidance and counseling and develop basic skills for counseling patients, nursing students and nursing personnel.

CO16.4: Understand the philosophy, principles of education and teaching learning process.

CO16.5: Demonstrate teaching skills using various teaching methods in classroom, clinical and community setup using different methods and media.

CO16.6: Demonstrate skill in preparing different types of assessment tools for knowledge attitude and skill.

## **Placement: Third year**

**CO17: Medical-Surgical Nursing (Adult including Geriatrics) – II:** This course is to acquire knowledge and develop skills in providing Evidence based nursing care for patients with medical and surgical disorders in varieties of health care settings and at home.

CO17.1: Provide comprehensive care for patients with disorders of ear nose and throat.

CO17.2: Demonstrate comprehensive care of patients with disorders of eye.

CO17.3: Plan, implement and evaluate nursing management of patients with neurological disorders.

CO17.4: Develop abilities to take care of female patients with reproductive disorders.

CO17.5: Provide care of patients with burns, reconstructive and cosmetic surgery.

CO17.6: Manage patients with oncological conditions using nursing process

CO17.7: Develop skill in providing care during emergency and disaster situations

CO17.8: Plan, implement and evaluate care of elderly

CO17.9: Develop ability to manage patients in critical care units, neurological patients.

CO17.10: Develop evidenced based care for patients with occupational and industrial health disorders.

## **Medical Surgical Nursing (Adult and Geriatrics) II- Practical ENT/OPHT./GYNAEC.**

CO17.11: Provide care to patients with ENT disorders

CO17.12: Counsel and educate patient and families Ophthalmology

CO17.13: Provide care to patients with Eye disorders

CO17.14: Counsel and educate patient and families OT – Eye, ENT

CO17.15: Identify instruments





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- CO17.16: Assist in OT set up
- CO17.17: Supervise sterilization
- CO17.18: Assist in OT table layout
- CO17.19: Observe immediately after operation
- CO17.20: Counsel and educate patient and families Gynecology ward
- CO17.21. Provide care to patients with gynecological disorders
- CO17.22: Counsel and educate patient and families.

## **Burns /Onco. & plastic reconstructive surgery**

- CO17.23: Assess the severity of burns
- CO17.24: Administer rehydration therapy
- CO17.25: Provide care to patients with Burns
- CO17.26: Counsel and educate patient and families
- CO17.27: Observe reconstructive surgery Oncology Unit
- CO17.28: Provide care to patients with cancer

## **Neuro. / ICU**

- CO17.29: Provide care to patients with neurological disorders
- CO17.30: Develop skill in neurological assessment
- CO17.31: Give care to the patient with head injury and spinal injury
- CO17.32: Care with chest surgery and cranial surgery
- CO17.33: Supervise infection control Neurology
- CO17.34: Counsel and educate patient and families Critical care unit (Neuro, general ICU)
- CO17.35: Provide care to critically ill patients
- CO17.36: Counsel patient and families for grief and bereavement

## **Casualty/ Emergency**

- CO17.37: Provide care to patients in emergency and disaster situation
- CO17.38: Counsel patient and families for grief and bereavement.

**CO18: Child Health Nursing:** This course is designed for developing an understanding of the modern approach to child- care, identification, prevention and nursing management of common health problems of neonates and children.

- CO18.1: Explain the modern concept of child care and the principles of child health nursing.
- CO18.2: Describe the normal growth and development and needs of children in various age groups.
- CO18.3: Explain the physiological response of body to disease conditions in children.





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CO18.4: Identify the health needs and problems of neonates and children, plan and implement evidenced based nursing interventions, adopting the child welfare schemes of the government.

CO18.5: Identify the various preventive, promotive and rehabilitative aspects of child care and apply them in providing nursing care to children in the hospital and in the community and guide parents

CO18.6: Identify the social and welfare services for challenged children and children with behavioral and social problems.

## Child Health Nursing – Practical

CO18.7: Provide comprehensive nursing care to children with various medical conditions, surgical conditions and in Paediatric ICU

CO18.7: Provide intensive care to neonates

CO18.8: Recognize different paediatric surgical conditions/malformations

CO18.9: Provide pre and post-operative care to children with common paediatric surgical conditions/malformation

CO18.10: Perform assessment of children: Health Developmental and Anthropometric

CO18.11: Perform immunization

CO18.12: Give Health Education/Nutritional Education Paediatric medicine and surgery ICU

CO18.13: Provide nursing care to critically ill children

CO18.14: Counsel and educate parents Paediatric OPD/ Immunization room

**CO19: Mental Health Nursing:** This course is designed for developing an understanding of the modern approach to mental health, identification, prevention, and nursing management of common mental health problems with special emphasis on therapeutic interventions for individuals, families, and community.

CO19.1: Understand the historical development and current trends in mental health nursing and the ethical and legal practice in the field of psychiatry.

CO19.2: Comprehend and apply principles of psychiatric nursing in clinical practice, using the national programs and health policies

CO19.3: Understand the etiology, psychodynamics and management of psychiatric disorders.

CO19.4: Develop competency in assessment, therapeutic communication and assisting with various treatment modalities.

CO19.5: Understand and accept psychiatric patient as an individual and develop a deeper insight into her own attitudes and emotional reactions.

CO19.6: Develop skill in providing comprehensive care to various kinds of psychiatric patients





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using therapeutic communication skills

CO19.7: Develop understanding regarding psychiatric emergencies and crisis interventions.

CO19.8: Understand the importance of community health nursing in psychiatry.

## Mental Health Nursing – Practical

CO19.9: Assess patients with mental health problems

CO19.10: Observe and assist in therapies

CO19.11: Counsel and educate patient and families

CO19.13: Assessment of children with various mental health problems

CO19.14: Counsel and educate children, families and significant others Child Guidance clinic

CO19.15: Assess patient with mental health problems

CO19.16: To provide nursing care for patients with various mental health problems

CO19.17: Assist in various therapies

CO19.18: Counsel and educate patients, families and significant others Inpatient ward

CO19.19: Assess patient with mental health problems

CO19.20: To provide nursing care for patients with various mental health problems

CO19.21: Assist in various therapies

CO19.22: Counsel and educate patients, families and significant others

**CO20: Nursing Research and Statistics:** The Course is designed to enable students to develop an understanding of basic concepts of research, research process and statistics. It is further, structured to conduct/ participate in need-based research studies in various settings and utilize the research findings to provide quality nursing care. The hours for practical will be utilized for conducting individual/group research project.

CO20.1: Define the terms and concepts of nursing research.

CO20.2: Identify needs and scope of nursing research.

CO20.3: Define research problems.

CO20.4: Locate and list sources of literature review including operational definitions and conceptual framework.

CO20.5: Describe different approaches and research designs in nursing research.

CO20.6: Describe sample and sampling technique.

CO20.7: Develop tool for data collection.

CO20.8: Conduct pilot study to confirm reliability and validity of tool before data collection

CO20.9: To enumerate steps of data analysis and present data summary





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CO20.10: Use descriptive and co- relational statistics in data analysis.

CO20.11: Conduct group project and write report.

CO20.12: Communicate and utilize research findings.

## Placement: Fourth year

**CO21: Midwifery and Obstetrical Nursing:** This course is designed for students to appreciate the concepts and principles of midwifery and obstetrical nursing. It helps them to acquire knowledge and skills in rendering nursing care to normal and high-risk pregnant woman during antenatal, natal and post-natal period& in hospitals and community settings. It also helps to develop skills in managing normal and high-risk neonates and participate in family welfare program.

CO21.1: Describe the normal pregnancy, labor and puerperium and demonstrate the application of knowledge and skill in giving need –based care.

CO21.2: Demonstrate safe management of all stages of labor.

CO21.3: Identify the high-risk factor during pregnancy, labor and puerperium as well as neonates and take appropriate interventions.

CO21.4: Motivate the mother for care of the baby and adapting family planning methods to maintain small family norms.

CO21.5: Prepare the mothers for self-care during the pregnancy, labor and puerperium

CO21.6: Describe management of abnormal labor and obstetrical emergencies.

## Midwifery and Obstetrical Nursing – Practical

CO21.7: Perform assessment in pregnant women/ Labour/ postnatal mother.

CO21.8; Carry out per vaginal examinations

CO21.9: Conduct normal deliveries

CO21.10: Perform episiotomy and suture it.

CO21.11. Resuscitate newborns

CO21.12: Assist with caesarean sections, MTP and other surgical procedures postnatal ward

CO21.13: Provide nursing care to postnatal mother and baby

CO21.14: Counsel and teach mother andfamily for parenthood Newborn nursery

CO21.15: Provide nursing care to newborn at risk Family planning clinic

CO21.16: Counsel for and provide family welfare services

**CO22: Community Health Nursing-II:** This course is designed for students to practice community health nursing for the individual, family and groups at both urban and rural settings by using concept and principles of health and community health nursing.

CO22.1: Demonstrate Understanding of the concepts, scope, principles and historical development





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of community health and community health nursing.

CO22.2: Appreciate the national health plans, health planning committees, policies and problems of India.

CO22.3: Describe the system of delivery of community health services in rural and urban area.

CO22.4: Develop understanding about community health nursing approaches, concepts and roles and responsibilities of nursing personnel in promoting health of individual and the community.

CO22.5: Participate in assisting individuals and groups to promote and maintain their health.

CO22.6: Appreciate the national health and family welfare program and the role of the nurse.

CO22.7: Understand the health agencies at the international and national level.

CO22.8: Describe the system of delivery of community health services in rural and urban area.

CO22.9: Explain the roles and functions of various national and international health agencies

CO22.10: Describe the various health schemes in India.

## Community Health Nursing II – Practical

Identify community profile

CO22.11: Identify prevalent communicable and non-communicable diseases

CO22.12: Diagnose health needs of Individual, families and community

CO22.13: Plan, provide and evaluate care

CO22.14: Participate in school health program

CO22.15: Participate in national health programs

CO22.16: Organize group for self help and involve clients in their own health activities

CO22.17: Provide family welfare services

CO22.18: Counsel and educate individual, family and community

CO22.19: Collect vital health statistics

CO22.20: Maintain records & reports

**CO23: Management of Nursing Services and Education:** This course is designed to enable students to acquire understanding of management of clinical and community health nursing services, nursing educational programs. This is also designed to enable students to acquire understanding of the professional responsibilities, prospects and contribution to the growth of the profession.

CO23.1: Understand the principles and functions of management

CO23.2: Understand the elements and process of management

CO23.3: Appreciate the management of nursing services in the hospital and community.

CO23.4: Apply the concepts, theories and techniques of organizational behavior and human relations.







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CO23.5: Develop skills in planning and organizing in service education program.

CO23.6: Understand the management of nursing educational institutions.

CO23.7: Describe the ethical and legal responsibilities of a professional nurse

CO23.8: Explain the various opportunities for professional advancement.

CO22.9: Demonstrate understanding of professionalism and standards of nursing practice.





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## B.Sc. Nursing(Basic) Curriculum Mapping (CO with PO)

Graduate Attributes	In-depth Knowledge	Social conscious and justice	Professional Skills including Nursing Process	Critical thinking including intellectual curiosity and reflective thinking	Professional practice with advance Technology	Global perspectives	Human value and Ethics towards practice and research	Effective Communication	Effective Teaching & collaborative	Interdisciplinary	Leadership and Teamwork skills in social interactions	Research/ Clinical research with Evidence-Based Skills	Practitioner of lifelong learning and evidence-based practice
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
Courses & Course Outcome	An ability to apply knowledge in the care giving process.	Demonstrate respect for equality of opportunity, individual and civic responsibility with and an appreciation of cultural diversity to meet societal imperatives.	Apply the nursing process to plan and deliver care that is holistic, compassionate, competent, and client-centered autonomously and collaboratively with inter-professional teams.	Practice critical thinking using logical and sequential reasoning, tempered with creative, aesthetic, and intuitive processes to make innovative decisions in complex evolving health care systems.	Utilize the latest trends and technology in providing health care	An awareness of and respect for the social, biological, cultural, and economic interdependence of global life.	Demonstrate an awareness of and sensitivity to ethics and ethical standards on an interpersonal or social level, within a field study and/or profession.	Demonstrate an ability to communicate effectively and technology skills to provide evidence-based care to diverse populations in a variety of health care settings.	Develop an ability to design a system, component, or process to meet desired health needs within realistic constraints such as economic, environmental, social, political health and safety, manufacturability, and sustainability.	A capacity to acquire knowledge and understanding of fields of study beyond a single discipline.	Providing nursing care in the framework of organizational leadership and systems management processes.	Apply research methods in the investigation of clinical nursing problems and health care delivery to provide Evidence Base care.	Ability to work for professional development in their chosen career path, to pursue teaching, research & development activities, demonstrating a commitment to lifelong
I Year													
English (CO1)								I	A	I	I		I





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Anatomy (CO2)	I	I		I									
Physiology (CO3)	I	I		I					I				
Nutrition (CO4)	I	I	I	A		I				I			
Biochemistry (CO5)	I	I	I	A									
Nursing Foundation (CO6)	A	I	A	A	A	I	A	A	A	A			I
Psychology (CO7)	I	I											
Microbiology (CO8)	I	I		A		I							
Introduction to Computers (CO9)	I				A								
<b>II Year</b>													
Sociology (CO10)	A	I			A			I		I			
Pharmacology (CO11)	I			A									
Pathology (CO12)	A	I											
Genetics (CO13)	A	I											
Medical Surgical Nursing (Adult including geriatrics)-I (CO14)	A	M	M	A	M	A	M	M	M	M	M	I	A
Community Health Nursing – I (CO15)	A	I	A	I	A	A	M	M	A	A	I		A
Communication & Education Technology (CO16)					A		M	M	A	M	I		A





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<b>III Year</b>														
Medical Surgical Nursing (Adult including geriatrics)-II (CO17)	A	M	M	A	M	A	M	M	M	M	M	A	A	A
Child Health Nursing (CO18)	A	M	M	A	M	A	M	M	M	M	M	A	A	A
Mental Health Nursing (CO19)	A	M	M	A	M	A	M	M	M	M	M	A	A	A
Nursing and Research Statistics (CO20)				A	I				I			A	A	A
<b>IV Year</b>														
Midwifery and Obstetrical Nursing (CO21)	A	M	M	A	M	A	M	M	M	M	M	A	A	A
Community Health Nursing-II (CO22)	A	M	M	A	M	A	M	M	M	M	M	M	A	A
Management of Nursing Service and Education (CO23)				A	I		M	M	M	M	M	M	A	M

Key: I-Introduce A-Apply M-Mastery





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## POST BASIC B. Sc. NURSING PROGRAMME

### GRADUATE ATTRIBUTES

- GA1: Professional Skills including Nursing Process
- GA2: In-depth Knowledge
- GA3: Interdisciplinary
- GA4: Effective Communication
- GA5: Effective Leadership
- GA6: Effective Teaching & collaborative
- GA7: Teamwork skills in social interactions
- GA8: Human value and Ethics towards practice and research
- GA9: Research/ Clinical research with Evidence-Based Skills
- GA10: Practitioner of lifelong learning and evidence-based practice

### PROGRAMME OUTCOMES

On completion of Post Basic B.Sc. Nursing Degree program the graduates will be able to:

**PO1: Professional Skills including Nursing Process:** Apply the nursing process to plan and deliver care that is holistic, compassionate, competent, and client-centered autonomously and collaboratively with inter-professional teams.

**PO2: In-depth Knowledge:** An ability to apply knowledge in the care giving process.

**PO4: Interdisciplinary:** A capacity to acquire knowledge and understanding of fields of study beyond a single discipline.

**PO5: Effective Communication:** Demonstrate an ability to communicate effectively and technology skills to provide evidence-based care to diverse populations in a variety of health care settings.

**PO6: Effective Leadership:** Providing nursing care in the framework of organizational leadership and systems management processes.

**PO6: Effective Teaching & collaborative:** Develop an ability to design a system, component, or





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process to meet desired health needs within realistic constraints such as economic, environmental, social, political health and safety, manufacturability, and sustainability.

**PO7: Teamwork skills in social interactions:** Demonstrate managerial skills in community health settings.

**PO8: Human value and Ethics towards practice and research:** Demonstrate an awareness of and sensitivity to ethics and ethical standards on an interpersonal or social level, within a field study and/or profession.

**PO9: Research/ Clinical research with Evidence-Based Skills:** Apply research methods in the investigation of clinical nursing problems and health care delivery to provide Evidence Base care.

**PO10: Practitioner of lifelong learning and evidence-based practice:** Ability to work for professional development in their chosen career path, to pursue teaching, research & development activities, demonstrating a commitment to lifelong learning.

## **POST BASIC B. SC. NURSING: COURSE OUTCOME**

### **Placement — First Year**

**CO1: Nursing Foundation:** This course will help students to develop an understanding of the philosophy, objectives and responsibilities of nursing as a profession. The purpose of the course is to orient to the current concepts involved in the practice of nursing and developments in the nursing profession.

CO1.1: Develop desirable attitude to ethics and professional conduct

CO1.2: Identify professional aspects of nursing and utilize the steps of nursing process in giving care to the patients

CO1.3: Appreciates the significance of quality assurance on nursing.





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CO1.4: Develop an understanding of the theories and models of nursing practice.

CO1.5: Explain current trends in health and nursing and identifies the role of nurse in various levels of health services.

**CO2: Nutrition & Dietetics:** This course is designed to provide the students with a wide knowledge of dietetics in Indian setting, that the practice of teaching optimum and realistic dietary planning can become an integral part of nursing practice.

CO2.1: Explain the principles and practice of nutrition and dietetics

CO2.2: Plan therapeutic diet in different settings.

CO2.3: Identify nutritional needs of different age groups and plan diet accordingly

CO2.4: Prepare meals using different methods utilizing cookery rules

**CO3: Biochemistry & Biophysics:**

**CO3.1: Biochemistry:** The broad goal of teaching Biochemistry to nursing students is to enable them to understand, the chemical processes taking place in the human body in health and disease. This will help them to increase the quality of patient care.

CO3.1.1: Describe the principles of biochemistry related to nursing

CO3.1.2: Synthesize the knowledge of these principles in various nursing situations

**CO3.2: Biophysics:** The broad goal of teaching Biophysics to nursing students is to enable them to understand the application of physics principles while providing nursing care to the patients.

CO3.2.1: Describe the principles of biophysics related to nursing

CO3.2.2: Synthesize the knowledge of these principles in various nursing situations

**CO4: Psychology:** This course is designed to orient students with regards to psychological principles, and widen their knowledge of the fundamentals of psychology. The course offers students an opportunity to understand the psychodynamics of patient behavior and to apply theoretical concepts in practical settings.







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CO4.1: Apply psychological principles while performing nursing duties.

CO4.2: Distinguishing psychological processes during health and sickness.

CO4.3: Participate in psychological assessment of client

CO4.4: Applies the theoretical concepts in the clinical settings and understands the psychodynamics of patient behaviour.

CO4.5: Develop an insight into one's own behaviour patterns

**CO5: Microbiology:** This course reorients the students to the fundamentals of Microbiology and its various subdivisions. It provides opportunities to gain skill in handling and use of microscope for identifying various micro-organisms. It also provides opportunities for safe handling of materials containing harmful bacteria and methods of destroying microorganisms.

CO5.1: Identify common disease producing microorganisms.

CO5.2: Explain basic principles of microbiology and its significance in health and disease.

CO5.3: Explain various methods of sterilization and disinfection and the role of nurse in hospital infection control system.

**CO6: Maternal Nursing:** The course is designed to widen the student s knowledge of obstetrics during pregnancy, labour and puerperium. It also helps to acquire knowledge and to develop skill in rendering optimum nursing care to a child bearing mother in a hospital or in community and help in the management of common gynaecological problems.

CO6.1: Describe the physiology of pregnancy, labor and puerperium

CO6.2: Manage normal pregnancy, labor and puerperium, also explains the physiology of lactation and advice on management of breast feeding.

CO6.3: Identify and manage high risk pregnancy.

CO6.4: Provide pre and post operative nursing care inn obstetric conditions.

CO6.5: Teach, guide and supervise auxiliary midwifery personnel and propagate the concept and motivate acceptance of family planning methods.





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**CO7: Child Health Nursing:** This course is aimed at developing an understanding of the modern approach to child care, the principles of child health nursing and the common problems of neonates and children in health and sickness.

CO7.1: Explain the modern concept in child care and principles of child health nursing.

CO7.2: Describe the normal growth and development of children in various age groups

CO7.3: Identify the various preventive, promotive and rehabilitative aspects of child care and apply them in providing nursing care to children in the hospital and in the community

**CO8: Medical -Surgical Nursing:** The purpose of this course is to widen the students' knowledge and develop proficiency in caring for patients with Medical Surgical problems. This course includes review of relevant anatomy & physiology, pathophysiology in Medical Surgical disorders & the nursing management of these conditions.

CO8.1: Explain relevant anatomy and physiology of various systems of the body.

CO8.2: Explain pathophysiology of various disorders

CO8.3: Discuss the treatment, recent advancements and care of patients with medical surgical conditions

CO8.4: Develop skill in giving comprehensive nursing care to patients using nursing process

CO8.5: Appreciate the role of nurse in medical surgical health team.

**CO9: English:** This course is designed to help the student understand and usage of English language required for their professional work.

CO9.1: Ability to speak and write grammatically correct English

CO9.2: Effective skill in reading and understanding the English language

CO9.3: Skill in reporting

## **Placement: IInd Year**

**CO10: Sociology:** This course is to reorient students to sociology related to community of social institution, India and its relationship with health, illness and nursing.





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**CO10.1:** Describe sociological concepts applicable to nursing

**CO10.2:** Determine the role of sociology in nursing as related to social institutes in India

**CO10.3:** Develop positive attitude towards individual, family and community.

**CO11: Community Health Nursing:** The course enables the students to acquire knowledge and understanding of the changing concepts of comprehensive community health nursing practice, the national health care delivery system and to participate in the delivery of community health nursing practice. This course also broadens the understanding in public health nursing administration, responsibility of nurse for early case finding, health assessment and health education based on principles of primary health care, Nursing process approach and comprehensive nursing care to the individual, family and community.

CO11.1: Explain the concept of various factors contributing the health of individual, family and community

CO11.2: Describe national health care delivery system.

CO11.3: Describe epidemiological methods and principles of prevention and control of illness in the community

CO11.4: Identify the role of community health nurse, plan the work of community health nurse and supervise the health workers.

**CO12: Mental Health Nursing:** This course enables the students to recognize and appreciate the causes, symptoms, and process of abnormal human behavior. It also introduces the student to the present-day treatment modalities in the light of psychological, social and cultural factors affecting human behavior. This course helps the student to learn principles of mental health and psychiatric nursing and to develop skills in the management of the mentally ill in hospital and community.

CO12.1: Identify and describe the philosophy and principles of mental health nursing

CO12.2: Develop skills in history taking and performing mental status examination.

CO12.3: Describe etiological factors, psychopathology, clinical features, diagnostic criteria and





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treatment methods used for mental disorders.

CO12.4: Manage the patients with various mental disorders and communicate therapeutically with the patients and their families.

CO12.5: Identify the legal aspects in practice of mental health nursing and role of a nurse in preventive psychiatry.

**CO13: Introduction to Nursing Education:** This course introduces the students to Principles and concepts of Education, curriculum development and methods and media of teaching. It also describes the steps in curriculum development and implementation of an educational programme in Nursing

CO13.1: Describe the philosophy and principles of education

CO13.2: Develop the ability to teach using teaching learning process

CO13.3: Participate in planning and organizing an in-service education programme

CO13.4: Describe the process of assessment

CO13.5: Develop skills in counseling and guidance

**CO14: Introduction to Nursing Service Administration:** This course is designated to give an opportunity to the students to gain an understanding of the principles of administration and its application to nursing service. It is also intended to assist the students to develop an understanding of the need for professional leadership.

CO14.1: Identify the principles of administration and supervision

CO14.2: Explain the principles and methods of personnel management and budgeting

CO14.3: Organize and manage a nursing unit effectively

CO14.4: Identify dynamics of organizational behaviour, styles and functions of effective leadership.

**CO15: Introduction to Nursing Research Statistics:** This course is designed to assist the student to develop an understanding of the basic concepts principles of research and scientific inquiry including the identification of problem and steps in research methodology. This course also





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introduces the basic concepts, and principles of Statistical methods, the use of computers in conducting research project in groups and use the finding in nursing practice.

CO15.1: Define the terms and concepts of nursing research

CO15.2: Identify needs and scope of nursing research

CO15.3: Identify and define a research problem

CO15.4: Locate and list sources of literature for a specific study

CO15.5: Describe different research approaches, methods of data collection and sampling techniques with a special reference to survey method

CO15.6: Develop tool for data collection

CO15.7: Enumerate steps of data analysis and present data summary in tabular form

CO15.8: Use descriptive and co-relational statistics in data analysis

CO15.9: Conduct a group research project.





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## B. Sc. Nursing (Post Basic): Curriculum Mapping (CO with PO)

Graduate Attributes	Professional Skills including Nursing Process	In-depth Knowledge	Interdisciplinary	Effective Communication	Effective Leadership	Effective Teaching & collaborative	Teamwork skills in social interactions	Human value and Ethics towards practice and research	Research/ Clinical research with Evidence-Based Skills	Practitioner of lifelong learning and evidence-based practice
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Courses & Course Outcomes	Apply the nursing process to plan and deliver care that is holistic, compassionate, competent, and client-centered autonomously and collaboratively with inter-professional teams.	An ability to apply knowledge in the care giving process.	A capacity to acquire knowledge and understanding of fields of study beyond a single discipline.	Demonstrate an ability to communicate effectively and technology skills to provide evidence-based care to diverse populations in a variety of health care settings.	Providing nursing care in the framework of organizational leadership and systems management processes.	Develop an ability to design a system, component, or process to meet desired health needs within realistic constraints such as economic, environmental, social, political health and safety, manufacturability, and sustainability.	Demonstrate managerial skills in community health settings.	Demonstrate an awareness of and sensitivity to ethics and ethical standards on an interpersonal or social level, within a field study and/or profession.	Apply research methods in the investigation of clinical nursing problems and health care delivery to provide Evidence Base care.	Ability to work for professional development in their chosen career path, to pursue teaching, research & development activities, demonstrating a commitment to lifelong learning.
I Year										
Nursing Foundation (CO1)	A	M	A	A						R





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Nutrition & Dietetics (CO2)	A	M				A				R
Biochemistry & Biophysics (CO3)	A	M								R
Psychology (CO4)	A	M					A			R
Microbiology (CO5)	A	M								R
Maternal Nursing (CO6)		M	M	M	M	M		M		A
Child Health Nursing (CO7)	A	M	M	M	M	M		M		R
Medical Surgical Nursing (CO8)	A	M	M	M	M	M		M		R
English (CO9)				R						
<b>II Year</b>										
Sociology (CO10)	A									R
Community Health Nursing (CO11)	A	M	M	M	M	M	M	M	A	A
Mental Health Nursing (CO12)	A	M	M	M	M	M		M	A	A
Introduction to Nursing Education (CO13)				M	A	A		A		R







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Introduction to Nursing Service Administration (CO14)			M	M	M	M	M	M	A	M
Introduction to Nursing Research & Statistics (CO15)									M	A

Key: R-Reinforce    A-Apply    M-Mastery





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## M.Sc. NURSING PROGRAMME

### GRADUATE ATTRIBUTES

GA1: In-depth Knowledge

GA2: Professional Practice with advance skill

GA3: Clinical Scholarship (EBP)

GA4: Leadership and Teamwork skills in social interactions

GA5: Research/ Clinical research with Evidence-Based Skills

GA6: Professional Skills including Nursing Process with application of theories

GA7: Effective Communication, Collaboration and Dissemination

GA8: Practitioner of lifelong learning and evidence based practice

### PROGRAMME OUTCOME

On completion of the two years M.Sc. Nursing programme, the graduate will be able to:

**PO1. In-depth Knowledge:** An ability to apply the concepts, theories and principles of nursing science in the care giving process.

**PO2. Professional Practice with advance skill:** Demonstrate advance competence in practice of nursing

**PO3. Clinical Scholarship (EBP):** Practice as a nurse specialist in various specialty.

**PO4. Leadership and Teamwork skills in social interactions:** Providing nursing care in the framework of organizational leadership and systems management processes.

**PO5: Research/ Clinical research with Evidence-Based Skills:** Apply research methods in the investigation of clinical nursing problems and health care delivery to provide Evidence Base care.

**PO6: Professional Skills including Nursing Process with application of theories:** Apply the nursing process to plan and deliver care that is holistic, compassionate, competent, and client-centered autonomously and collaboratively with inter-professional teams.





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**PO7: Effective Communication, Collaboration and Dissemination:** Demonstrate an ability to communicate effectively and technology skills to provide evidence-based care to diverse populations in a variety of health care settings.

**PO8: Practitioner of lifelong learning and evidence based practice:** Ability to work for professional development in their chosen career path, to pursue teaching, research & development activities, demonstrating a commitment to lifelong learning.

## M. SC NURSING: COURSE OUTCOME

### Placement: First Year

**CO1: Nursing Education:** This course is designed to assist students to develop a broad understanding of Fundamental Principles, concepts, trends and issues related to education and nursing education. Further, it would provide opportunity to students to understand, appreciate and acquire skills in teaching and evaluation, curriculum development, implementation, maintenance of standards and accreditation of various nursing educational programs.

CO1.1: Explain the aims of education, philosophies, trends in education and health: its impact on nursing education.

CO1.2: Describe the teaching learning process.

CO1.3: Prepare and utilize various instructional media and methods in teaching learning process.

CO1.4: Demonstrate competency in teaching, using various instructional strategies. CO18:

Critically analyze the existing nursing educational programs their problems, issues and future trends.

CO1.5: Describe the process of curriculum development, and the need the methodology of curriculum changes, innovation and integration.

CO1.6: Plan and conduct continuing nursing education programs.

CO1.7: Critically analyze the existing teacher preparation programs in nursing.

CO1.7: Demonstrate skill in guidance and counseling.

CO1.8: Describe the problems and issues related to administration of nursing curriculum





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including selection and organization of clinical experience.

CO1.9: Explain the development of standards and accreditation process in nursing education program.

CO1.10: identify research priorities in human education.

CO1.11: Discuss various models o collaboration in nursing education and services.

CO1.12: Explain the concept, principles, steps, tools and techniques of evaluation

CO1.13: Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude.

**CO2: Advanced Nursing Practice:** The course is designed to develop an understanding of concepts and constructs of theoretical basis of advance nursing practice and critically analyze different theories of nursing and other disciplines.

CO2.1: Value and Examine the development of nursing profession and its various areas.

CO2.2: Understand the different aspects of health care delivery and nursing practice.

CO2.3: Discuss various scope of nursing practice and its implications in health care

CO2.4: Provide holistic nursing care following nursing process approach to the client.

CO2.5: Discuss concepts, principles, theories, models and approaches relevant to nursing and their application.

CO2.6: Execute extended and expanded role of nursing in clinical and educational set up

## CO3: CLINICAL SPECIALITY — I

**CO3.1: Medical Surgical Nursing:** This course is designed to assist students in developing expertise and in depth knowledge in the field of medical Surgical Nursing. It will help students to appreciate the patient as a holistic individual and develop skill to function as a specialized Medical-Surgical Nurse. It will further enable the student to function as educator, manager and researcher in the field of Medical -Surgical Nursing.

CO3.1.1: Appreciate the trends & issues in the field of Medical – Surgical Nursing as a specialty.

CO3.1.2: Apply concepts & theories related to health promotion.





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- CO3.1.3: Appreciate the client as a holistic individual.
- CO3.1.4: Perform physical, psychosocial assessment of Medical – Surgical patients.
- CO3.1.5: Apply Nursing process in providing care to patients.
- CO3.1.6: Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness.
- CO3.1.7: Recognize and manage emergencies with Medical- Surgical patients.
- CO3.1.8: Describe various recent technologies & treatment modalities in the management of critically ill patients.
- CO3.1.9: Appreciate the legal & ethical issues relevant to Medical – Surgical Nursing.
- CO3.1.10: Prepare a design for layout and management of Medical – Surgical Units.
- CO3.1.11: Appreciate the role of alternative systems of Medicine in care of patients.
- CO3.1.12: Incorporate evidence-based Nursing practice and identify the areas of research in the field of Medical – Surgical Nursing.
- CO3.13: Recognize the role of Nurse practitioner as a member of the Medical – Surgical health team.
- CO3.14: Teach Medical – Surgical nursing to undergraduate nursing students & in- service nurses.

**CO3.2: Obstetric and Gynaecological Nursing:** This course is designed to assist students in developing expertise and in-depth understanding in the field of Obstetric and Gynecological Nursing. It will help students to appreciate the client as a holistic individual and develop skill to function as an independent midwifery practitioner. It will further enable the student to function as educator, manager, and researcher in the field of Obstetric and Gynecological nursing.

- CO3.2.1. Appreciate the trends in the field of midwifery, obstetrics and gynaecology as a specialty.
- CO3.2.2: Describe the population dynamics and indicators of maternal and child health.
- CO3.2.3: Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
- CO3.2.4: Provide comprehensive nursing care to women during reproductive period and newborns.
- CO3.2.5: Integrate the concepts of family centered nursing care and nursing process





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approach in obstetrics and gynaecology nursing

CO3.2.6: Identify and analyze the deviations from normal birth process and refer appropriately.

CO3.2.7: Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse.

CO3.2.8: Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation.

CO3.2.9: Describe the role of various types of complementary and alternative therapies in obstetrics and gynaecology nursing

CO3.2.10: Incorporate evidence based nursing practice and identifies the areas of research in the field of obstetrics and gynaecology nursing

CO3.2.11: Describe the recent advancement in contraceptive technology and birth control measures.

CO3.2.12: Appreciate the legal and ethical issues pertaining to obstetrics and gynaecology nursing.

**CO3.3: Child Health (Paediatric) Nursing:** This course is designed to assist students in developing expertise and in-depth understanding in the field of Pediatric Nursing. It will help students to appreciate the child as a holistic individual and develop skill to function as neonatal and pediatric nurse specialist. It will further enable the student to function as educator, manager, and researcher in the field of Pediatric nursing.

CO3.3.1: Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty.

CO3.3.2: Apply the concepts of growth and development in providing care to the pediatric clients and their families.

CO3.3.3: Appreciate the child as a holistic individual.

CO3.3.4: Perform physical, developmental, and nutritional assessment of pediatric clients.

CO3.3.5: Apply nursing process in providing nursing care to neonates & children.

CO3.3.6: Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.

CO3.3.7: Recognize and manage emergencies in neonates.

CO3.3.8: Describe various recent technologies and treatment modalities in the management of high risk neonates.

CO3.3.9: Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing.

CO3.3.10: Prepare a design for layout and management of neonatal units.





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CO3.3.11: Incorporate evidence based nursing practice and identify the areas of research in the field of pediatric / neonatal nursing.

CO3.3.12: Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team.

CO3.3.13: Teach pediatric nursing to undergraduate students & in-service nurses.

**CO3.4: Mental Health (Psychiatric) Nursing:** This course is designed to assist students in developing expertise and in-depth understanding in the field of Psychiatric Nursing. It will help students to appreciate the client as a holistic individual and develop skill to function as a psychiatric nurse specialist. It will further enable the student to function as an educator, manager, and researcher in the field of Psychiatric nursing.

CO3.4.1: Appreciate the trends and issues in the field of psychiatry and psychiatric nursing

CO3.4.2: Explain the dynamics of personality development and human behaviour

CO3.4.3: Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing

CO3.4.4: Demonstrate therapeutic communication skills in all interactions

CO3.4.5: Demonstrate the role of a psychiatric nurse practitioner in various therapeutic modalities

CO3.4.6: Establish and maintain therapeutic relationship with individual and groups

CO3.4.7: Use assertive techniques in personal and professional actions

CO3.4.8: Promote self-esteem of clients, others and self

CO3.4.9: Apply the nursing process approach in caring for patients with mental disorders

CO3.4.10: Describe the psychopharmacological agents, their effects and the nurse's role

CO3.4.11: Recognize the role of a psychiatric nurse practitioner and as a member of the psychiatric and mental health team

CO3.4.12: Describe various types of alternative systems of medicines used in psychiatric settings

CO3.4.13: Incorporate evidence based nursing practice and identify the areas of research in the field of psychiatric nursing

**CO3.5: Community Health Nursing:** The course is designed to assist students in developing expertise and in-depth understanding in the field of Community Health Nursing. It would help students to appreciate the holistic life style of individuals, families & groups and develop skills to function as a Community Health Nurse specialist/practitioner. It would further enable the student to function as an educator, manager and researcher in the field of Community Health nursing.







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CO3.5.1: Appreciate the history and development in the field of community Health and communityHealth nursing.

CO3.5.2: Appreciate role of individuals and families in promoting health of the community.

CO3.5.3: Perform physical, developmental and nutritional assessment of individuals, families andgroups.

CO3.5.4: Apply the concepts of promotive, preventive, curative and rehabilitative aspect of thehealth while providing care to the people.

CO3.5.5: Apply nursing process approach while providing care to individuals, families, groups andcommunity.

CO3.5.6: Integrate the concepts of family centered nursing approach while providing care to thecommunity.

CO5.5.7: Recognize and participate in the management of emergencies, epidemics and disasters.

CO5.5.8: Apply recent technologies and care modalities while delivering community health nursingcare.

CO5.5.9: Appreciate legal and ethical issues pertaining to community health nursing care.CO5.5.10: Conduct community health nursing care project.

CO5.5.11: Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level.

CO5.5.12: Incorporate evidence based nursing practice and identify the areas of research in the community settings.

CO5.5.13: Participate effectively as a member of Community Health team.

CO5.5.14: Coordinate and collaborate with various agencies operating in the community by usinginter- sectoral approach.

CO5.5.15: Teach community health nursing to undergraduates, in- service nurse and the communityhealth workers.

CO5.5.16: Demonstrate leadership and managerial abilities in community health nursing practice.

## CO4: Nursing Research and Statistics:

**CO4.1: Nursing Research:** The course is designed to assist the students to acquire an understanding of the research methodology and statistical methods as a basis for identifying research problem, planning and implementing a research plan. It will further enable the students to evaluate research studies and utilize research findings to improve quality of nursing practice, education and management.





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CO4.1.1: Define basic research terms and concept.

CO4.1.2: Review literature utilizing various sources

CO4.1.3: Describe research methodology

CO4.1.4: Develop a research study

CO4.1.5: Communicate research findings

CO4.1.6: Utilize research findings

CO4.1.7: Critically evaluate nursing research studies.

CO4.1.8: Write scientific paper for publication

**CO4.2: Statistics:** To develop an understanding of the statistical methods and apply them in conducting research studies in nursing.

CO4.2.1: Explain the basic concepts related to statistics.

CO4.2.2: Describe the scope of statistics in health and nursing

CO4.2.3: Organize tabulate and present data meaningfully.

CO4.2.4: Use descriptive and inferential statistics to predict results.

CO4.2.5: Draw conclusions of the study and predict statistical significance of the results.

CO4.2.6: Describe vital health of the study and predict statistical significance of the results.

CO4.2.7: Use of statistical packages for data analysis.

## **Placement: Second Year**

**CO5 Nursing Management:** This course is designed to assist students to develop a broad understanding of Principles, concepts, trends and issues related to nursing management. Further, it would provide opportunity to students to understand, appreciate and acquire skills in planning, supervision and management of nursing services at different levels to provide quality nursing services.

CO5.1: Describe the philosophy and objectives of the health care institutions at various levels.

CO5.2: Identify trends and issues in nursing





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CO5.3: Discuss the public administration, health care administration vis a vis nursing administration

CO5.4: Describe the principles of administration applied to nursing

CO5.5: Explain the organization of health and nursing services at the various levels/institutions.

CO5.6: Collaborate and co-ordinate with various agencies by using multi-sectoral approach

CO5.7: Discuss the planning, supervision and management of nursing workforce for various health care settings.

CO5.8: Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care

CO5.9: Identify and analyze legal and ethical issues in nursing administration

CO5.10: Describe the process of quality assurance in nursing services.

CO5.11: Demonstrate leadership in nursing at various levels

## CO6: CLINICAL SPECIALITY – II

### CO6.1: Medical Surgical Nursing:

**Sub Specialty - Cardiovascular and Thoracic Nursing:** This course is designed to assist students in developing expertise and in-depth understanding in the field of cardiovascular and thoracic nursing. It will help students to develop advanced skills for nursing intervention in various cardio medical and surgical conditions. It will enable the student to function as Cardio vascular and Thoracic Nurse practitioner / specialist. It will further enable the student to function as educator, manager and researcher in the field of cardio vascular and thoracic nursing.

CO6.1.1: Appreciate trends and issues related to cardiovascular and thoracic nursing.

CO6.1.2: Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardiovascular and thoracic conditions.

CO6.1.3: Participate in national health programs for health promotion, prevention and rehabilitation of patients with cardiovascular and thoracic conditions.

CO6.1.4: Perform physical, psychosocial & spiritual assessment

CO6.1.5: Assist in various diagnostic, therapeutic and surgical procedures

CO6.1.6: Apply nursing process in providing comprehensive care to patients with cardiovascular and thoracic conditions.

CO6.1.7: Demonstrate advanced skills/competence in managing patients with cardiovascular





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and thoracic conditions including advanced cardiac life support.

CO6.1.8: Describe the various drugs used in cardiovascular and thoracic conditions and nurses responsibility

CO6.1.9: Demonstrate skill in handling various equipments/gadgets used for critical care of cardiovascular and thoracic patients

CO6.1.10: Appreciate team work & coordinate activities related to patient care.

CO6.1.11: Practice infection control measures

CO6.1.12: Identify emergencies and complications & take appropriate measures

CO6.1.13: Discuss the legal and ethical issues in cardiovascular and thoracic nursing.

CO6.1.14: Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.

CO6.1.15: Appreciate the role of alternative system of medicine in care of patient

CO6.1.16: Incorporate evidence based nursing practice and identify the areas of research in the field of cardiovascular and thoracic nursing

CO6.1.17: Identify the sources of stress and manage burnout syndrome among healthcare providers.

CO6.1.18: Teach and supervise nurses and allied health workers.

CO6.1.19: Design a layout of ICCU and ICTU and develop standards for cardiovascular and thoracic nursing practice.

**Sub Specialty - Critical Care Nursing:** This course is designed to assist students in developing expertise and in-depth knowledge in the field of Critical Care Nursing. It will help students to develop advanced skills for nursing intervention in caring for critically ill patients. It will enable the student to function as critical care nurse practitioner/ specialist. It will further enable the student to function as educator, manager and researcher in the field of Critical Care Nursing.

CO6.1.20: Appreciate trends and issues related to Critical Care Nursing

CO6.1.21: Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients.

CO6.1.22: Describe the various drugs used in critical care and nurses' responsibility.

CO6.1.23: Perform physical, psychosocial & spiritual assessment

CO6.1.24: Demonstrate advanced skills/competence in managing critically ill patients including advanced cardiac life support

CO6.1.25: Demonstrate skill in handling various equipments/gadgets used for critical care

CO6.1.26: Provide comprehensive care to critically ill patients

CO6.1.27: Appreciate team work & coordinate activities related to patient care





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CO6.1.28: Practice infection control measures.

CO6.1.29: Assess and manage pain

CO6.1.30: Identify complications & take appropriate measures

CO6.1.31: Discuss the legal and ethical issues in critical care nursing

CO6.1.31: Assist patients and their family to cope with emotional and spiritual distress, grief and anxiety

CO6.1.32: Assist in various diagnostic, therapeutic and surgical procedures

CO6.1.33: Incorporate evidence based nursing practice and identify the areas of research in the field of critical care nursing

CO6.1.34: Identify the sources of stress and manage burnout syndrome among healthcare providers.

CO6.1.35: Teach and supervise nurses and allied health workers

CO6.1.36: Design a layout of ICU and develop standards for critical care nursing practice.

## Sub Specialty - Oncology Nursing

CO6.1.37: Explain the prevention, screening and early detection of cancer

CO6.1.38: Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems

CO6.1.39: Describe the psychosocial effects of cancer on patients and families

CO6.1.40: Demonstrate skill in administering/assisting various treatment modalities used for patients with cancer

CO6.1.41: Apply nursing process in providing holistic care to patients with cancer.

CO6.1.42: Apply specific concepts of pain management

CO6.1.42: Appreciate the care of death and dying patients and value of bereavement support

CO6.1.43: Describe the philosophy, concept and various dimensions of palliative care

CO6.1.44: Appreciate the role of alternative systems of medicine in care of patients with cancer

CO6.1.45: Appreciate the legal & ethical issues relevant to oncology nursing

CO6.1.46: Recognize and manage oncological emergencies

CO6.1.47: Counsel the patients with cancer and their families

CO6.1.48: Incorporate evidence based nursing practice and identify the areas of research in the field of oncology nursing

CO6.1.49: Recognize the role of oncology nurse practitioner as a member of the oncology team

CO6.1.50: Collaborate with other agencies and utilize resources in caring for cancer patients.

CO6.1.51: Teach and supervise nurses and allied health workers

CO6.1.52: Design a layout and develop standards for management of oncology units/hospitals and nursing care.





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## Sub Specialty - Neurosciences Nursing

- CO6.1.53: Appreciate trends and issues related to neurology and neurosurgical nursing
- CO6.1.54: Review the anatomy and physiology of nervous system
- CO6.1.55: Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients with neurological and neurosurgical disorders
- CO6.1.56: Perform neurological assessment and assist in diagnostic procedures
- CO6.1.57: Describe the concepts and principles of neurosciences nursing
- CO6.1.58: Describe the various drugs used in neurosciences and nurses responsibility.
- CO6.1.59: Assist in various therapeutic and surgical procedures in neuroscience nursing
- CO6.1.60: Demonstrate advanced skills/competence in managing patients with neurological and neurosurgical disorder following nursing process approach
- CO6.1.61: Identify psychosocial problems of patients with disabilities and assist patients and theirfamily to cope with emotional and spiritual distress, grief and anxiety
- CO6.1.62: Participate in preventive, promotive and rehabilitative services for neurological and neurosurgical patients.
- CO6.1.63: Explain the legal and ethical issues related to brain death, organ transplantation andpractice of neuroscience nursing
- CO6.1.64: Incorporate evidence based nursing practice and identify the areas of research in the fieldof neuroscience nursing
- CO6.1.64: Organize and contact in-service education program for nursing personnel
- CO6.1.65: Develop standards of care for quality assurance in neuroscience nursing practice
- CO6.1.66: Identify the sources of stress and manage burnout syndrome among healthcare providers
- CO6.1.67: Teach and supervise nurses and allied health workers
- CO6.1.68: Plan and develop physical layout of neuro intensive care unit

## Sub Specialty - Nephro-Urology Nursing

- CO6.1.69: Appreciate trends and issues related to nephro and urological nursing
- CO6.1.70: Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of nephroand urological conditions
- CO6.1.71: Perform physical, psychosocial & spiritual assessment
- CO6.1.72: Assist in various diagnostic, therapeutic and surgical interventions
- CO6.1.73: Provide comprehensive care to patients with nephro and urological conditions
- CO6.1.74: Describe the various drugs used in nephro and urological conditions and nurses responsibility.
- CO6.1.75: Demonstrate skill in handling various equipment/gadgets used for patients with nephro andurological conditions





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- CO6.1.76: Appreciate team work & coordinate activities related to patient care
- CO6.1.77: Practice infection control measures
- CO6.1.78: Identify emergencies and complications & take appropriate measures
- CO6.1.79: Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs
- CO6.1.80: Discuss the legal and ethical issues in nephro and urological nursing
- CO6.1.81: Identify the sources of stress and manage burnout syndrome among healthcare providers
- CO6.1.82: Appreciate the role of alternative system of medicine in the care of patient
- CO6.1.83: Incorporate evidence based nursing practice and identify the areas of research in the field of nephro and urological nursing
- CO6.1.84: Teach and supervise nurses and allied health workers
- CO6.1.85: Design a layout of kidney transplant unit care, dialysis unit
- CO6.1.86: Develop standards of nephro urological nursing practice

## Sub Specialty - Orthopedic Nursing

- CO6.1.87: Appreciate the history and developments in the field of orthopedic nursing
- CO6.1.88: Identify the psychosocial needs of the patient while providing holistic care
- CO6.1.89: Perform physical and psychological assessment of patients with orthopedic conditions and disabilities
- CO6.1.90: Describe the various disease conditions and their management
- CO6.1.91: Discuss various diagnostic tests required in orthopedic conditions
- CO6.1.92: Apply nursing process in providing care to patients with orthopedic conditions and those requiring rehabilitation
- CO6.1.93: Recognize and manage orthopedic emergencies
- CO6.1.94: Describe recent technologies and treatment modalities in the management of patients with orthopedic conditions and those requiring rehabilitation
- CO6.1.95: Integrate the concept of family centered, long term care and community based rehabilitation to patients with orthopedic conditions
- CO6.1.96: Counsel the patients and their families with orthopedic conditions
- CO6.1.97: Describe various orthotic and prosthetic appliances
- CO6.1.98: Appreciate the legal and ethical issues pertaining to patients with orthopedic conditions and those requiring rehabilitation
- CO6.1.99: Appreciate the role of alternative system of medicine in care of patients with orthopedic conditions
- CO6.1.100: Incorporate evidence based nursing practice and identify the areas of research in the field of orthopedic nursing







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CO6.1.101: Recognize the role of orthopedic nurse practitioner and as a member of the orthopedic and rehabilitation team

CO6.1.102: Teach orthopedic nursing to undergraduate students and in-service nurses

CO6.1.103: Prepare a design and layout of orthopedic and rehabilitative unit

## Sub Specialty - Gastroenterology Nursing

CO6.1.104: Appreciate trends and issues related to gastroenterology nursing

CO6.1.105: Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of gastrointestinal conditions

CO6.1.106: Participate in national health programs for health promotion, prevention and rehabilitation of patient with gastrointestinal conditions

CO6.1.107: Perform physical, psychosocial & spiritual assessment

CO6.1.108: Assist in various diagnostic, therapeutic and surgical procedures

CO6.1.109: Provide comprehensive care to patients with gastrointestinal conditions

CO6.1.110: Describe the various drugs used in gastrointestinal conditions and nurses responsibility.

CO6.1.111: Demonstrate skill in handling various equipments/gadgets used for patients with gastrointestinal conditions

CO6.1.112: Appreciate team work & coordinate activities related to patient care

CO6.1.113: Practice infection control measures

CO6.1.114: Identify emergencies and complications & take appropriate measures

CO6.1.115: Assist patients and their family to cope with emotional distress, grief and anxiety and spiritual needs

CO6.1.116: Discuss the legal and ethical issues in GE nursing

CO6.1.117: Identify the sources of stress and manage burnout syndrome among healthcare providers

CO6.1.118: Appreciate the role of alternative system of medicine in the care of patient with GI disorders

CO6.1.119: Incorporate evidence based nursing practice and identify the areas of research in the field of gastrointestinal nursing

CO6.1.120: Teach and supervise nurses and allied health workers

CO6.1.121: Design a layout of Gastroenterology intensive care unit (GEICU), liver care/transplant unit.







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**CO6.2: Obstetric and Gynaecological Nursing:** This course is designed to assist the student in developing expertise and in-depth understanding in the field of Obstetric and gynecological Nursing .It will help the student to develop advanced nursing skills for nursing interventions in various obstetrical and gynecological conditions. It will further enable the students to function as midwifery nurse practitioner/ specialist, educator, manager and researcher in the field of obstetric and gynecological nursing.

CO6.2.1: Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of womenwith obstetric and gynaecological conditions.

CO6.2.2: Perform physical, psychosocial, cultural and spiritual assessment.

CO6.2.3: Demonstrate competence in caring for women with obstetrical and gynaecological conditions

CO6.2.4: Demonstrate competence in caring for high risk newborn

CO6.2.5: Identify and manage obstetrical and neonatal emergencies as per protocol.

CO6.2.6: Practice infection control measures.

CO6.2.7: Utilize recent technology and various diagnostic, therapeutic modalities in the managementof obstetrical, gynecological and neonatal care

CO6.2.8: Demonstrate skill in handling various equipments/gadgets used for obstetrical, gynaecological and neonatal care

CO6.2.9: Teach and supervise nurses and allied health workers

CO6.2.10: Design a layout of specialty units of obstetrics and gynecology

CO6.2.11: Develop standards for obstetrical and gynaecological nursing practice

CO6.2.12: Counsel women and families

CO6.2.13: Incorporate evidence based nursing practice and identify the areas of research in the fieldof obstetrical and gynaecology nursing

CO6.2.14: Function as independent midwifery nurse practitioner

**CO6.3: Pediatric (Child Health) Nursing:** This course is designed to assist students in developing expertise and in-depth understanding in the field of Pediatric Nursing. It will help students to develop advanced skills for nursing intervention in various pediatric medical and surgical conditions. It will enable the student to function as pediatric nurse practitioner/specialist. It will further enable the student to function as educator, manager, and researcher in the field of Paediatric nursing.





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CO6.3.1: Apply the nursing process in the care of ill infants to pre adolescents in hospital and community

CO6.3.2: Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems

CO6.3.3: Recognize and manage emergencies in children

CO6.3.4: Provide nursing care to critically ill children

CO6.3.5: Utilize the recent technology and various treatment modalities in the management of high risk children

CO6.3.6: Prepare a design for layout and describe standards for management of pediatric units/hospitals

CO6.3.7: Identify areas of research in the field of pediatric nursing

**CO6.4: Psychiatric (Mental Health) Nursing:** This course is designed to assist students in developing expertise and in-depth understanding in the field of Psychiatric Nursing. It will help students to develop advanced skills for nursing intervention in various psychiatric conditions. It will enable the student to function as psychiatric nurse practitioner/specialist. It will further enable the student to function as educator, manager, and researcher in the field of Psychiatric nursing.

CO6.4.1: Apply the nursing process in the care of patients with mental disorders in hospital and community

CO6.4.2: Demonstrate advanced skills/competence in nursing management of patients with mental disorders

CO6.4.3: Identify and care for special groups like children, adolescents, women, elderly, abused and neglected people living with HIV/AIDS

CO6.4.4: Identify and manage psychiatric emergencies

CO6.4.5: Provide nursing care to critically ill patients with mental disorders

CO6.4.6: Utilize the recent technology and various treatment modalities in the management of patients with mental disorders

CO6.4.7: Demonstrate skills in carrying out crisis intervention

CO6.4.8: Appreciate the legal and ethical issues pertaining to psychiatric nursing

CO6.4.9: Identify areas of research in the field of psychiatric nursing

CO6.4.10: Prepare a design for layout and describe standards for management of psychiatric units/emergency units/hospitals

CO6.4.11: Teach psychiatric nursing to undergraduate students & in-service nurses





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website: [www.dypatil.edu](http://www.dypatil.edu)

**CO6.5: Community Health Nursing:** This course is designed to assist students in developing expertise and in-depth understanding in the field of community health nursing. It will help students to develop advanced skills for nursing intervention in various aspects of community health care settings. It will enable the student to function as community health Nurse practitioner/specialist. It will further enable the student to function as educator, manager and researcher in the field of community health nursing.

CO6.5.1: Appreciate trends and issues related to community health nursing- reproductive and child health, school health, occupational health, international health, rehabilitation, geriatric and mental health

CO6.5.2: Apply epidemiological concepts and principles in community health nursing practice

CO6.5.3: Perform community health assessment and plan health programme

CO6.5.4: Describe the various components of reproductive and child health programme

CO6.5.5: Demonstrate leadership abilities in organizing community health nursing services by using inter-sectoral approach

CO6.5.6: Describe the role and responsibilities of community health nurse in various National Health and Family Welfare Programmes

CO6.5.7: Participate in the implementation of various national health and family welfare programme

CO6.5.8: Demonstrate competencies in providing family centered nursing care independently

CO6.5.9: Participate/conduct research for new insights and innovative solutions to health problems

CO6.5.10: Teach and supervise nurses and allied health workers

CO6.5.11: Design a layout of sub center /Primary health center/ Community health centre and develop standards for community health nursing practice.





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## M. Sc. Nursing Curriculum Mapping (CO with PO)

Graduate Attributes	In-depth Knowledge	Professional Practice with advance skill	Clinical Scholarship (EBP)	Leadership and Teamwork skills in social interactions	Research/ Clinical research with Evidence-Based Skills	Professional Skills including Nursing Process with application of theories	Effective Communication and Dissemination	Practitioner of lifelong learning and evidence based practice
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
Courses & Course outcomes	An ability to apply the concepts, theories and principles of nursing science in the care giving process.	Demonstrate advance competence in practice of nursing	Practice as a nurse specialist in various specialty.	Providing nursing care in the framework of organizational leadership and systems management processes.	Apply research methods in the investigation of clinical nursing problems and health care delivery to provide Evidence Base care.	Apply the nursing process to plan and deliver care that is holistic, compassionate, competent, and client-centered autonomously and collaboratively with inter-professional teams.	Demonstrate an ability to communicate effectively and technology skills to provide evidence-based care to diverse populations in a variety of health care settings.	Ability to work for professional development in their chosen career path, to pursue teaching, research & development activities, demonstrating a commitment to lifelong learning.
<b>I Year</b>								
Nursing Education (CO1)	A	M		M				A
Advanced Nursing Practice (CO2)	M	M	A	A	A	A	M	A





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Clinical Specialty- I Medical Surgical Nursing (CO3)	M	M	A	A	A	A	M	A
Clinical Specialty-I Obstetrics & Gynaecology Nursing (CO3.1)	M	M	A	A	A	A	M	A
Clinical Specialty- I Paediatric Nursing (CO3.2)	M	M	A	A	A	A	M	A
Clinical Specialty- I Psychiatric Nursing (CO3.3)	M	M	A	A	A	A	M	A
Clinical Specialty- I Community Health Nursing (CO3.4)	M	M	A	A	A	A	M	A
Nursing Research & Statistics (CO3.5)	A				A		M	A
<b>II Year</b>							M	A
Nursing Management (CO5)	M			M	M	A	M	A
Clinical Specialty - II (CO6) Medical Surgical Nursing (Cardio Vascular & Thoracic Nursing, Critical Care Nursing, Oncology Nursing, Neurosciences Nursing, Nephro-Urology Nursing, Orthopedic Nursing and Gastro Enterology Nursing) (CO6.1)	M	M	M	A	A	A	M	A
Clinical Specialty - II Obstetrics & Gynaecology Nursing (CO6.2)	M	M	M	M	M	A	M	A





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Clinical Specialty - II Paediatric Nursing (CO6.3)	M	M	M	M	M	A	M	A
Clinical Specialty - IIPsychiatric Nursing (CO6.4)	M	M	M	M	M	A	M	A
Clinical Specialty - IICommunity Health Nursing (CO6.5)	M	M	M	M	M	A	M	A

Key: A-Apply M-Mastery

**Principal**

**Dr. D. Y. Patil College of Nursing  
Sector-7, Nerul, Navi Mumbai-400706**

