

### 2.6.1

The Institution has stated the learning outcomes (generic and programme-specific) and graduate attributes as per the provisions of the Regulatory bodies and the University; which are communicated to the students and teachers through the website and other documents

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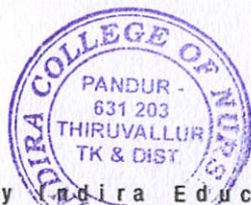
### **2.6.1 Learning Outcome and Graduate Attribute for B. Sc (N)**


#### **GRADUATE ATTRIBUTE FOR B.SC (N)**

1. Nursing is based on values of caring, and aims to help individuals to attain independence in self-care.
2. It necessitates development of compassion and understanding of human behaviour among its practitioners to provide care with respect and dignity and protect the rights of individuals and groups
3. Undergraduate nursing program is broad based education within an academic framework, specifically directed to the development of critical thinking skills, competencies & standards required for practice of professional nursing and midwifery as envisaged in National Health Policy 2002.
4. The teachers have the responsibility to be role models and create learning environment that enables students to acquire inquiry driven, self-directed learning and foster an attitude of lifelong learning
5. Undergraduate nursing education program prepares its graduates to become exemplary citizen by adhering to code of ethics and professional conduct at all times in fulfilling personal, social and professional obligations so as to respond to national aspirations

#### **GRADUATE ATTRIBUTE FOR M. Sc(N)**

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



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

### **LEARNING OUTCOMES**

#### **B. Sc (N) – I YEAR**

#### **ENGLISH**


**At the end of the Nursing program, Student shall be able to**

- Speak & write
- Grammatically correct English.
- Develop ability to read, understand and express meaningfully, the prescribed text
- Develop writing skills
- Develop skill in spoken English.
- Developing skills in listening comprehension

#### **ANATOMY**

- Describe the anatomical terms, organization of human body and structure of cell, tissues, membranes and glands
- Describe the structure & function of bones and joint
- Describe the structure and function of muscles
- Describe the structure & function of nervous system
- Explain the structure & functions of sensory organs
- Describe the structure & functions of respiratory system
- Describe the structure & functions of digestive system
- Describe the structure & functions of excretory system
- Describe the structure & functions of endocrine system
- Describe the structure and functions of reproductive system



  
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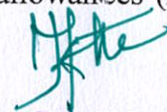
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## PHYSIOLOGY

- Describe the physiology of cell, tissues, membranes and glands.
- Describe the bone formation and growth and movements of skeleton system
- Describe the muscle movements and tone and demonstrate muscle contraction and tone
- Describe the physiology of nerve stimulus
- s, reflexes, brain, cranial and spinal nerves
- Demonstrate reflex action and stimulus.
- Describe the physiology blood and functions of Heart
- Demonstrate blood cell count, coagulation, grouping, Hb
- BP and Pulse monitoring.
- Describe the physiology and mechanisms of respiration
- Demonstrates spirometry.
- Describes the physiology of digestive system
- Demonstrates BMR
- Describe the physiology of Excretory system.
- Describe the physiology of sensory organs
- Describe the physiology of endocrine glands
- Describe the physiology of male and female reproductive System
- Describe the physiology of Lymphatic and Immunological System

## NUTRITION

- Describe the relationship between nutrition & Health
- Describe the classification, functions, sources and recommended daily allowances (RDA) of Fats
- Describe the daily calorie requirement for different categories of people
- Describe the classification, functions, sources and recommended daily allowances (RDA) of Vitamins
- Describe the sources, functions and requirements of Water & electrolytes
- Describe the Cookery rules and preservation of nutrients



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- Prepare and serve simple beverages and different types of foods.
- Describe and plan balanced diet for different categories of people
- Describe various national programmes related to nutrition
- Describe the role of nurse in assessment of nutritional status and nutrition education

### **BIOCHEMISTRY**

Describe the structure Composition and functions of cell

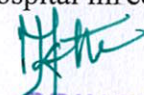
- Differentiate between Prokaryote and Eukaryote cell
- Identify techniques of Microscopy
- Describe the Structure and functions of Cell membrane.
- Explain the metabolism of carbohydrates
- Explain the metabolism of Lipids
- Explain the metabolism of Amino acids and Proteins
- Describe types, composition and utilization of Vitamins & minerals
- Describe Immune-chemistry

### **PSYCHOLOGY**

- Describe the history, scope and methods of psychology
- Explain the biology of Human behaviour
- Describe various cognitive processes and their application
- Describe motivation, emotions, stress, attitudes and their influence on behaviour
- Explain the concepts of personality and its influence on behaviour
- Describe psychology of people during the life cycle

### **MICROBIOLOGY**

- Explain concepts and principles of microbiology and their Importance nursing
- Describe structure, classification morphology and growth of bacteria Identify Micro- organisms
- Describe the methods of infection control Identify the role of nurse in hospital infection Control programme.
- Describe the different disease producing organism
- Explain the concept of immunity, hyper sensitivity and immunization

  
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### **INTRODUCTION TO COMPUTERS**

- Identify & define various concepts used in computer identify application of computer in nursing
- Describe and Use the Disk Operating System
- Demonstrate skill in the use of MS Office.
- Demonstrate skill in using multi-media
- Identify features of computer aided teaching and testing
- Demonstrate use of internet and Email
- Describe and use the statistical packages
- Describe the use of Hospital Management System.

### **NURSING FOUNDATIONS**

- Describe the concept of health, illness and health care agencies
- Explain the concept and scope of nursing
- Describe values, code of ethics and professional conduct for nurses in India.
- Explain the admission and discharge procedure
- Performs admission and discharge procedure.
- Communicate effectively with patient, families and team member and maintain effective human Relations (projecting professional image)
- Appreciate the importance of patient teaching in nursing
- Explain the concept, uses, format and steps of nursing process
- Documents nursing process as per the format.
- Describe the purposes, types and techniques of recording and reporting
- Describe principles and techniques of monitoring and maintaining vital signs
- Monitor and maintain vital signs
- Describe purpose and process of health assessment
- Describe the health assessment each body system
- Perform health assessment of each body system
- Identifies the various machinery, equipment and linen and their care
- Describe the basic, physiological and psychosocial needs of patient



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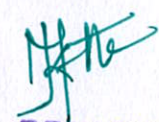
- Describe the principles and techniques for meeting basic, Physiological and psychosocial needs of patient
- Perform nursing assessment, plan, implement and evaluate the care for meeting basic, physiological and psychosocial needs of patient.
- Describe principles and techniques for infection control and biomedical waste management in Supervised Clinical settings.
- Explain the principles, routes, effects of administration of medications Calculate conversions of drugs and dosages within measurements Administer drugs by the following routes oral, Intradermal, Subcutaneous Intramuscular, Intra Venous topical, inhalation. Administer drugs by the following routes oral, Intra-dermal, Subcutaneous
- Intramuscular, Intra Venous topical, inhalation.
- Describe the pre and post operative care of patients Explain the process of wound healing Explain the principles and techniques of care
- Perform care of wounds
- Explain care of patients having alterations in body functioning
- Explain care of terminally ill patient
- Explain the basic concepts of conceptual and theoretical models of nursing.

### BSC NURSING II YEAR

#### SOCIOLOGY

- State the importance of sociology in Nursing
- Describe the inter- relationship of individual in society and community
- Describe the influence of culture and on health and disease
- Describe the institutions of family and marriage in India.
- Describe the class and caste system and their influence on health and health practices.
- Describe the types of communities in India, their practices and the impact on health.
- Explain the process of Social Change
- Explain the process of Social Change
- Explain the nature and process of social control
- Describe the role of the nurse in dealing with social problems in India



  
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### **PHARMACOLOGY**

- Describe pharmaco- dynamics, pharmaco- kinetics, classification and the principles of drug Administration
- Describe Antiseptics, disinfectants, insecticides and nurse's responsibilities.
- Describe Drugs acting on Gastro Intestinal system and nurse's responsibilities
- Describe Drugs used on Respiratory Systems and nurse's responsibilities
- Describe Drugs used on Urinary System and nurse's responsibilities
- Describe Drugs used in De-addiction, emergency, deficiency of vitamins & numerals, poisoning, for immunization and immune suppression and nurse's responsibilities.
- Describe Drugs used on skin and mucous membranes and nurse's responsibilities.
- Describe Drugs used on Nervous System and nurses' responsibilities.
- Describe drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy and nurse's responsibilities.

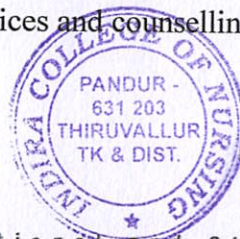
### **PATHOLOGY AND GENETICS**

#### **Section: A Pathology**

- Define the common terms used in pathology.
- Appreciate the deviations from normal to abnormal structure and functions of the body system.
- Explain Pathological changes in disease conditions of various systems
- Describe various laboratory tests in assessment and monitoring of disease conditions
- Describe the laboratory tests for examination of body cavity fluids, transudates and exudates
- Describe the laboratory tests for examination of Urine and faces

#### **Section- B Genetics**

- Explain nature, principles and perspectives of heredity.
- Explain Maternal, prenatal and genetic influences on development of defects and diseases
- Explain the screening methods for genetic defects and diseases in neonates and children
- Identify genetic disorders in adolescents and adults.
- Describe the role of nurse in genetic services and counselling.





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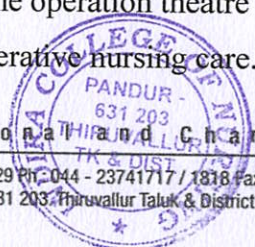
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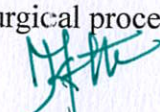
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### **MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS)-I**

- Appreciate the trends in medical and surgical nursing.
- Describe the role of a nurse in caring for adult patient in hospital and community.
- Describe the concepts of Medical Surgical asepsis
- Describe the common signs, symptoms, problems and their Specific nursing intervention
- Describe the etiologic, Patho- physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of respiratory systems
- Describe the etiologic, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of digestive systems
- Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with blood and cardiovascular problems  
Describes the vascular conditions and its nursing management.
- Describe the etiology, patho physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of genito-urinary system
- Clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of male reproductive system.
- Describe the etiologic, Patho physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of endocrine system
- Describe the etiologic, Patho- physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of Skin
- Describe the etiologic, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of musculoskeletal system
- Describe the etiologic, Patho physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of Immunological system
- Describe the etiologic, Patho physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with Communicable Diseases
- Describe the Organization and physical set up of operation theatre
- Identify the various instruments and equipments used for used for common surgical procedures
- Describe the infection control measures in the operation theatre
- Describe the role of the nurse in the Pen Operative nursing care.

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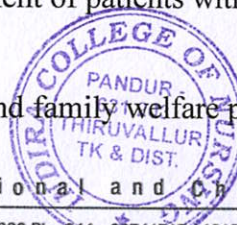
  
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### **Community Health Nursing – I**

- Describe concept and dimensions of health
- Describe determinants of health
- Describe concept, scope, uses methods and approaches of epidemiology
- Describe Epidemiology and nursing: management of common Communicable Diseases
- Describe Epidemiology and nursing management of common Non communicable disease
- Describe Epidemiology and nursing management of common Non communicable diseases
- Identify the impact of population explosion in India
- Describe methods of population control Communication & Educational Technology
- Describe the communication process identify techniques of effective communication
- Establish effective inter-personal relations with patients, families & co-workers
- Develop effective human relations in context of nursing
- Develop basic skill of counselling and guidance
- Describe the philosophy & principles of Education
- Explain the teaching learning process
- Demonstrate teaching skill using various teaching. methods in clinical, classroom and community settings Prepare and use different type of educational media effectively
- Teach individuals, groups and communities about health with their active participation

### **Medical Surgical Nursing (Adult including Geriatrics) II**

- Describe the etiologic, Patho- physiology, clinical manifestations, diagnostic measures and management of patients with disorders of Ear Nose and Throat.
- Describe the Ethology, Patho physiology, clinical manifestations diagnostic measures and management of patients with disorders of eye.
- Describe the ethology, pathophysiology, clinical manifestations diagnostic measures and nursing management of patients with neurological disorders
- Describe the ethology, pathophysiology, clinical manifestations
- Diagnostic measures and nursing management of patients with disorders of female reproductive system.
- Describe concepts of reproductive health and family welfare programme



  
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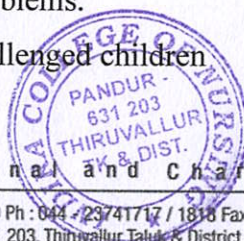
- Describe the etiologic, pathophysiology, clinical manifestations, diagnostic measures and nursing management of patients with Burns, reconstructive and cosmetic surgery
- Describe the ethicology, pathophysiology, clinical manifestations, diagnostic measures and nursing management of patients with oncology
- Describe organization of emergency and disaster care services
- Describe the role of nurse in disaster management
- Describe the role of nurse in management of common Emergencies
- Explain concept and problem of aging.
- Describe nursing care of the elderly.
- Describe organization of critical care units
- Describe the role of nurse in management of patient's critical care units.
- Describe the etiologic, pathophysiology, clinical manifestation, assessment diagnostic measures and management patient with occupational and industrial health disorders.

### **Child Health Nursing**

- Explain the modern concept of child care & principles of child health nursing
- Describe national policy programs and legislation in relation to child health and welfare.
- List major causes of death during infancy, early & late childhood
- Describe the major functions and role of the Pediatric nurse in caring for a hospitalized child.
- Describe the principles of child health nursing
- Describe the normal growth & development of children at different ages
- Identify the needs of children at different ages & provide parental guidance
- Identify the nutritional needs of children at different ages and ways of meeting the needs
- Appreciate the role of play for normal & sick children
- Appreciate the preventive measures and strategies for children.
- Provide care to normal & high-risk neonates Perform neonatal resuscitation.
- Recognize and manage common neonatal problems.
- Identify measures to prevent common childhood diseases including immunization
- Provide nursing care in common childhood diseases.
- Manage the child with behavioural social problems.
- Identify the social & welfare services for challenged children



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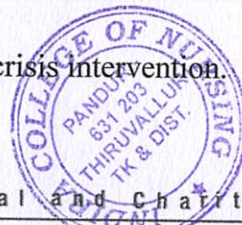
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### **Mental Health Nursing**

- Describes the historical development & current trends in mental health nursing
- Describe the epidemiology of mental health problems
- Describe the National Mental Health Act, programmes and mental health policy
- Discusses the scope of mental health nursing
- Describe the concept of normal & abnormal behaviour
- Defines the various terms used in mental health Nursing
- Explains the classification of mental disorders
- Explain
- Explain the Principles and standards of Mental health Nursing – Describe the conceptual models of mental health nursing.
- Describe nature, purpose and process of assessment of mental health status
- Identify therapeutic communication techniques
- Describe therapeutic relationship Describe therapeutic impasse and its intervention.
- Explain treatment modalities and therapies used in mental disorders and role of the nurse.
- Describe the etiologic, psychopathology, clinical manifestations, diagnostic criteria and management of patients with Schizophrenia, and other psychotic disorders
- Describe the etiologic, psycho- pathology, clinical manifestations, diagnostic criteria and management of patients with mood disorders
- Describe the etiologic, psycho- pathology, clinical manifestations, diagnostic criteria and management of patients with neurotic, stress related and somatization disorders.
- Describe the etiologic, psycho- pathology, clinical manifestations, diagnostic criteria and management of patients with substance use disorders
- Describe the etiologic, psycho- pathology, clinical manifestations
- Diagnostic criteria and management of patients with personality, Sexual and Eating disorders.
- Describe the ethology, psycho- pathology, clinical manifestations, diagnostic criteria and management of childhood and adolescent disorders including mental deficiency.
- Describe the etiologic, psycho- pathology, clinical manifestations, diagnostic criteria and management of organic brain disorders.
- Identify psychiatric emergencies and carry out crisis intervention.
- Describe the model of preventive psychiatry





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### **Midwifery and Obstetrical Nursing**

- Recognize the trends and issues in midwifery and obstetrical nursing
- Describe the anatomy and physiology of female reproductive system.
- Describe the diagnosis and management of women during antenatal period.
- Describe the physiology and stages of labour.
- Describe the management of women during intra- natal period.
- Describe the assessment and management of normal neonate
- Describe the Identification and management of women with high-risk pregnancy
- Describe management of abnormal labour. And obstetrical emergencies
- Describe management of post-natal complications
- Identify the high-risk neonates and their nursing management.
- Describe indication, dosage, action, side effects and nurses' responsibilities in the administration of drugs used for mothers
- Appreciate the importance of family welfare programme
- Describe the methods of contraception and role of nurse in family welfare programme

### **Community Health Nursing**

- Describe health plans, policies, various health committees and health problems in India
- Describe the system of delivery of community health services in rural and urban areas
- Describe Community health Nursing approaches and concepts
- Describe the roles and responsibilities of Community health nursing Personne
- Describe and appreciate the activities of community health nurse in assisting individuals and groups to promote and maintain their health
- Describe National Health and Family Welfare Programmes and Role of Nurse
- Describe the various health schemes in India.
- Explain the roles and functions of various national and international health agencies.



  
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### **NURSING RESEARCH AND STATISTICS**

- Describe the concept of
- Research, terms, need and areas of research in nursing.
- Explain the steps of research process.
- Identify and state the research problem and objectives
- Review the related literature.
- Describe the research approaches and designs
- Explain the sampling process
- Describe the methods of data collection.
- Analyse, Interpret and summarize the research data
- Explain the use of statistics, scales of measurement and graphical presentation of data
- Describe the measures of central tendency and variability and

### **MANAGEMENT OF NURSING SERVICES AND EDUCATION**

- Explain the principles and functions of management.
- Describe the elements and process of management
- Describe the Management of nursing services in the hospital and Community
- Describe the concepts, theories and techniques of Organizational behaviour and human relations
- Participate in planning and organizing in service education program
- Describe the ethical and legal responsibilities of a professional nurse.
- Explain the nursing practice standards.
- Explain the various opportunities for professional advancement



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### **2.6.1 LINK FOR LEARNING OUTCOME FOR M. Sc(N)**

#### **LEARNING OUTCOMES**

#### **M.SC NURSING – I YEAR**

At the end of the Nursing program, student shall be able to


#### **NURSING EDUCATION**

- Explain the aims of education, philosophies, trends in education and health: its
- Impact on nursing education.
- Describe the teaching learning process.
- Prepare and utilize various instructional media and methods in
- Teaching learning process
- Demonstrate competency in teaching, using various instructional strategies.
- Critically analyse the existing nursing educational programs, their problems,
- Issues and future trends.
- Curriculum change, innovation and integration

#### **Plan and conduct continuing nursing education programs**

- Critically analyse the existing teacher preparation programs in nursing.
- Demonstrate skill in guidance and counselling.
- Describe the problems and issues related to administration of nursing curriculum
- Including selection and organization of clinical experience.
- Explain the development of standards and accreditation process in nursing Education programs.
- Identify research priorities in nursing education.
- Discuss various models of collaboration in nursing education and services
- Explain the concept, principles, steps, tools and techniques of evaluation
- Construct, administer and evaluate various tools for assessment of knowledge, Skill and attitude



  
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### **ADVANCED NURSING PRACTICE**

- Appreciate and analyse the development of nursing as a profession.
- Describe ethical, legal, political and economic aspects of health care delivery and Nursing practice.
- Explain bio- psycho- social dynamics of health, life style and health care delivery System.
- Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
- Describe scope of nursing practice.
- Provide holistic and competent nursing care following nursing process approach.
- Identify latest trends in nursing and the basis of advance nursing practice
- Perform extended and expanded role of nurse
- Describe alternative modalities of nursing care.
- Describe the concept of quality control in nursing
- Identify the scope of nursing research
- Use computer in patient care delivery system and nursing practice.
- Appreciate importance of self-development and professional advancement.

### **CLINICAL SPECIALITY – I MEDICAL SURGICAL NURSING**

- Appreciate the trends & issues in the field of Medical
- 1 – Surgical Nursing as a speciality.
- Apply concepts & theories related to health promotion
- Appreciate the client as a holistic individual
- Perform physical, psycho social assessment of Medical – Surgical patients.
- Apply Nursing process in providing care to patients.
- Integrate the concept of family centered nursing care with associated disorder such as genetic, Congenital and long-term illness
- Recognize and manage emergencies with Medical- Surgical patients.
- Describe various recent technologies & treatment modalities in the management of critically ill patients.
- Appreciate the legal & ethical issues relevant to Medical – Surgical Nursing.
- Prepare a design for layout and management of Medical – Surgical Units
- Appreciate the role of alternative systems of Medicine in care of patients.

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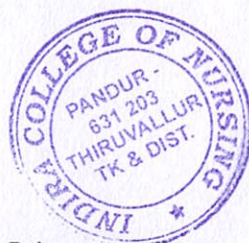
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- Incorporate evidence-based Nursing practice and identify the areas of research in the field of Medical –Surgical Nursing.
- Recognize the role of Nurse practitioner as a member of the Medical – Surgical health team.
- Teach Medical – Surgical nursing to undergraduate nursing students & in-service nurses

### **CLINICAL SPECIALTY –I**

#### **CHILD HEALTH (PAEDIATRIC) NURSING**

- Appreciate the history and developments in the field of pediatrics and Pediatric nursing as a specialty
- Apply the concepts of growth and development in providing care to the Pediatric clients and their families
- Appreciate the child as a holistic individual
- Perform physical, developmental, and nutritional assessment of Pediatric clients
- Apply nursing process in providing nursing care to neonates & Children
- Integrate the concept of family centered Pediatric nursing care with related areas such as genetic disorders, congenital malformations and long-term illness.
- Recognize and manage emergencies in neonate
- Describe various recent technologies and treatment modalities in the management of high-risk neonates
- Appreciate the legal and ethical issues pertaining to Pediatric and neonatal Nursing
- Prepare a design for layout and management of neonatal units
- Incorporate evidence-based nursing practice and identify the areas of research in the field of Pediatric/neonatal nursing
- Recognize the role of Pediatric nurse practitioner and as a member of the Pediatric and neonatal health team
- Teach Pediatric nursing to undergraduate students & in-service nurses



  
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### **CLINICAL SPECIALITY-I**

#### **OBSTETRIC AND GYNAECOLOGICAL NURSING**

- Appreciate the trends in the field of midwifery, obstetrics and gynaecology as specialty.
- Describe the population dynamics and indicators of maternal and child health
- Describe the concepts of biophysical, psychological and spiritual aspect of normal pregnancy, labour and puerperium.
- Provide comprehensive nursing care to women during reproductive period and Newborns.
- Integrate the concepts of family centered nursing care and nursing process
- Approach in obstetric and gynaecological nursing.
- Identify and analyse the deviations from normal birth process and refer appropriately.
- Describe the pharmacological agents, their effects during pregnancy, child birth, Puerperium, lactation and the role of nurse
- Counsel adolescents, women and families on issues pertaining to pregnancy, Child birth and lactation
- Describe the role of various types of complementary and alternative therapies in obstetric and gynaecological nursing
- Incorporate evidence-based nursing practice and identify the areas of research in the field of obstetric and gynaecological nursing
- Describe the recent advancement in contraceptive technology and birth control Measures
- Appreciate the legal and ethical issues pertaining to obstetric and gynaecological nursing

### **CLINICAL SPECIALITY- I**

#### **COMMUNITY HEALTH NURSING**

- Appreciate the history and development in the field of Community
- Health and Community Health Nursing
- Appreciate role of individuals and families in promoting health of the Community.
- Perform physical, developmental and nutritional assessment of individuals, families and group
- Apply the concepts of promotive, preventive, curative and rehabilitative aspects of
- Health while providing care to the people.



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- Apply nursing process approach while providing care to individuals, families, groups and community.
- Integrate the concepts of family centered nursing approach while providing care to the community.
- Recognize and participate in the management of emergencies, epidemics and disasters.
- Apply recent technologies and care modalities while delivering community health nursing care.
- Appreciate legal and ethical issues pertaining Participate effectively as a member of Community Health team
- Coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach
- Teach community health nursing to undergraduates, in-service nurses and the Community health workers.
- Demonstrate leadership and managerial abilities in community health nursing practice

### CLINICAL SPECIALITY – I

#### MENTAL HEALTH (PSYCHIATRIC) NURSING

- Appreciate the trends and issues in the field of psychiatry and psychiatric nursing.
- Explain the dynamics of personality development and human behaviour.
- Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing
- Demonstrate therapeutic communications skills in all interactions
- Demonstrate the role of psychiatric nurse practitioner in various therapeutic Modalities
- Establish and maintain therapeutic relationship with individual and group
- Uses assertive techniques in personal and professional actions
- Promotes self-esteem of clients, others and self.
- Apply the nursing process approach in caring for patients with mental disorders
- Describe the psychopharmacological agents, their effects and nurse's role
- Recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team
- Describe various types of alternative system of medicines used in psychiatric setting
- Incorporate evidence-based nursing practice and identifies the areas of research in the field of psychiatric nursing



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### **NURSING RESEARCH AND STATISTICS**

#### **Part-A: Nursing Research**

- Define basic research terms and concepts.
- Review literature utilizing various source
- Describe research methodology
- Develop a research proposal.
- Conduct a research study
- Communicate research findings
- Utilize research findings
- Critically evaluate nursing research studies
- Write scientific paper for publication.

#### **Part –B: Statistics**

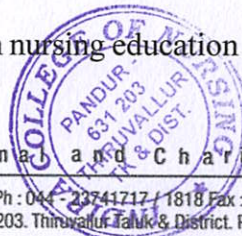
- Explain the basic concepts related to statistic
- Describe the scope of statistics in health and nursing
- Organize, tabulate and present data meaningfully.
- Use descriptive and inferential statistics to predict results
- Draw conclusions of the study and predict statistical significance of the results
- Describe vital health statistics and their use in health-related research
- Use statistical packages for data analysis

### **NURSING MANAGEMENT**

- Describe the philosophy and objectives of the health care institutions at various levels
- Identify trends and issues in nursing
- Discuss the public administration, health care administration vs. nursing administration
- Describe the principles of administration applied to nursing
- Explain the organization of health and nursing services at the various Levels/institutions.
- Collaborate and co-ordinate with various agencies by using multi- sectoral approach
- Discuss the planning, supervision and management of nursing workforce for various
- Health care setting.
- Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care



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- Identify and analyse legal and ethical issues in nursing administration
- Describe the process of quality assurance in nursing services.
- Demonstrate leadership in nursing at various levels.

### **CLINICAL SPECIALITY – II**

#### **MEDICAL SURGICAL NURSING SUB SPECIALITY**

#### **CARDIO VASCULAR AND THORACIC NURSING**

- Appreciate trends and issues related to cardio vascular and thoracic Nursing.
- Describe the epidemiology, etiologic, psychophysiology and diagnostic assessment of cardio vascular and thoracic conditions
- Participate in national health programs for health promotion, prevention and rehabilitation of patients with cardio vascular and thoracic conditions
- Perform physical, psychosocial & spiritual assessment
- Assist in various diagnostic, therapeutic and surgical procedures
- Apply nursing process in providing comprehensive care to patients with cardio vascular and thoracic conditions
- Demonstrate advance skills/competence in managing patients with cardio vascular and thoracic conditions including Advance Cardiac Life Support.
- Describe the various drugs used in cardio vascular and thoracic conditions and nurses responsibility
- Demonstrate skill in handling various equipments/gadgets used for critical care of cardio vascular and thoracic patients
- Appreciate team work & coordinate activities related to patient care
- . – Practice infection control measures.
- Identify emergencies and complications & take appropriate measures
- Discuss the legal and ethical issues in cardio vascular and thoracic nursing
- Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.
- Appreciate the role of alternative system of medicine in care of patient
- Incorporate evidence-based nursing practice and identify the areas of research in the field of cardio vascular and thoracic nursing
- Identify the sources of stress and manage burnout syndrome among health care providers.
- Teach and supervise nurses and allied health workers



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- Design a layout of ICCU and ICTU and develop standards for cardio vascular and thoracic nursing practice.

### **CLINICAL SPECIALITY – II MEDICAL SURGICAL NURSING - CRITICAL CARE NURSING**

- Appreciate trends and issues related to Critical Care Nursing
- Describe the epidemiology, etiologic, pathophysiology and diagnostic assessment of critically ill patients
- Describe the various drugs used in critical care and nurses' responsibility
- Perform physical, psychosocial & spiritual assessment
- Demonstrate advance skills/competence in managing critically ill patients including Advance Cardiac Life Support.
- Demonstrate skill in handling various equipments/gadgets used for critical care
- Provide comprehensive care to critically ill patients
- Appreciate team work & coordinate activities related to patient care.
- Practice infection control measures.
- Assess and manage pain.
- Identify complications & take appropriate measures
- Discuss the legal and ethical issues in critical care nursing
- Assist patients and their family to cope with emotional distress, spiritual, grief and anxiety
- Assist in various diagnostic, therapeutic and surgical procedures
- Incorporate evidence-based nursing practice and identify the areas of research in the field of critical care nursing.
- Identify the sources of stress and manage burnout syndrome among health care Providers.
- Teach and supervise nurses and allied health workers
- Design a layout of ICU and develop standards for critical care nursing practice.



  
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### **CLINICAL SPECIALITY-II**

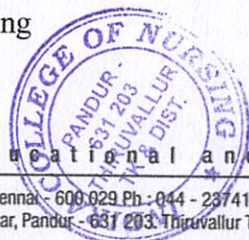
#### **PEDIATRIC (CHILD HEALTH) NURSING**

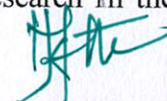
- Apply the nursing process in the care of ill infants to pre adolescents in hospital and community
- Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems
- Recognize and manage emergencies in children
- Provide nursing care to critically ill children
- Utilize the recent technology and various treatment modalities in the management of high-risk children
- Prepare a design for layout and describe standards for management of Pediatric Units/hospitals
- Identify areas of research in the field of Pediatric nursing

### **CLINICAL SPECIALITY – II**

#### **OBSTETRIC AND GYNAECOLOGICAL NURSING**

- Describe the epidemiology, etiologic, pathophysiology and diagnostic assessment of women with obstetric and gynaecological conditions
- Perform physical, psychosocial, cultural & spiritual assessment
- Demonstrate competence in caring for women with obstetrical and gynaecological condition  
Demonstrate competence in caring for high-risk newborn.
- Identify and manage obstetrical and neonatal emergencies as per protocol.
- Practice infection control measures
- Utilize recent technology and various diagnostic, therapeutic
- Demonstrate skill in handling various equipments/gadgets used for obstetrical, gynaecological and neonatal care
- Teach and supervise nurses and allied health workers
- Design a layout of specialty units of obstetrics and gynaecology
- Develop standards for obstetrical and gynaecological nursing practice.
- Counsel women and families
- Incorporate evidence-based nursing practice and identify the areas of research in the field of obstetrical and gynaecological nursing





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### **CLINICAL SPECIALITY – II**

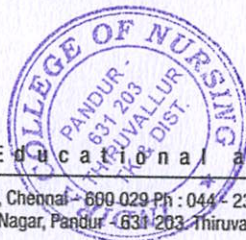
#### **COMMUNITY HEALTH NURSING**

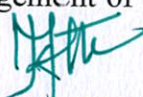
- Appreciate trends and issues related to community health Nursing- reproductive and child health, school health, Occupational health, international health, rehabilitation, geriatric and mental health.
- Apply epidemiological concepts and principles in community health nursing practice
- Perform community health assessment and plan health programmes
- Describe the various components of Reproductive and child health programme.
- Demonstrate leadership abilities in organizing community health
- Describe the role and responsibilities of community health nurse in various national health and family welfare programmes
- Participate in the implementation of various national health and family welfare programme
- Demonstrate competencies in providing family centered nursing care independently
- Participate/Conduct research for new insights and innovative solutions to health problems
- Teach and supervise nurses and allied health workers.
- Design a layout of sub centre/Primary health centre/Community health centre and develop standards for community health nursing practice

### **CLINICAL SPECIALITY - II**

#### **PSYCHIATRIC (MENTAL HEALTH) NURSING**

- Apply the nursing process in the care of patients with mental disorders in hospital and community
- Demonstrate advanced skills/competence in nursing management of patients with mental disorders
- Identify and care for special groups like children, adolescents, women, elderly,
- Abused and neglected, people living with HIV/AIDS
- Identify and manage psychiatric emergencies.
- Provide nursing care to critically ill patients with mental disorder
- Utilize the recent technology and various treatment modalities in the management of patients with mental disorders



  
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- Demonstrate skills in carrying out crisis intervention.
- Appreciate the legal and ethical issues pertaining to psychiatric nursing.
- Identify areas of research in the field of psychiatric nursing.
- Prepare a design for layout and describe standards for management of
- Psychiatric units/emergency units/hospitals
- Teach psychiatric nursing to undergraduate students & in-service nurses.



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