



COURSE OUTCOME

SL.NO	COURSE
M.Sc. Nursing - I Year	
1	Nursing Education
2	Advance Nursing Practice
3	Clinical Speciality-I
	i. Medical Surgical Nursing
	ii. Obstetrics and Gynecological Nursing
	iii. Child Health (Pediatric) Nursing
	iv. Mental Health (Psychiatric) Nursing
	v. Community Health Nursing
4	Nursing Research & Statistics
M.Sc. Nursing - II Year	
1	Nursing Management
2	Clinical Speciality – II
	i. Medical Surgical Nursing
	a. Cardiovascular & Thoracic Nursing
	b. Critical Care Nursing
	c. Oncology Nursing
	d. Neuroscience Nursing
	e. Nephro-Urology Nursing
	f. Orthopedic Nursing
	g. Gastroenterology Nursing
	ii. Obstetric & Gynecological Nursing
	iii. Pediatric (Child Health) Nursing
	iv. Mental Health (Psychiatric) Nursing
	v. Community Health Nursing



Course: M.Sc. Nursing I Year

At the end of the course the students will be able to:

1. NURSING EDUCATION

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

CO 2: Describe the teaching learning process.

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

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

CO 5: Critically analyze the existing nursing educational programs, their problems, issues and future trends.

CO 6: Describe the process of curriculum development, and the need and methodology of curriculum change innovation and integration.

CO 7: Plan and conduct continuing nursing education programs.

CO 8: Critically analyze the existing teacher preparation programs in nursing.

CO 9: Demonstrate skill in guidance and counseling.

CO 10: Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.

CO 11 Explain the development of standards and accreditation process in nursing education programs.

CO 12. Identify research priorities in nursing education.

CO 13. Discuss various models of collaboration in nursing education and services.

CO 14. Explain the concept, principles, steps, tools and techniques of evaluation.

CO 15. Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude

2. ADVANCED NURSING PRACTICE

CO1. Appreciate and analyze the development of nursing as a profession.

CO2. Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.

CO3. Explain bio-psycho-social dynamics of health, life style and health care delivery system.

CO4. Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.



- CO5. Describe scope of nursing practice.
- CO6. Provide holistic and competent nursing care following nursing process approach.
- CO7. Identify latest trends in nursing and the basis of advance nursing practice.
- CO8. Perform extended and expanded role of nurse.
- CO9. Describe alternative modalities of nursing care.
- CO10. Describe the concept of quality control in nursing.
- CO11. Identify the scope of nursing research.
- CO12. Use computer in patient care delivery system and nursing practice.
- CO13. Appreciate importance of self development and professional advancement.

3. CLINICAL SPECIALITY – I

i. MEDICAL SURGICAL NURSING

- CO1. Appreciate the trends & issues in the field of medical surgical nursing as a specialty.
- CO2. Apply concepts & theories related to health promotion.
- CO3. Appreciate the client as a holistic individual.
- CO4. Perform physical, psychosocial assessment of medical surgical patients.
- CO5. Apply nursing process in providing care to patients.
- CO6. Integrate the concept of family centered nursing care with associated disorders such as genetic, congenital and long term illness.
- CO7. Recognize and manage emergencies with medical surgical patients.
- CO8. Describe various recent technologies & treatment modalities in the management of critically ill patients.
- CO9. Appreciate the legal & ethical issues relevant to medical surgical nursing.
- CO10. Prepare a design for layout and management of medical surgical units.
- CO11. Appreciate the role of alternative system of medicine in care of patients.
- CO12. Incorporate evidence based nursing practice and identify the areas of research in the field of medical surgical nursing.
- CO13. Recognize the role of nurse practitioner as a member of medical surgical health team.



CO14. Teach medical surgical nursing to undergraduate nursing students and in-service nurses

ii. OBSTETRICS AND GYNAECOLOGY NURSING

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

CO2. Describe the population dynamics and indicators of maternal and child health.

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

CO4. Provide comprehensive nursing care to women during reproductive period and newborns.

CO5. Integrate the concepts of family centered nursing care and nursing process approach in obstetrics and gynecology nursing

CO6. Identify and analyze the deviations from normal birth process and refer appropriately.

CO7. Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse.

CO8. Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation.

CO9. Describe the role of various types of complementary and alternative therapies in obstetrics and gynaecology nursing

CO10. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynaecology nursing

CO11. Describe the recent advancement in contraceptive technology and birth control measures

CO12. Appreciate the legal and ethical issues pertaining to obstetrics and gynaecology nursing.

iii. CHILD HEALTH (PAEDIATRIC) NURSING

CO1. Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty.

CO2. Apply the concepts of growth and development in providing care to the pediatric clients and their families.

CO3. Appreciate the child as a holistic individual.

CO4. Perform physical, developmental, and nutritional assessment of pediatric clients.

CO5. Apply nursing process in providing nursing care to neonates & children.

CO6. Integrate the concept of family centered pediatric nursing care with related areas such as genetic



disorders, congenital malformations and long term illness.

CO7. Recognize and manage emergencies in neonates.

CO8. Describe various recent technologies and treatment modalities in the management of high risk neonates.

CO9. Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing.

CO10. Prepare a design for layout and management of neonatal units.

CO11. Incorporate evidence based nursing practice and identify the areas of research in the field of pediatric and neonatal nursing.

CO12. Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team.

CO13. Teach pediatric nursing to undergraduate students & in-service nurses.

iv. MENTAL HEALTH (PSYCHIATRIC) NURSING

CO1. Appreciate the trends and issues in the field of psychiatry and psychiatric nursing

CO2. Explain the dynamics of personality development and human behaviour

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

CO4. Demonstrate therapeutic communication skills in all interactions

CO5. Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities

CO6. Establish and maintain therapeutic relationship with individual and groups

CO7. Use assertive techniques in personal and professional actions

CO8. Promote self-esteem of clients, others and self

CO9. Apply the nursing process approach in caring for patients with mental disorders

CO10. Describe the psychopharmacological agents, their effects and nurses role

CO11. Recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team

CO12. Describe various types of alternative system of medicines used in psychiatric settings

CO13. Incorporate evidence based nursing practice and identify the areas of research in the field of psychiatric nursing



v. COMMUNITY HEALTH NURSING

- CO1. Appreciate the history and development in the field of community Health and community Health nursing.
- CO2. Appreciate role of individuals and families in promoting health of the community.
- CO3. Perform physical, developmental and nutritional assessment of individuals, families and groups.
- CO4. Apply the concepts of promotive, preventive, curative and rehabilitative aspect of the health while providing care to the people.
- CO5. Apply nursing process approach while providing care to individuals, families, groups and community.
- CO6. Integrate the concepts of family centered nursing approach while providing care to the community.
- CO7. Recognize and participate in the management of emergencies, epidemics and disasters.
- CO8. Apply recent technologies and care modalities while delivering community health nursing care.
- CO9. Appreciate legal and ethical issues pertaining to community health nursing care.
- CO10. Conduct community health nursing care project.
- CO11. Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level.
- CO12. Incorporate evidence based nursing practice and identify the areas of research in the community settings.
- CO13. Participate effectively as a member of Community Health team.
- CO14. Coordinate and collaborate with various agencies operating in the community by using inter- sectoral approach.
- CO15. Teach community health nursing to undergraduates, in- service nurse and the community health workers.
- CO16. Demonstrate leadership and managerial abilities in community health nursing practice.

4. NURSING RESEARCH AND STATISTICS

- CO1. Define basic research terms and concepts.
- CO2. Review literature utilizing various sources.
- CO3. Describe research methodology.
- CO4. Develop a research proposal.
- CO5. Conduct of a research study.



- CO6. Communicate research findings.
- CO7. Utilize research findings.
- CO8. Critically evaluate nursing research studies.
- CO9. Write scientific papers for publication
- CO10. Explain the basic concepts related to statistics
- CO11. Describe the scope of statistics in health and nursing
- CO 12. Organize, tabulate and present data meaningfully
- CO 13. Use descriptive and inferential statistics to predict results
- CO14. Draw conclusions of the study and predict statistical significance of the results
- CO15. Describe vital health statistics and their use in health related research
- CO16. Use statistical packages for data analysis

Course: M.Sc. Nursing II Year

At the end of the course the students will be able to:

1. NURSING MANAGEMENT

- CO1. Describe the philosophy and objectives of the healthcare institutions at various levels.
- CO2. Identify trends and issues in nursing.
- CO3. Discuss the public administration, healthcare administration vis a vis nursing administration
- CO4. Describe the principles of administration applied to nursing.
- CO5. Explain the organization of health and nursing services at the various levels/institutions.
- CO6. Collaborate and co-ordinate with various agencies by using multi-sectoral approach.
- CO7. Discuss the planning, supervision and management of nursing workforce of various healthcare setting
- CO8. Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care.
- CO9. Identify and analyse legal and ethical issues in nursing administration.
- CO10. Describe the process of quality assurance in nursing services.
- CO11. Demonstrate leadership in nursing at various levels.



2. CLINICAL SPECIALITY – II

i. MEDICAL SURGICAL NURSING

a. CARDIOVASCULAR AND THORACIC NURSING

CO1. Appreciate trends and issues related to cardiovascular and thoracic nursing.

CO2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardiovascular and thoracic conditions.

CO3. Participate in national health programs for health promotion, prevention and rehabilitation of patients with cardiovascular and thoracic conditions.

CO4. Perform physical, psychosocial & spiritual assessment

CO5. Assist in various diagnostic, therapeutic and surgical procedures

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

CO7. Demonstrate advanced skills/competence in managing patients with cardiovascular and thoracic conditions including advanced cardiac life support.

CO8. Describe the various drugs used in cardiovascular and thoracic conditions and nurses responsibility

CO9. Demonstrate skill in handling various equipments/gadgets used for critical care of cardiovascular and thoracic patients

CO10. Appreciate team work & coordinate activities related to patient care.

CO11. Practice infection control measures

CO12. Identify emergencies and complications & take appropriate measures

CO13. Discuss the legal and ethical issues in cardiovascular and thoracic nursing.

CO14. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.

CO15. Appreciate the role of alternative system of medicine in care of patient

CO16. Incorporate evidence based nursing practice and identify the areas of research in the field of cardiovascular and thoracic nursing

CO17. Identify the sources of stress and manage burnout syndrome among healthcare providers.

CO18. Teach and supervise nurses and allied health workers.

CO19. Design a layout of ICCU and ICTU and develop standards for cardiovascular and thoracic nursing practice.



b. CRITICAL CARE NURSING

CO1. Appreciate trends and issues related to Critical Care Nursing

CO2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients.

CO3. Describe the various drugs used in critical care and nurses' responsibility.

CO4. Perform physical, psychosocial & spiritual assessment

CO5. Demonstrate advanced skills/competence in managing critically ill patients including advanced cardiac life support

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

CO7. Provide comprehensive care to critically ill patients

CO8. Appreciate team work & coordinate activities related to patient care

CO9. Practice infection control measures.

CO10. Assess and manage pain

CO11. Identify complications & take appropriate measures

CO12. Discuss the legal and ethical issues in critical care nursing

CO13. Assist patients and their family to cope with emotional and spiritual distress, grief and anxiety

CO14. Assist in various diagnostic, therapeutic and surgical procedures

CO15. Incorporate evidence based nursing practice and identify the areas of research in the field of critical care nursing

CO16. Identify the sources of stress and manage burnout syndrome among healthcare providers.

CO17. Teach and supervise nurses and allied health workers

CO18. Design a layout of ICU and develop standards for critical care nursing practice.

c. ONCOLOGY NURSING

CO1. Explain the prevention, screening and early detection of cancer

CO2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems

CO3. Describe the psychosocial effects of cancer on patients and families



- CO4. Demonstrate skill in administering/assisting various treatment modalities used for patients with cancer
- CO5. Apply nursing process in providing holistic care to patients with cancer.
- CO6. Apply specific concepts of pain management
- CO7. Appreciate the care of death and dying patients and value of bereavement support
- CO8. Describe the philosophy, concept and various dimensions of palliative care
- CO9. Appreciate the role of alternative systems of medicine in care of patients with cancer
- CO10. Appreciate the legal & ethical issues relevant to oncology nursing
- CO11. Recognize and manage oncological emergencies
- CO12. Counsel the patients with cancer and their families
- CO13. Incorporate evidence based nursing practice and identify the areas of research in the field of oncology nursing
- CO14. Recognize the role of oncology nurse practitioner as a member of the oncology team
- CO15. Collaborate with other agencies and utilize resources in caring for cancer patients.
- CO16. Teach and supervise nurses and allied health workers
- CO17. Design a layout and develop standards for management of oncology units/hospitals and nursing care.

d. NEUROSCIENCES NURSING

- CO1. Appreciate trends and issues related to neurology and neurosurgical nursing
- CO2. Review the anatomy and physiology of nervous system
- CO3. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients with neurological and neurosurgical disorders
- CO4. Perform neurological assessment and assist in diagnostic procedures
- CO5. Describe the concepts and principles of neurosciences nursing
- CO6. Describe the various drugs used in neurosciences and nurses responsibility.
- CO7. Assist in various therapeutic and surgical procedures in neuroscience nursing
- CO8. Demonstrate advanced skills/competence in managing patients with neurological and neurosurgical disorder following nursing process approach
- CO9. Identify psychosocial problems of patients with disabilities and assist patients and their family to cope with emotional and spiritual distress, grief and anxiety



CO10. Participate in preventive, promotive and rehabilitative services for neurological and neurosurgical patients.

CO11. Explain the legal and ethical issues related to brain death, organ transplantation and practice of neuroscience nursing

CO12. Incorporate evidence based nursing practice and identify the areas of research in the field of neuroscience nursing

CO13. Organize and contact in-service education program for nursing personnel

CO14. Develop standards of care for quality assurance in neuroscience nursing practice

CO15. Identify the sources of stress and manage burnout syndrome among healthcare providers

CO16. Teach and supervise nurses and allied health workers

CO17. Plan and develop physical layout of neuro intensive care unit

e. NEPHRO-UROLOGY NURSING

CO1. Appreciate trends and issues related to nephro and urological nursing

CO2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of nephro and urological conditions

CO3. Perform physical, psychosocial & spiritual assessment

CO4. Assist in various diagnostic, therapeutic and surgical interventions

CO5. Provide comprehensive care to patients with nephro and urological conditions

CO6. Describe the various drugs used in nephro and urological conditions and nurses responsibility.

CO7. Demonstrate skill in handling various equipment/gadgets used for patients with nephro and urological conditions

CO8. Appreciate team work & coordinate activities related to patient care

CO9. Practice infection control measures

CO10. Identify emergencies and complications & take appropriate measures

CO11. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs

CO12. Discuss the legal and ethical issues in nephro and urological nursing

CO13. Identify the sources of stress and manage burnout syndrome among healthcare providers

CO14. Appreciate the role of alternative system of medicine in the care of patient



CO15. Incorporate evidence based nursing practice and identify the areas of research in the field of nephro and urological nursing

CO16. Teach and supervise nurses and allied health workers

CO17. Design a layout of kidney transplant unit care, dialysis unit

CO18. Develop standards of nephro urological nursing practice

ORTHOPEDIC NURSING

CO1. Appreciate the history and developments in the field of orthopedic nursing

CO2. Identify the psychosocial needs of the patient while providing holistic care

CO3. Perform physical and psychological assessment of patients with orthopedic conditions and disabilities

CO4. Describe the various disease conditions and their management

CO5. Discuss various diagnostic tests required in orthopedic conditions

CO6. Apply nursing process in providing care to patients with orthopedic conditions and those requiring rehabilitation

CO7. Recognize and manage orthopedic emergencies

CO8. Describe recent technologies and treatment modalities in the management of patients with orthopedic conditions and those requiring rehabilitation

CO9. Integrate the concept of family centered, long term care and community based rehabilitation to patients with orthopedic conditions

CO10. Counsel the patients and their families with orthopedic conditions

CO11. Describe various orthotic and prosthetic appliances

CO12. Appreciate the legal and ethical issues pertaining to patients with orthopedic conditions and those requiring rehabilitation

CO13. Appreciate the role of alternative system of medicine in care of patients with orthopedic conditions

CO14. Incorporate evidence based nursing practice and identify the areas of research in the field of orthopedic nursing

CO15. Recognize the role of orthopedic nurse practitioner and as a member of the orthopedic and rehabilitation team

CO16. Teach orthopedic nursing to undergraduate students and in-service nurses



CO17. Prepare a design and layout of orthopedic and rehabilitative unit

g. GASTROENTEROLOGY NURSING

CO1. Appreciate trends and issues related to gastroenterology nursing

CO2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of gastrointestinal conditions

CO3. Participate in national health programs for health promotion, prevention and rehabilitation of patient with gastrointestinal conditions

CO4. Perform physical, psychosocial & spiritual assessment

CO5. Assist in various diagnostic, therapeutic and surgical procedures

CO6. Provide comprehensive care to patients with gastrointestinal conditions

CO7. Describe the various drugs used in gastrointestinal conditions and nurses responsibility.

CO8. Demonstrate skill in handling various equipments/gadgets used for patients with gastrointestinal conditions

CO9. Appreciate team work & coordinate activities related to patient care

CO10. Practice infection control measures

CO11. Identify emergencies and complications & take appropriate measures

CO12. Assist patients and their family to cope with emotional distress, grief and anxiety and spiritual need

CO13. Discuss the legal and ethical issues in GE nursing

CO14. Identify the sources of stress and manage burnout syndrome among healthcare providers

CO15. Appreciate the role of alternative system of medicine in the care of patient with GI disorders

CO16. Incorporate evidence based nursing practice and identify the areas of research in the field of gastrointestinal nursing

CO17. Teach and supervise nurses and allied health workers

CO18. Design a layout of Gastroenterology intensive care unit (GEICU), liver care/transplant unit.

ii. OBSTETRICS AND GYNAECOLOGY NURSING

CO1. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obst and gynaecological conditions.



- CO2. Perform physical, psychosocial, cultural and spiritual assessment.
- CO3. Demonstrate competence in caring for women with obstetrical and gynaecological conditions
- CO4. Demonstrate competence in caring for high risk newborn
- CO5. Identify and manage obstetrical and neonatal emergencies as per protocol.
- CO6. Practice infection control measures.
- CO7. Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynecological and neonatal care
- CO8. Demonstrate skill in handling various equipments/gadgets used for obstetrical, gynecological and neonatal care
- CO9. Teach and supervise nurses and allied health workers
- CO10. Design a layout of specialty units of obstetrics and gynecology
- CO11. Develop standards for obstetrical and gynecological nursing practice
- CO12. Counsel women and families
- CO13. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynecology nursing
- CO14. Function as independent midwifery nurse practitioner

iii. PEDIATRIC (CHILD HEALTH) NURSING

- CO1. Apply the nursing process in the care of ill infants to pre adolescents in hospital and community
- CO 2. Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems
- CO 3. Recognize and manage emergencies in children
- CO 4. Provide nursing care to critically ill children
- CO 5. Utilize the recent technology and various treatment modalities in the management of high risk children
- CO 6. Prepare a design for layout and describe standards for management of pediatric units/hospitals
- CO 7. Identify areas of research in the field of pediatric nursing



iv. PSYCHIATRIC (MENTAL HEALTH) NURSING

- CO1. Apply the nursing process in the care of patients with mental disorders in hospital and community
- CO2. Demonstrate advanced skills/competence in nursing management of patients with mental disorders
- CO3. Identify and care for special groups like children, adolescents, women, elderly, abused and neglected people living with HIV/AIDS.
- CO4. Identify and manage psychiatric emergencies
- CO5. Provide nursing care to critically ill patients with mental disorders
- CO6. Utilize the recent technology and various treatment modalities in the management of patients with mental disorders
- CO7. Demonstrate skills in carrying out crisis intervention
- CO8. Appreciate the legal and ethical issues pertaining to psychiatric nursing
- CO9. Identify areas of research in the field of psychiatric nursing
- CO10. Prepare a design for layout and describe standards for management of psychiatric units/emergency units/hospitals
- CO11. Teach psychiatric nursing to undergraduate students & in-service nurses

v. COMMUNITY HEALTH NURSING

- CO1. Appreciate trends and issues related to community health nursing- reproductive and child health, school health, occupational health, international health, rehabilitation, geriatric and mental health
- CO 2. Apply epidemiological concepts and principles in community health nursing practice
- CO 3. Perform community health assessment and plan health programme
- CO 4. Describe the various components of reproductive and child health programme
- CO 5. Demonstrate leadership abilities in organizing community health nursing services by using interdisciplinary approach
- CO 6. Describe the role and responsibilities of community health nurse in various National Health and Family Welfare Programmes
- CO 7. Participate in the implementation of various national health and family welfare programme
- CO 8. Demonstrate competencies in providing family centered nursing care independently



Indirani College of Nursing

DEVOTION DEDICATION DISCIPLINE

Ariyur, Puducherry - 605 102

(Affiliated to Pondicherry University, Puducherry)



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- CO 9. Participate / conduct research for new insights and innovative solutions to health problems
- CO 10. Teach and supervise nurses and allied health workers
- CO 11. Design a layout of sub center /Primary health center/ Community health centre and develop standards for community health nursing practice


IQAC COORDINATOR

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COURSE OUTCOME

S. No	COURSES
B. Sc. NURSING I YEAR	
1.	English
2.	Anatomy
3.	Physiology
4.	Nutrition
5.	Biochemistry
6.	Nursing Foundations
7.	Nursing Foundations – Practical
8.	Psychology
9.	Microbiology
10.	Introduction to Computer
B. Sc. NURSING II YEAR	
1.	Sociology
2.	Pharmacology
3.	Pathology & Genetics
	Section A – Pathology
	Section B – Genetics
4.	Medical Surgical Nursing (Adult Including Geriatrics) – I
5.	Medical Surgical Nursing (Adult Including Geriatrics) – I Practical
6.	Community Health Nursing – I
7.	Community Health Nursing – I Practical
8.	Communication & Educational Technology
B. Sc. NURSING III YEAR	
1.	Medical Surgical Nursing (Adult Including Geriatrics) II
2.	Medical surgical Nursing (Adult & Geriatrics) II Practical



3.	Child Health Nursing
4.	Child Health Nursing – Practical
5.	Mental Health Nursing
6.	Mental Health Nursing – Practical
7.	Nursing Research & Statistics
B. Sc. NURSING IV YEAR	
1.	Midwifery & Obstetrical Nursing
2.	Midwifery & Obstetrical Nursing – Practical
3.	Community Health Nursing – II
4.	Community Health Nursing – II Practical
5.	Management of Nursing Services & Education

Course: B. Sc. NURSING I YEAR

At the end of the course the students will be able to:

1. ENGLISH:

- CO1.Speak and write grammatically correct English
- CO2.Review of Grammar
- CO3.Develop ability to read, understand and express meaningfully the prescribed
- CO4.Develop writing skills
- CO5.Develop skill in spoken English
- CO6.Develop skill in listening comprehension

2. ANATOMY

- CO1. Describe the anatomical terms, organization of human body and structure of cell, tissues, membranes and glands
- CO2.Describe the structure & function of bones and joints



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- CO3. Describe the structure and function of muscles
 - CO4. Describe the structure and function of nervous system
 - CO5. Explain the structure and function of sensory organs
 - CO6. Describe the structure and function of circulatory and lymphatic system
 - CO7. Describe the structure and function of respiratory system
 - CO8. Describe the structure and function of digestive system
 - CO9. Describe the structure and function of excretory system
 - CO10. Describe the structure and function of endocrine system
 - CO11. Describe the structure and function of reproductive system

3. PHYSIOLOGY

- CO1. Describe the physiology of cell, tissues, membranes and glands
- CO2. Describe the bone formation and growth and movements of skeletal system
- CO3. Describe the muscle movements and tone and demonstrate muscle contraction and tone
- CO4. Describe the physiology of nerve stimulus, reflexes, brain, cranial and spinal nerves
- CO5. Demonstrate reflex action and stimulus
- CO6. Describe the physiology of blood and functions of Heart
- CO7. Demonstrate blood cell count, coagulation, grouping, Hb, BP and pulse monitoring
- CO8. Describe the physiology and mechanisms of respiration
- CO9. Demonstrate spirometry
- CO10. Describe the physiology of digestive system
- CO11. Demonstrate BMR
- CO12. Describe the physiology of excretory system
- CO13. Describe the physiology of sensory organs
- CO14. Describe the physiology of endocrine glands
- CO15. Describe the Physiology of male and female reproductive system
- CO16. Describe the physiology of Lymphatic and Immunological system

4. NUTRITION



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- CO1. Describe the relationship between nutrition & health
- CO2. Describe the classification, functions, sources and recommended daily allowances (RDA) of carbohydrates
- CO3. Describe the classification, functions, sources and recommended daily allowances (RDA) of fats
- CO4. Describe the classification, functions, sources and recommended daily allowances (RDA) of Proteins
- CO5. Describe the daily calorie requirement for different categories of people
- CO6. Describe the classification, functions, sources and recommended daily allowances (RDA) of vitamins
- CO7. Describe the classification, functions, sources and recommended daily allowances (RDA) of minerals
- CO8. Describe the sources, functions and requirements of water & electrolytes
- CO9. Describe the cookery rules and preservation of nutrients
- CO10. Prepare and serve simple beverages and different types of foods
- CO11. Describe and plan balanced diet for different categories of people
- CO12. Describe the various national programmes related to nutrition
- CO13. Describe the role of nurse in assessment of nutritional status and nutrition education

5. BIOCHEMISTRY

- CO1. Describe the structure, composition and functions of cell
- CO2. Differentiate between prokaryote and eukaryote cell
- CO3. Identify techniques of microscopy
- CO4. Describe the structure and functions of cell membrane
- CO5. Explain the metabolism of carbohydrates
- CO6. Explain the metabolism of Lipids
- CO7. Explain the metabolism of Amino acids and Proteins
- CO8. Describe types, composition and utilization of Vitamins & minerals
- CO9. Describe Immuno-chemistry



6. NURSING FOUNDATION

- CO1.Describe the concept of health, illness and health care agencies
- CO2.Explain concept and scope of nursing
- CO3.Describe values, code of ethics and professional conduct for nurses in India
- CO4.Explain the admission and discharge procedure
- CO5.Perform admission and discharge procedure
- CO6.Communicate effectively with patient, families and team members and maintain effective human relations (projecting professional image)
- CO7.Appreciate the importance of patient teaching in nursing
- CO8.Explain the concept, uses, format and steps of nursing process
- CO9.Documents nursing process as per the format
- CO10.Describe the purposes, types and techniques of recording and reporting
- CO11.Describe principles and techniques of monitoring and maintaining vital signs
- CO12.Monitor and maintain vital signs
- CO13.Describe the purpose and process of health assessment
- CO14.Describe the health assessment of each body system
- CO15.Perform health assessment of each body system
- CO16.Identifies the various machinery, equipment, linen and their care
- CO17.Describe the basic, physiological and psychosocial needs of patient
- CO18.Describe the principles and techniques for meeting basic, physiological and psychosocial needs of patient
- CO19.Perform nursing assessment, plan, implement and evaluate the care for meeting basic, physiological and psychosocial needs of patient
- CO20.Describe principles and techniques for infection control and biomedical waste management in supervised clinical settings
- CO21.Explain the principles, routes, effects of administration of medications
- CO22.Calculate conversions of drugs and dosages within and between systems of measurements
- CO23.Administer drugs by following routes-oral, intradermal, subcutaneous, intramuscular,



intravenous, topical and inhalation

CO24. Describe the pre and post operative care of patients

CO25. Explain the process of wound healing

CO26. Explain the principles and techniques of wound care

CO27. Perform care of wounds

CO28. Explain care of patients having alterations in body functioning

CO29. Explain care of terminally ill patient

CO30. Explain the basic concepts of conceptual and theoretical models of nursing

7. NURSING FOUNDATION – PRACTICAL

CO1. Performs admission and discharge procedure

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

CO3. Communicate effectively with patient, families and team members

CO4. Maintain effective human relations

CO5. Develop plan for patient teaching

CO6. Prepare patient reports

CO7. Presents reports

CO8. Monitor vital signs

CO9. Perform health assessment of each body system

CO10. Provide basic nursing care to patients

CO11. Perform infection control procedures

CO12. Provide care to pre and post operative patients

CO13. Perform procedures for care of wounds

CO14. Administer drugs

CO15. Provide care to dying and dead

CO16. Counsel and support relatives



8. PSYCHOLOGY

- CO1. Describe the history, scope and methods of psychology
- CO2. Explain the biology of Human behaviour
- CO3. Describe various cognitive processes and their applications
- CO4. Describe motivation, emotions, stress, attitudes and their influence on behaviour
- CO5. Explain the concepts of personality and its influence on behaviour
- CO6. Describe psychology of people during the life cycle
- CO7. Describe the characteristics of mentally healthy person
- CO8. Explain ego defense mechanisms
- CO9. Explain the Psychological assessments and role of nurse

9. MICROBIOLOGY

- CO1. Explain concepts and principles of microbiology and their importance in nursing
- CO2. Describe structure, classification morphology and growth of bacteria
- CO3. Identify micro- organisms
- CO4. Describe the methods of infection control
- CO5. Identify the role of nurse in hospital infection control programme
- CO6. Describe the different disease producing organisms
- CO7. Explain the concept of immunity, hyper sensitivity and immunization

10. INTRODUCTION TO COMPUTERS

- CO1. Identify & define various concepts used in computer
- CO2. Identify application of computer in nursing
- CO3. Describe and use the Disk operating system
- CO4. Demonstrate skill in the use of MS Office
- CO5. Demonstrate skill in using multi-media
- CO6. Identify features of computer aided teaching and testing
- CO7. Demonstrate use of internet and Email



CO8. Describe and use the statistical packages

CO9. Describe the use of Hospital Management System

Course: B. Sc. NURSING II YEAR

At the end of the course the students will be able to:

1. SOCIOLOGY

CO1.State the importance of sociology in nursing

CO2. Describe the interrelationship of individual in society and community

CO3. Describe the influence of culture on health and disease

CO4. Identify various social groups and their interactions

CO5. Explain the growth of population in India and its impact on health

CO6. Describe the institutions of family and marriage in India

CO7. Describe the class and caste system and their influence on health and health practices

CO8. Describe the types of communities in India, their practices and the impact on health

CO9. Explain the process of Social Change

CO10. Describe the social system and inter relationship of social organizations

CO11.Explain the nature and process of social control

CO12. Describe the role of the nurse in dealing with social problems in India

2. PHARMACOLOGY

CO1. Describe Pharmaco-dynamics, pharmaco-kinetics, classification and the principles of drug administration

CO2. Explain chemotherapy of specific infections, infestations and nurse's responsibilities

CO3. Describe antiseptics, disinfectants, insecticides and nurse's responsibilities

CO4. Describe the drugs acting on Gastro Intestinal system and nurse's responsibilities

CO5. Describe drugs used on Respiratory Systems and nurse's responsibilities

CO6. Describe drugs used on Urinary system and nurse's responsibilities

CO7. Describe drugs used in de-addiction, emergency, deficiency of vitamins & minerals, poisoning,



for immunization and Immunosuppression and nurse's responsibilities

CO8. Describe the drugs used on skin and mucous membranes and nurse's responsibilities

CO9. Describe Drugs used on Nervous System and nurse's responsibilities

CO10. Describe Drugs used on Cardio-vascular system and nurse's responsibilities

CO11. Describe drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy and nurse's responsibilities

CO12. Demonstrate awareness of the common drugs used in alternative system of medicine

3. PATHOLOGY AND GENETICS

Section A - Pathology

CO1. Define the common terms used in pathology.

CO2. Appreciate the deviations from normal to abnormal structure and functions of the body system.

CO3. Explain Pathological changes in disease conditions of various systems

CO4. Describe various laboratory tests in assessment and monitoring of disease conditions

CO5. Describe the laboratory tests for examination of body cavity fluids, transudates and exudates

CO6. Describe the laboratory tests for examination of urine and feces

SECTION – B GENETICS

CO1. Explain nature, principles and perspectives of heredity

CO2. Explain Maternal, prenatal and genetic influences on development of defects and diseases

CO3. Explain the screening methods for genetic defects and diseases in neonates and children

CO4. Identify genetic disorders in adolescents and adults

CO5. Describe the role of nurse in genetic services and counseling

4. MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS)-I

CO1. Appreciate the trends in medical and surgical nursing

CO2. Describe the role of a nurse in caring for adult patient in hospital and community

CO3. Describe the concepts of medical surgical asepsis



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- CO4. Describe the common signs, symptoms, problems and their specific nursing interventions
- CO5. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of respiratory system
- CO6. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of digestive systems
- CO7. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with blood and cardiovascular problems
- CO8. Describe the vascular conditions and its nursing management.
- CO9. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of genito-urinary systems
- CO10. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of male reproductive system
- CO11. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of endocrine system
- CO12. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of skin
- CO13. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of musculo- skeletal system
- CO14. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of immunological system
- CO15. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with communicable Diseases
- CO16. Describe the organization and physical set up of operation theatre
- CO17. Identify the various instruments and equipments used for common surgical procedures
- CO18. Describe the infection control measures in the Operation Theatre
- CO19. Describe the role of the nurse in the Operation Theatre



5. MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS)-I

PRACTICAL

General Medical ward

CO1. Provide nursing care to adult patients with medical disorders

CO2. Counsel and educate patients and families

General surgical ward

CO3. Provide pre and post-operative nursing care to adult patients with surgical disorders

CO4. Counsel and educate patients and families

Cardiology Ward

CO5. Provide nursing care to patients with cardiac disorders

CO6. Counsel and educate patients and families

Skin and communicable diseases

CO7. Identify skin problems

CO8.CO8. Provide nursing care to patients with skin disorders & communicable diseases

CO9. Counsel and educate patients and families

Orthopaedic Ward

CO10. Provide nursing care to patients with musculo-skeletal disorders

CO11. Counsel and educate patients and families

Operation Theatre

CO12. Identify instruments used in common operations

CO13. Participate in infection control practices in the operation theatre

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

CO15. Assist in giving anesthesia

CO16. Assist in the operative procedures

CO17. Provide perioperative nursing care



6. COMMUNITY HEALTH NURSING – I

- CO1. Describe concept and dimensions of health
- CO2. Describe determinants of health
- CO3. Describe the concept, scope, uses methods and approaches of epidemiology
- CO4. Describe Epidemiology and nursing management of common communicable diseases
- CO5. Describe Epidemiology and nursing management of common Non-communicable diseases
- CO6. Describe the concepts and scope of demography
- CO7. Describe methods of data collection, analysis and interpretation of demographic data
- CO8. Identify the impact of population explosion in India
- CO9. Describe the methods of population control

7. COMMUNITY HEALTH NURSING I - PRACTICAL

- CO1. Build and maintain rapport
- CO2. Identify demographic characteristics, health determinants and community health resources
- CO3. Diagnose health needs of individual and families
- CO4. Provide primary care in health centre
- CO5. Counsel and educate individual, family and community

8. COMMUNICATION & EDUCATIONAL TECHNOLOGY

- CO1. Describe the communication process
- CO2. Identify techniques of effective communication
- CO3. Establish effective inter-personal relations with patients, families & co-workers
- CO4. Develop effective human relations in context of nursing
- CO5. Develop basic skill of counseling and guidance
- CO6. Describe the philosophy & principles of education
- CO7. Explain the teaching learning process
- CO8. Demonstrate teaching skill using various teaching methods in clinical, classroom and community settings



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- CO9. Prepare and use different types of educational media effectively
 - CO10. Prepare different types of questions for assessment of knowledge, skills and attitudes
 - CO11. Teach individuals, groups, and communities about health with their active participation

Course: B. Sc. NURSING III YEAR

At the end of the course the students will be able to:

1. MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS)- II

- CO1. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with disorders of Ear Nose and Throat
- CO2. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with disorders of Eye.
- CO3. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and nursing management of patients with neurological disorders
- CO4. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and nursing management of patients with disorder of female reproductive system
- CO5. Describe the concept of reproductive health and family welfare programme
- CO6. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with burns, reconstructive and cosmetic surgery
- CO7. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with oncological conditions
- CO8. Describe organization of emergency and disaster care services
- CO9. Describe the role of nurse in disaster management
- CO10. Describe the role of nurse in management of common emergencies
- CO11. Explain the concept and problems of ageing
- CO12. Nursing care of the elderly
- CO13. Describe organization of critical care units



CO14. Describe the role of nurse in management of patients in critical care units

CO 15. Describe the etiology, pathophysiology, clinical manifestations, assessment, diagnostic measures and management of patients with occupational and industrial health disorder

2. MEDICAL SURGICAL NURSING (ADULT AND GERIATRICS)- II- PRACTICAL

ENT

CO1. Provide care to patients with ENT disorders

CO2. Counsel and educate patient and families

Ophthalmology

CO3. Provide care to patients with Eye disorders

CO4. Counsel and educate patient and families,

Neuro

CO5. Provide care to patients with neurological disorders

CO6. Counsel and educate the patient and families

Gynecology ward

CO7. Provide care to patients with gynecological disorders

CO8. Counsel and educate patient and families

Burns Unit

CO 9. Provide care to patients with Burns

CO10. Counsel and educate patient and families

Oncology Unit

CO11. Provide care to patients with cancer

CO12. Counsel and educate patient and families

Critical care unit (Neuro, general ICU)

CO13. Provide care to critically ill patients

CO14. Counsel patient and families for grief and bereavement

Casualty/ Emergency

CO15. Provide care to patients in emergency and disaster situation



CO16. Counsel patient and families for grief and bereavement

3. CHILD HEALTH NURSING

- CO1. Explain the modern concept of child care & principles of child health nursing
- CO2. Describe national policy programs and legislation in relation to child health and welfare
- CO3. List major causes of death during infancy, early & late childhood
- CO4. Describe the major functions and role of the paediatric nurse in caring for a hospitalized child.
- CO5. Describe the principles of child health nursing
- CO6. Describe the normal growth & development of children at different ages
- CO7. Identify the needs of children at different ages & provide parental guidance
- CO8. Identify the nutritional needs of children at different ages and ways of meeting the needs
- CO9. Appreciate the role of play for normal & sick children
- CO10. Appreciate the preventive measures and strategies for children
- CO11. Provide care to normal & high risk neonates
- CO12. Perform neonatal resuscitation
- CO13. Recognize and manage common neonatal problems
- CO14. Provide nursing care in common childhood diseases
- CO15. Identify measures to prevent common childhood diseases including immunization
- CO16. Manage the child with behavioural & social problems
- CO17. Identify the social & welfare services for challenged children

4. CHILD HEALTH NURSING – PRACTICAL

Paediatric Medicine Ward

- CO1. Provide nursing care to children with various medical disorders
- CO2. Counsel and educate parents

Paediatric Surgery Ward

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



conditions/malformation

CO5. Counsel and educate parents

Paediatric OPD/ Immunization room

CO6. Perform assessment of children: Health Developmental and Anthropometric

CO7. Perform immunization

CO8. Give Health Education/Nutritional Education

Paediatric medicine and surgery ICU

CO9. Provide nursing care to critically ill children

5. MENTAL HEALTH NURSING

CO1. Describe the historical development & current trends in mental health nursing

CO2. Describe the epidemiology of mental health problems

CO3. Describe the National Mental Health Act, programmes and mental health policy

CO4. Discuss the scope of mental health nursing

CO5. Describe the concept of normal & abnormal behavior

CO6. Define the various terms used in mental health nursing

CO7. Explain the classification of mental disorders

CO8. Explain psycho dynamics of maladaptive behaviour

CO9. Discuss the etiological factors, psychopathology of mental disorders

CO10. Explain the principles and standards of Mental health Nursing

CO11. Describe the conceptual models of mental health nursing

CO12. Describe the nature, purpose and process of assessment of mental health status

CO13. Identify therapeutic communication techniques

CO14. Describe therapeutic relationship

CO15. Describe therapeutic impasse and its intervention

CO16. Explain treatment modalities and therapies used in mental disorders and role of the nurse

CO17. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with Schizophrenia, and other psychotic disorders



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- CO18. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with mood disorders
- CO19. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with neurotic, stress related and somatization disorders
- CO20. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with substance use disorders
- CO21. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with spersonality, Sexual and Eating disorders
- CO22. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of childhood and adolescent disorders including mental deficiency
- CO23. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management organic brain disorders
- CO24. Identify psychiatric emergencies and carry out crisis intervention
- CO25. Explain legal aspects applied in mental health settings and role of the nurse
- CO26. Describe the model of preventive psychiatry
- CO27. Describe community Mental Health services and role of the nurse

6. MENTAL HEALTH NURSING – PRACTICAL

Psychiatric OPD

- CO1. Assess patients with mental health problems
- CO2. Observe and assist in therapies
- CO3. Counsel and educate patient and families
- CO4. Assessment of children with various mental health problems
- CO5. Counsel and educate children, families and significant others

Child Guidance clinic

- CO1. Assess patient with mental health problems
- CO2. To provide nursing care for patients with various mental health problems



CO3. Assist in various therapies

CO4. Counsel and educate patients, families and significant others

Inpatient ward

CO1. Assess patient with mental health problems

CO2. To provide nursing care for patients with various mental health problems

CO3. Assist in various therapies

CO4. Counsel and educate patients, families and significant others

Community Psychiatry

CO1. To identify patients with various mental disorders

CO2. To motivate patients for early treatment and follow up

CO3. Counsel and educate patient and family and community

7. NURSING RESEARCH AND STATISTICS

CO1. Describe the concept of research, terms, need and areas of research in nursing

CO2. Explain the steps of research process

CO3. Identify and state the research problem and objectives

CO4. Review the related literature

CO5. Describe the research approaches and designs

CO6. Explain the sampling process

CO7. Describe the methods of data collection

CO8. Analyze, Interpret and summarize the research data

CO9. Explain the use of statistics, scales of measurement and graphical presentation of data

CO10. Describe the measures of central tendency and variability and methods of correlation

CO11. Communicate and utilize the research findings

Course: B. Sc. NURSING III YEAR

At the end of the course the students will be able to:



1. MIDWIFERY AND OBSTETRICAL NURSING

- CO1. Recognize the trends and issues in midwifery and obstetrical nursing
- CO2. Describe the anatomy and physiology of female reproductive system
- CO3. Describe the diagnosis and management of women during antenatal period
- CO4. Describe the physiology and stages of labour
- CO5. Describe the management of women during intranatal period
- CO6. Describe the physiology of puerperium
- CO7. Describe the management of women during postnatal period
- CO8. Describe the assessment and management of normal neonate
- CO9. Describe the identification and management of women with high risk pregnancy
- CO10. Describe management of abnormal labour and obstetrical emergencies
- CO11. Describe management of postnatal complications
- CO12. Identify the high risk neonates and their nursing management
- CO13. Describe indication, dosage, action, side effects and nurses responsibilities in the administration of drugs used for mothers
- CO14. Appreciate the importance of family welfare programme
- CO15. Describe the methods of contraception and role of nurse in family welfare programme

2. MIDWIFERY AND OBSTETRICAL NURSING – PRACTICAL

Antenatal clinic/OPD

- CO1. Assessment of pregnant women

Labour room O.T

- CO2. Assess woman in labour
- CO3. Carry out pervaginal examinations
- CO4. Conduct normal deliveries
- CO5. Perform episiotomy and suture it
- CO6. Resuscitate newborns
- CO7. Assist with caesarean sections, MTP and other surgical procedures



Postnatal ward

CO8. Provide nursing care to postnatal mother and baby

CO9. Counsel and teach mother and family for parenthood

Newborn nursery

CO11. Provide nursing care to newborn at risk

Family planning clinic

CO 12. Counsel for and provide family welfare services

3. COMMUNITY HEALTH NURSING – II

CO1. Define concepts, scope, principles and historical development of Community Health and community health nursing

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

CO3. Describe the system of delivery of community health services in rural and urban areas

CO4. List the functions of various levels and their staffing pattern

CO5. Explain the components of health services

CO6. Describe alternative systems of health promotion and health maintenance

CO7. Describe the chain of referral system

CO8. Describe Community Health Nursing approaches and concepts

CO9. Describe the roles and responsibilities of Community health nursing personnel

CO10. Describe and appreciate the activities of community health nurse in assisting individuals and groups to promote and maintain their health

CO11. Describe national health and family welfare programmes and role of a nurse

CO12. Describe the various health schemes in India

CO 13. Explain the roles and functions of various national and international health agencies

4. COMMUNITY HEALTH NURSING II – PRACTICAL

CO 1. Identify community profile

CO2. Identify prevalent communicable and noncommunicable diseases



CO3. Diagnose health needs of Individual, families and community CO4.

Plan, provide and evaluate care

CO5. Participate in school health program CO6.

Participate in national health programs

CO7. Organize group for self help and involve clients in their own health activities

CO8. Provide family welfare services

CO9. Counsel and educate individual, family and community

CO10. Collect vital health statistics

CO11. Maintain records & reports

5. MANAGEMENT OF NURSING SERVICES AND EDUCATION

CO1. Explain the principles and functions of management

CO2. Describe the elements and process of management

CO3. Describe the management of nursing services in the hospital and community

CO4. Describe the concepts, theories and techniques of organizational behavior and human relations

CO5. Participate in planning and organizing in –service education program

CO6. Describe management of Nursing educational institutions

CO7. Describe the ethical and legal responsibilities of a professional nurse

CO8. Explain the nursing practice standards

CO9. Explain the Various opportunities for professional advancement.

Laxmi 20/12/21

IQAC COORDINATOR

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INDIRANI COLLEGE OF NURSING
SVMCH & RC CAMPUS
ARIYUR, PUDUCHERRY.**

[Signature] 20.12.21

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COURSE OUTCOME

S. No	Course
P.B.B.Sc. Nursing I Year	
1.	Nursing Foundation
2.	Nutrition & Dietetics
3.	Biochemistry and Biophysics
4.	Psychology
5.	Microbiology
6.	Maternal Nursing
7.	Child Health Nursing
8.	Medical & Surgical Nursing
9.	English (Qualifying)
P.B.B.Sc. Nursing II Year	
1.	Sociology
2.	Community Health Nursing
3.	Mental Health Nursing
4.	Introduction to Nursing Education
5.	Introduction to Nursing Administration
6.	Introduction to Nursing Research & Statistics



Course: P.B.B.Sc. Nursing I Year

At the end of the course the students will be able to:

1. NURSING FOUNDATION

- CO 1. Identify professional aspects of nursing.
- CO 2. Explain theories of nursing.
- CO 3. Identify ethical aspects of nursing profession.
- CO 4. Utilize steps of nursing process.
- CO 5. Identify the role of the nurse in various levels of health services.
- CO 6. Appreciate the significance of quality assurance in nursing.
- CO 7. Explain current trends in health and nursing.

2. NUTRITION & DIETETICS

- CO 1. Explain the principles and practices of nutrition and dietetics
- CO 2. Plan therapeutic diets in different settings
- CO 3. Identify nutritional needs of different age groups and plan diet accordingly
- CO 4. Prepare meals using different methods utilizing cookery rules

3. BIOCHEMISTRY & BIOPHYSICS

- CO 1. Identify the basic principles of Biochemistry and Biophysics
- CO 2. Synthesize the knowledge of these principles in various nursing situations

4. PSYCHOLOGY

- CO 1. Apply psychological principles while performing nursing duties
- CO 2. Distinguish the psychological processes during health and sickness
- CO 3. Analyze own behavior patterns
- CO 4. Tabulate the psychological needs of the patients for planning nursing care
- CO 5. Participate in psychometric assessment of the client



5. MICROBIOLOGY

- CO 1. Identify common disease producing micro-organisms
- CO 2. Explain the basic principles of microbiology and their significance in health and disease
- CO 3. Demonstrate skill in handling specimens
- CO 4. Explain various methods of dis-infection and sterilization
- CO 5. Identify the role of the nurse in hospital infection control system

6. MATERNAL NURSING

- CO 1. Describe the physiology of pregnancy, labour and puerperium.
- CO 2. Manage normal pregnancy, labour and puerperium.
- CO 3. Explain the physiology of lactation and advice on management of breast feeding.
- CO 4. Be skilled in providing pre and post operative nursing care in obstetric conditions.
- CO 5. Identify and manage high risk pregnancy, labor, puerperium and neonates including appropriate referrals.
- CO 6. Propagate the concept and motivate acceptance of family planning methods.
- CO 7. Teach, guide and supervise auxiliary midwifery personnel.

7. CHILD HEALTH NURSING

- CO 1. Explain the modern concepts of child care and the principles of child health nursing.
- CO 2. Describe the normal growth and development of children at different ages.
- CO 3. Manage sick as well as healthy neonates and children.
- CO 4. Identify various aspects of preventive paediatric nursing and apply them in providing nursing care to children in hospital and community

8. MEDICAL AND SURGICAL NURSING

- CO 1. Explain relevant anatomy and physiology of various systems of the body.
- CO 2. Explain pathophysiology of various disorders.
- CO 3. Explain the actions, side effects and nursing implications in administering drugs for various disorder
- CO 4. Discuss the recent advancement in the treatment and care of patients with medical surgical condition



- CO 5. Develop skill in giving comprehensive nursing care to patients following the steps of nursing process.
- CO 6. Assist the patients and their families in identifying and meeting their own health needs.
- CO 7. Appreciate the role of the nurse in the medical surgical health team.

9. ENGLISH

- CO 1. Ability to speak and write grammatically correct English
- CO 2. Effective skill in reading and understanding the English language
- CO 3. Skill in reporting

Course: P.B.B.Sc. Nursing II Year

At the end of the course the students will be able to:

1. SOCIOLOGY

- CO 1. Describe sociological concepts that are applicable to nursing
- CO 2. Determine role of sociology in nursing as related to social institutions in India
- CO 3. Develop positive attitudes towards individual, family and community

2. COMMUNITY HEALTH NURSING

- CO 1. Explain the concept of various factors contributing to health of individual, family and community.
- CO 2. Identify the role of community health nurse.
- CO 3. Describe national health care delivery system.
- CO 4. Describe epidemiological methods and principles of prevention and control of illness in the community.
- CO 5. Identify the role of personnel working in the community health set up.
- CO 6. Plan the work of community health nurse and supervise and train health workers

3. MENTAL HEALTH NURSING

- CO 1. Identify and describe the philosophy and principles of mental health nursing
- CO 2. Describe the historical development of mental health and psychiatric nursing



- CO 3. Classify mental disorders
- CO 4. Develop skill in history taking and performing mental status examination
- CO 5. Describe etiological factors, psycho-pathology, clinical features, diagnostic criteria and treatment methods used for mental disorders
- CO 6. Manage the patients with various mental disorders
- CO 7. Communicate therapeutically with patients and their families
- CO 8. Identify role of the nurse in preventive psychiatry
- CO 9. Identify the legal aspects in practice of mental health and psychiatric nursing

4. INTRODUCTION TO NURSING EDUCATION

- CO 1. Describe the philosophy and principles of education
- CO 2. Explain the teaching – learning process and curriculum development
- CO 3. Develop the ability to teach, using various methods and media
- CO 4. Describe the process of assessment
- CO 5. Describe the administrative aspects of school of nursing
- CO 6. Participate in planning and organizing an in-service education programme
- CO 7. Develop basic skill of counseling and guidance

5. INTRODUCTION TO NURSING SERVICE ADMINISTRATION

- CO 1. Identify the principles of administration
- CO 2. Describe the principles and techniques of supervision
- CO 3. Explain the principles and methods of personnel management
- CO 4. Explain the principles of budgeting
- CO 5. Organize and manage a nursing unit effectively
- CO 6. Identify dynamics of organizational behaviour, styles and functions of effective leadership



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6. INTRODUCTION TO NURSING RESEARCH AND STATISTICS

CO 1. Define the terms and concepts of nursing research

CO 2. Identify needs and scope of nursing research

CO 3. Identify and define a research problem

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

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

CO 6. Develop tool for data collection

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

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

CO 9. Conduct a group research project

Laxmi 20/12/24
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