

COURSE CONTENT

Title of course:

BACHELOR OF SCIENCE IN NURSING – Abbreviated as B.Sc. Nursing COURSE CODE 006

Program Outcome

The aim of the undergraduate nursing program is to:

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

Program Specific Outcome

On completion of the four years B.Sc. Nursing programme the graduate:

- apply knowledge from physical, biological and behavioral science, medical including alternative systems and nursing in providing nursing care to individuals, families and communities.
- demonstrate understanding of life style and other factors, which affect health of individuals and groups.
- provide nursing care based on steps of nursing process in collaboration with individuals and groups.
- demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.
- utilize the latest trends and technology in providing health care.
- provide promotive, preventive, and restorative health services in line with the National Health Policies and programmes.
- practice within the framework of code of ethics and professional conduct, and acceptable standards of practice within the legal boundaries.
- communicate effectively with individuals and groups, and members of the health team in order to promote effective interpersonal relationships and team work.
- demonstrate skill in teaching to individuals and groups in clinical/community health settings/ School of Nursing.
- participate effectively as member of the health team in health care delivery system.
- demonstrate leadership and managerial skills in clinical/community health settings.
- conduct need based research studies in various settings and utilize the research findings to improve the quality of care.
- demonstrate awareness, interest and contribute towards advancement of self and of the profession.



FIRST YEAR B Sc NURSING ANATOMY

Course Description:

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

Course Outcome:

- Describe the anatomical terms, organization of human body and structure of cell, tissues, membranes and glands.
- Describe the structure of bones and joints
- Describe the structure of muscles
- Describe the structure of nervous system
- Explain the structure of sensory organs
- Describe the structure of circulatory and lymphatic system Circulatory and lymphatic system
- Describe the structure of respiratory system
- Describe the structure of digestive system
- Describe the Structure of excretory system
- Describe the structure of Endocrine System
- Describe the structure of reproductive system including breast

PHYSIOLOGY

Course Description:

The Course is designed to enable the students to acquire knowledge of the normal physiology of various human body systems and understand the alterations in physiology in diseases and apply this in practice of nursing.

Course Outcome:

- Describe the physiology of cell, tissues, membranes and gland
- Describe the bone formation, growth and movements of skeletal system
- Describe the muscle movements and tone and demonstrate muscle contraction and tone
- Describe the physiology of nerve stimulus, reflexes, brain, cranial and spinal nerves. Demonstrate reflex action and stimulus
- Describe the Physiology and functions of blood. Demonstrate blood cell count, coagulation, grouping,
- Describe the physiology of cardiovascular system. Demonstrate: BP and Pulse monitoring
- Describe the physiology and mechanisms of respiration. Demonstrates spirometry
- Describes the physiology of digestive system.
- Describe the Physiology of excretory system
- Describe the physiology of skin
- 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.

MICROBIOLOGY

Course Description:

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

Course Outcome:

- Explain Concepts and principles of microbiology and their importance in nursing
- Describe the Structure, classification morphology and growth of bacteria Identify micro organism
- Describe the methods of infection control. Identify role of nurse in hospital infection control program
- Describe different disease producing organisms
- Explain the concept of immunity, hypersensitivity and immunization

NUTRITION

Course Description:

This course is designed to acquire knowledge of nutrition for maintenance of optimum health at different stages of life and its application for practice of nursing.

Course Outcome:

- Describe the relationship between nutrition and health
- Describe the classification, functions, sources and recommended daily allowances (RDA) of carbohydrates
- Describe the classification, functions, sources and recommended daily allowances (RDA) of Fats
- Describe the classification, functions, sources and recommended daily allowances (RDA) of Proteins
- Describe the daily calorie requirement for different categories of people.
- Describe the classification, functions, sources and recommended daily allowances (RDA) of Vitamins
- Describe the classification, functions, sources and recommended daily allowances (RDA) of Minerals
- Describe the sources, functions and requirements of Water and Electrolytes
- Describe the cookery rules and preservation of nutrients. Prepare and serve simple beverages and different types of foods
- Describe and plan balanced diet for different categories people
- Describe various National Programmes related to nutrition. Describe the role of nurse in assessment of nutritional status and nutrition education.



BIOCHEMISTRY

Course Description:

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

Course Outcome:

- Describe the structure, composition and function of cell Differentiate between Prokaryotic and Eukaryotic cell. Describe the transport mechanisms
- Describe the metabolism of carbohydrates
- Explain the metabolism of Lipids
- Explain the metabolism of Aminoacids and Proteins.
- Explain clinical enzymology
- Explain the types, functions, sources and deficiency manifestation s of vitamins and minerals.
- Explain Acid Base balance
- Explain different function tests.
- Describe the metabolism of Haemoglobin.
- Describe the immunochemistry

PSYCHOLOGY

Course Description:

This course is designed to assist the students to acquire knowledge of fundamentals of psychology and develop an insight into behavior of self and others.

Further it is aimed at helping them to practice the principles of mental hygiene for promoting mental health in nursing practice.

Course Outcome:

- Describe the history, scope and methods of psychology
- Explain the biology of Human behaviour.
- Describe various cognitive processes and their applications.
- Describe motivation emotions, stress and their influence on behaviour.
- Explain the concepts of personality and attitude & their influence on behaviour.
- Describe psychology of people during the life cycle
- Describe the Characteristic of Mentally healthy person. Explain ego defense mechanisms.
- Explain the psychological assessments and role of nurse.

NURSING FOUNDATIONS

Course Description:

This course is designed to help the students to develop an understanding of the Nursing Profession, philosophy, objectives, theories and application of nursing in various clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in supervised clinical settings.

Course Outcome:

- Describe the concept of health, illness and health care agencies.
- Explain concept and scope of nursing. Describe values, code of ethics and professional conduct for nurses in India.
- Explain the basic concepts of conceptual and theoretical models of nursing.
- Communicate effectively with patient families and team members and maintain effective human relations projecting professional image. Appreciate the importance of patient teaching in nursing.
- Describe purpose and process of health assessment. Describe the health assessment of each body system. 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.
- Explain the admission & discharge procedure Performs admission & discharge procedure.
- Describe principles and techniques for infection control and biomedical waste management in Supervised Clinical settings.
- Describe principles and techniques of monitoring and maintaining vital signs. Monitor and maintain vital signs.
- Describe the basic physiological and psychological needs of the patient. 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.
- Explain the general principles of heat & cold applications. Demonstrate p--rocedures of hot and cold applications.
- Explain the principles, routes and effects of administration of medications. Calculate conversions of drugs dosages within and between system of measurements. Administer drugs
- by the following routes-Oral, Intradermal, Subcutaneous, Intramuscular, Intra Venous, Topical and Inhalation
- Define rehabilitation. Explain the concepts, principles and types Discuss the role of nurse in rehabilitation.
- Explain care of terminally ill patient
- Explain the principles of first aid and demonstrate application of different types of bandages



ENGLISH

Course Description:

The Course is designed to enable students to enhance ability to comprehend spoken and written English for effective communication in their professional work.

Course Outcome:

- Speak and write grammatically correct English
- Develop ability to read and understand the prescribed text
- Develop writing skills
- Develop skill in spoken English
- Develop skill in listening comprehension

INTRODUCTION TO COMPUTER

Course description:

This course is designed for students to develop basic understanding of the use of computers and its applications in nursing

Course Outcome:

- Identify the basics of computer. Identify the application of computers in nursing.
- Describe and use the Disk Operating System. Demonstrate skill in the use of MS office
- Demonstrate skill ion using multimedia Identify features of computer aided teaching and testing
- Demonstrate use of internet and e- mail
- Describe and use the statistical packages
- Describe the components and uses of health management information system

SECOND YEAR B.Sc. NURSING SOCIOLOGY

Course description:

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

Course Outcome:

- Identify the basic concepts in sociology
- State the importance of sociology in nursing.
- Describe the relationship of individual in society and community
- Describe the influence of culture and socialization on health and disease.
- Identify various social groups and their interactions.
- Identify the various social process and social systems.
- Explain the growth of population in India and its impact on health
- Describe the major social institutions in India and its influence on health practices
- Describe the class and caste system and their influence on health and health practices
- Describe the types of communities in India, their practices and impact on health
- Explain the process of social change
- Describe the social organizations
- Explain the nature and process of social control
- Describe the role of the nurse in dealing with social problems in India

MEDICAL SURGICAL NURSING (ADULT including GERIATRICS) –I MEDICAL NURSING

Course Description:

The purpose of this course is to enable students to identify the etiology, pathophysiology, symptomatology, diagnostic measures and management (medical, nursing and dietetic) of common medical, communicable and dermatological diseases and to develop proficiency in caring for patients with these diseases.

Course Outcome:

- Appreciate the trends in medicine and medical nursing Describe the role of a nurse in caring patients with medical dermatologic and communicable diseases. Describe the common signs, symptoms and problems and their specific nursing interventions.
- Describe the common signs, symptoms and problems and their specific nursing interventions
- Explain the etiology, Patho physiology, Clinical manifestations diagnostic measures and management of patients with disorders of respiratory system.
- Explain the etiology pathophysiology clinical manifestations diagnostic measures & management of patients with disorders of cardiovascular & hematologic system.
- Describe the etiology, patho- physiology, clinical manifestations, diagnostic measures and management of patient with disorders of digestive system
- Describe the etiology, Pathophysiology, clinical manifestations, diagnostic measures and management of patients with disorders of urinary system.



- Describe the etiology pathophysiology, clinical manifestations diagnostic measures and management of patients with disorders of nervous system.
- Describe the etiology pathophysiology, clinical manifestations diagnostic measures and management of patients with endocrine disorders
- Describe the etiology pathophysiology, clinical manifestations diagnostic measures and management of patients with immunologic disorders.
- Describe the etiology pathophysiology, clinical manifestations diagnostic measures and management of patients with integumentary disorders and Sexually Transmitted Disorders
- Describe the etiology pathophysiology, clinical manifestations diagnostic measures and management of patients with communicable diseases
- Describe medical & nursing management of patients with medical emergencies

PATHOLOGY

Course Description:

This course is designed to enable students to acquire knowledge of pathology of various disease conditions and apply this knowledge in the practice of nursing.

Course Outcome:

- 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 faeces.

MEDICAL SURGICAL NURSING (ADULT including GERIATRICS) –I SURGICAL NURSING

Course description:

This course is designed to enable the students to recognize the etiology, pathophysiology, clinical manifestations, diagnosis and management of patients with common surgical conditions and provide comprehensive nursing care based on nursing process during the pre operative, intra operative, and post operative period.

Course Outcome:

- Describe the concepts of surgical nursing.
- Identify the current trends in surgery and surgical nursing.
- Identify the role of nurses in the management of a patient undergoing surgery.
- Describe the organization and physical set up of Operation Theatre, -Identify the instruments and equipments used for common surgical procedures -Describe the perioperative nursing care - Describe the infection control measures in the operation theatre - Describe the care of patients undergoing anesthesia

- Describe the pre and post operative management of patients undergoing Gastrointestinal surgeries
- Describe the pre & Post operative management of patients undergoing renal and genito urinary surgeries
- Describe the pre & post operative nursing management of patients undergoing thoracic & vascular surgeries
- Describe the pre & Post operative management of patients with musculoskeletal disorders
- Describe the pre & Post operative management of patients with miscellaneous surgical conditions
- Describe the etiology, pathophysiology, clinical manifestations, diagnosis and medical, surgical and nursing management of patients with disorders of ear nose, and throat
- Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures, medical, surgical and nursing management of patients with disorders of Eye.

PHARMACOLOGY

Course Description:

This course is designed to enable students to acquire understanding of pharmacodynamics, pharmacokinetics, principles of therapeutics and nursing implications.

Course Outcome:

- Describe pharmacodynamics, pharmacokinetics, classification and the principles of drug administration
- Explain chemotherapy of specific infections and infestations and nurse's responsibilities
- Describe antiseptics, disinfectants, insecticides and nurse's responsibilities
- Describe drugs acting on Gastro intestinal system and nurse's responsibilities
- Describe drugs used on Respiratory system and nurse's responsibilities
- Describe drugs used on Urinary system and nurse's responsibilities
- Describe Drugs used in de-addiction, emergency, deficiency of vitamins & minerals, poisoning, immunization and immuno-suppression and nurse's responsibilities
- Describe drugs used on skin & mucous membranes and nurse's responsibilities
- Describe drugs used on Nervous system and role of nurse
- Describe drugs used on Cardiovascular system and nurse's responsibilities
- Describe drugs used for hormonal disorders and supplementation contraception and medical termination of pregnancy and nurse's responsibilities
- Demonstrate awareness of the common drugs used in alternative system of medicine



COMMUNITY HEALTH NURSING-I

Course description:

This course is designed for students to appreciate the principles of promotion and maintenance of health of the individuals, families and community.

Course Outcome:

- Describe concept and dimensions of health Apply the levels of prevention in health care Promote healthy life styles
- Identify the environmental factors affecting health
- Explain the importance of food hygiene and its impact on health
- Describe concepts, principles and elements of primary health care
- Describe concept, scope, uses methods and approaches of epidemiology
- Describe Epidemiology and nursing management of common Communicable diseases
- Describe the epidemiology and nursing management of common non-Communicable diseases
- Describe the concepts and scope of demography -Describe methods of data collection, analysis and interpretation of demographic data
- Describe methods of population control
- Identify the various aspects of health education and apply in the community health nursing practice

THIRD YEAR B.SC NURSING

MEDICAL SURGICAL NURSING –II (ADULT including GERIATRICS)-II

Course description:

This course is designed to enable the students to recognize the etiology, pathophysiology, symptomatology, diagnostic measures and management of patients with complex medical and surgical conditions in cardiology, cardiothoracic surgery, neurology, neurosurgery, nephrology, urology, oncology, plastic and reconstructive surgery and emergencies and to provide comprehensive nursing care to such patients.

Course Outcome:

- Describe the organization of critical care units. Describe the role of the nurse in management of patients in critical care units.
- Describe organization of emergency and disaster care services
- Explain concepts, theories and problems of ageing.
- Describe the nursing care of the elderly.
- Describe the nursing management of patients with respiratory disorders
- Describe the etiology, pathophysiology, clinical manifestations and medical, surgical and nursing management of common cardiac conditions
- Describe the medical, surgical and nursing management of patients with neurological conditions.
- Describe the nursing management of patients with renal disorders
- Describe the nursing management of patients with oncologic disorders
- Describe the nursing management of patients with plastic, reconstructive and cosmetic surgeries

CHILD HEALTH NURSING

Course Description:

Students identify the normal growth and development, needs/problems of children of various age groups and deviations from normal, recognize the basic concepts, principles and techniques of child care and the role of family in child rearing, develop beginning ability to plan and provide comprehensive nursing care to children suffering from diseases and disorders.

Course Outcome:

- Explain the concept of child care
- Describe the principles of child health nursing
- Recognize the difference between child and adult nursing
- Describe national policy and child welfare programmes
- Recognize universal Immunization programme. Explain the activities of preventive clinics
- Describe the normal growth & development of children at different ages. Appreciate the role of play for normal & sick children
- Describe the Nutritional needs of infants & children. Explain the nursing management of children with various nutritional disorders.



- Explain the nursing management of normal/ high risk neonate. Perform neonatal resuscitation. Recognize and manage common neonatal problems
- Identify the reactions of child and family towards hospitalization and illness. Describe the major functions and role of pediatric nurse in caring a hospitalized child
- Describe the nursing management of children with respiratory disorders
- Describe the nursing management of children with gastro-intestinal disorders
- Describe the nursing management of children with cardio vascular disorders
- Explain the nursing management of children with common genito-urinary disorders
- Describe the nursing management of children with neurological disorders
- Explain the nursing management of children with common hematological disorders
- Describe the nursing management of children with common endocrine disorders
- Describe the nursing management of children with orthopaedic Conditions
- Describe the nursing management of children with common Genetic disorders
- Describe the nursing management of children with disorders of skin, eye, and ears
- Describe the nursing management of children with communicable diseases.
- Explain the nursing management of children with emergency conditions.
- Identify the social & welfare services for challenged children

MENTAL HEALTH NURSING

Course Description:

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

Course Outcome:

- Describe the historical development & current trends in mental health nursing. Describe the epidemiology of mental health problems. Discuss the roles and responsibilities of the Nurse. Discusses the scope of mental health nursing. Describe the concept of normal and abnormal behaviour.
- Defines the various terms used in mental health nursing. Explains the classification of mental disorders. Explain psycho dynamics of maladaptive behaviour. Discuss the etiological factors, psychopathology of mental disorders. 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 etiology, psycho-pathology, clinical manifestations, diagnostic criteria and management of patients with Schizophrenia
- Describe the etiology, psycho-pathology, clinical manifestations. Diagnostic criteria and management of patients with affective disorders

- Describe the etiology, psycho-pathology, clinical manifestations, diagnostic criteria and management of patients with neurotic, stress related and somatoform disorders
- Describe the etiology, psycho- pathology, clinical manifestations diagnostic criteria and management of patients with substance use disorders
- Describe the etiology, psycho-pathology, clinical manifestations diagnostic criteria and management of patients with sleep, sexual and eating disorders
- Describe the etiology, psycho-pathology, clinical manifestations, diagnostic criteria and management of childhood and adolescent disorders including mental deficiency
- Describe the etiology, psycho-pathology, clinical manifestations, diagnostic criteria and management of organic brain disorders
- Identify psychiatric emergencies and carry out crisis intervention
- Describe the etiology, psycho-pathology, clinical feature and management of personality disorders
- Identify the mental disorders of old age. Discuss the management of mental health problems of old age & the role of geropsychiatric nurse
- Explain legal aspects applied in mental health settings. Describe Mental Health Act, Forensic Psychiatry. Discuss the admission & discharge procedure
- Describe the model of preventive psychiatry. Describes Community Mental health services and role of the nurse

NURSING RESEARCH AND STATISTICS

Course Description:

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

Course Outcome:

- Describe the concept of research, terms, need and areas of research in nursing. - Explain the steps of research process.
- Identify and state the research problems and objectives
- Review the related literature
- Describe the research approaches and designs
- Explain the sampling process. Describe the methods of data collection
- Analyze, 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 methods of correlation
- Communication and utilization of research findings



FOURTH YEAR B Sc NURSING

OBSTETRIC AND GYNAECOLOGICAL NURSING OBSTETRIC NURSING

Course Description:

This course is designed for students to appreciate the concepts and principles of obstetric nursing and helps them to acquire knowledge and develop attitude and beginning skills in rendering nursing care to normal and high risk pregnant women during antenatal, natal and postnatal periods in hospital and community settings. It also helps to develop skills in managing normal and high risk neonate and participate in family welfare programmes.

Course Outcome:

- Appreciate the trends and issues in Obstetric nursing. Identify the legal and ethical aspects in obstetric nursing
- Describe the anatomy and physiology of female reproductive system. Discuss pre conception care and preparation for planned parenthood. Explain conception and fetal development
- Explain maternal, prenatal and genetic influences on development of defects and diseases
- Describe the diagnosis and management of women during antenatal period
- Describe the physiology and stages of labour. Describe the management of women during intranatal period
- Describe the physiology of puerperium. Describe the management of women during post 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 obstetric emergencies
- Describe management of post natal complications
- Describe assessment and management of the high risk neonates
- Describe indications, 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
- Explain the epidemiology of Obstetrics

GYNAECOLOGICAL NURSING

Course description:

This course is designed to help the students acquire knowledge, develop attitude and beginning skills in the management of women with gynecological problems and render pre and post operation care to clients undergoing major and minor surgeries

Course Outcome:

- Explain the concepts and principles of gynecological nursing. Appreciate the trends and issues in gynecologic nursing. Review the anatomy physiology of the female reproductive system. Identify the congenital abnormalities of female reproductive system. Explain sexuality and reproductive health

- Describe the gynecological assessment & the diagnostic measures. Describe the pre & post operative management of women undergoing major and minor gynecological procedures
- Describe the etiology, pathophysiology, clinical manifestation, diagnostic measures, treatment modalities and nursing management of patients with menstrual disorders.
- Describe the cause of male/female infertility, investigation, treatment modalities including Assisted Reproductive Technology & the role of nurse in management of infertility
- Describe the etiology, pathophysiology, clinical manifestation, diagnostic measures, treatment modalities and nursing management of patients with inflammatory diseases and neoplasms of reproductive organs
- Describe the etiology, pathophysiology, clinical manifestation, diagnostic measures, treatment modalities and nursing management of patients with mechanical disturbance and injuries to female genital tract
- Describe the etiology, pathophysiology, clinical manifestation, diagnostic measures, treatment modalities and nursing management of patients with genital tract infection
- Describe indications, dosage, action, side effects and nurses responsibilities in the administration of drugs

COMMUNITY HEALTH NURSING –II

Course description:

The course is designed for students to practice community health nursing for the individual, family and groups at both urban and rural settings by using concepts and principles of health and community health nursing.

Course Outcome:

- Define the concepts, scope, principles and historical development of Community Health and Community Health Nursing. Explain the steps of Nursing of nursing process in Community Health Nursing
- Explain the concept of family health care and family health nursing process
- 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. List the functions of various levels of health workers. Describe the alternative systems of health .-Describe the chain of referral system. Explain the records and reports maintained in the health centres
- Explain the various services rendered to the community
- Describe the activities of community health nurse in assisting individuals and groups to promote and maintain their health
- Identify the resources available in the community
- Describe the National health programmes and the role of a nurse in National health programmes
- Explain the role and functions of various national and international health agencies
- Explain the concepts of health economics
- Identify the principles and techniques of supervision



- Describe the public health administration at centre, state and local level
- Recognize the importance of research in community health nursing

NURSING EDUCATION

Course Description:

This course is designed to help the students to develop an understanding of the principles and methods of teaching and to equip the students with the beginning skills in teaching in clinical, community health and educational settings

Course Outcome:

- List the aims of education. Explain principles of education. Recognize the educational philosophies in nursing education. Describe the characteristics of learning. Explain the maxims of teaching. Explain the laws of learning. Explain the Methods of Teaching.
- Explain the principles of curriculum planning Explain the classification of educational objectives. List the qualities of educational objective. Prepare unit plan, lesson plan
- Demonstrate skill in teaching in all settings using various methods and medias
- Prepare and use different types of educational media effectively
- Construct different types of questions for assessment of knowledge skills and attitudes
- Develop basic skill of counselling and guidance
- Describe principles & types of discipline. Identify teachers role in preventive discipline

MANAGEMENT OF NURSING SERVICE AND EDUCATION

Course Description:

This course is designed to provide the students a basic knowledge about the principles and functions of management and its application to the nursing service and education. This is also designed to enable students to acquire understanding of the professional responsibilities, prospects and contribution to the growth of the profession.

Course Outcome:

- Explain the principles and functions of Management
- Describe the elements and process of management. Describe the concepts, theories techniques of organizational behaviour and human relation
- Describe the Management of nursing service in the hospital. Describe the function of personnel management. Describe the role of the administrator in budget preparation
- Participate in planning and organizing in service education program
- Describe the ethical and legal responsibilities of Explain the nursing practice standards professional nurse
- Explain the role of the administrator in selection and appointment of staff and students. List the essentials of an educational institution. Describe the role of the Administrator in faculty development
- Role of the administrator in the administration curriculum. Describe the role to the administrator in Finance Management. Explain the role of the administrator in maintaining publicity of the institution
- Explain the various opportunities for professional advancement



INTRODUCTION

Scientific and technological advancements have created complexity in the field of nursing necessitating advanced educational preparation. To keep pace with the tremendous progress in Medical Science and to meet changing health care needs specialization and research are essential in nursing science. Hence post graduations in the following specialties are required:

1. Medical Surgical Nursing (Sub specialties - Cardio Vascular & Thoracic Nursing, Critical care Nursing, Oncology Nursing, Neurosciences Nursing, Nephro-Urology Nursing, Orthopedic Nursing, Gastro Enterology Nursing)
2. Obstetrics and Gynaccological Nursing
3. Child Health (Paediatric) Nursing
4. Mental Health (Psychiatric) Nursing
5. Community Health Nursing

PROGRAMME OUTCOME

Aim of the postgraduate programme in nursing is to prepare graduates to assume responsibilities as Clinical Nurse Specialists, Nurse Practitioners, Consultants, Educators, Researchers and Administrators in a wide variety of professional settings.

PROGRAM SPECIFIC OUTCOME

On completion of the 2 year M.Sc. Nursing programme, the graduates will be able to: -

1. Apply the concepts, theories and principles of nursing science.
2. Demonstrate competencies in nursing practice.
3. Practice as Clinical Nurse Specialist.
4. Establish collaborative relationship with the members of other disciplines.
5. Assume leadership in various care settings.
6. Participate in health planning, implementation and evaluation at different levels of health care system.
7. Function as effective nurse educators and nurse managers.
8. Conduct independent nursing research and utilize the research findings in nursing practice and education.
9. Critically evaluate various educational programmes in nursing.
10. Demonstrate interest and positive attitude in continuing education for personal and professional growth.



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COURSE CONTENT

FIRST YEAR M.Sc. NURSING NURSING EDUCATION

Course Description

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

Course Outcome:

At the end of the course, students :

1. Explain the aims of education, philosophies, trends in education and its impact on nursing education.
2. Describe the teaching learning process.
3. Prepare and utilize various instructional media and methods in teaching learning process.
4. Demonstrate competency in teaching, using various instructional strategies.
5. Critically analyze the existing nursing educational programs, their problems, issues and future trends.
6. Describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration.
7. Plan and conduct continuing nursing education programs.
8. Critically analyze the existing teacher preparation programs in nursing
9. Demonstrate skill in guidance and counselling.
10. Describe the problems and issues related to the implementation of nursing curriculum including selection and organization of clinical experience.
11. Explain the development of standards and accreditation process in nursing education programs.
12. Identify research priorities in nursing education.
13. Discuss various models of collaboration in nursing education and services.
14. Explain the concept, principles, steps, tools and techniques of Evaluation.
15. Construct, administer and evaluate various tools for assessment of knowledge, skill, and attitude.



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ADVANCED NURSING PRACTICE

Course Description

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

Course Outcome:

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

1. Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
2. Identify latest trends in nursing and the basis of advanced nursing practice.
3. Explain bio- psycho- social dynamics of health, life style and health care delivery system.
4. Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
5. Perform health assessment and General physical examination
6. Provide holistic and comprehensive care following nursing process approach
7. Perform extended and expanded role of nurse.
8. Describe alternative modalities of nursing care.
9. Describe the concept of quality control in nursing.
10. Identify the scope of nursing research.
11. Use computer in patient care delivery system and nursing practice.
12. Appreciate importance of self-development and professional advancement

NURSING RESEARCH AND STATISTICS

Course Description:

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

Course Outcome:

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

1. Recognize the significance of research in nursing and its importance in evidence-based nursing practice.
2. Identify the steps of quantitative and qualitative research.
3. Discuss the ethical aspects of research.
4. Review literature utilizing various resources.
5. Identify researchable problems in nursing.
6. Demonstrate skill in planning and conducting research studies.
7. Communicate research findings.
8. Utilize research findings.
9. Critically evaluate research reports and articles.
10. Write scientific paper for publications.

STATISTICS (EXTERNAL FACULTY)

Course Description:

At the end of the course, the students will be able to develop an understanding of the statistical methods and apply them in conducting research studies in nursing

Course Outcome:

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

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



SECOND YEAR M.Sc. NURSING

NURSING MANAGEMENT

Course Description

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

Course Outcome:

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

1. Formulate the philosophy and objectives of the health care institutions at various levels.
2. Identify trends and issues in nursing
3. Discuss the public administration, health care administration and nursing administration
4. Describe the principles of administration applied to nursing
5. Explain the organization of health and nursing services at the various levels/institutions.
6. Discuss the planning, supervision and management of nursing workforce for various health care settings.
7. Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care
8. Identify and analyze legal and ethical issues in nursing administration
9. Describe the process of quality assurance in nursing services.
10. Demonstrate leadership in nursing at various levels.
11. Organize staff development programme.

MEDICAL SURGICAL NURSING

Title of course:

MASTER OF SCIENCE IN NURSING – MSc Medical Surgical Nursing COURSE CODE 271

Sub specialties: -

- a. Cardio Vascular & Thoracic Nursing
- b. Critical care Nursing, Oncology Nursing
- c. Neurosciences Nursing
- d. Nephro-Urology Nursing
- e. Orthopedic Nursing
- f. GastroEnterology Nursing.

Program Outcome

Aim of the postgraduate programme in nursing is to prepare graduates to assume responsibilities as Clinical Nurse Specialists, Nurse Practitioners, Consultants, Educators, Researchers and Administrators in a wide variety of professional settings.

Program Specific Outcome

On completion of the 2 year M.Sc. Nursing programme, the graduates will be able to:-

1. Apply the concepts, theories and principles of nursing science.
2. Demonstrate competencies in nursing practice.
3. Practice as Clinical Nurse Specialist.
4. Establish collaborative relationship with the members of other disciplines.
5. Assume leadership in various care settings.
6. Participate in health planning, implementation and evaluation at different levels of health care system.
7. Function as effective nurse educators and nurse managers.
8. Conduct independent nursing research and utilize the research findings in nursing practice and education.
9. Critically evaluate various educational programmes in nursing.
10. Demonstrate interest and positive attitude in continuing education for personal and professional growth.
11. Demonstrate advanced skills and competence in the nursing management of patients with various medical and surgical conditions.
12. Incorporate evidence based nursing practice and identify the areas of research in the field of medical and surgical nursing.
13. Describe recent advancements in the field of medical and surgical nursing.
14. Explain the legal and ethical issues in caring patients with various medical and surgical conditions.
15. Function as medical surgical nurse specialists and practitioners.



CLINICAL SPECIALTY – I

MEDICAL SURGICAL NURSING-I

Course Description

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

Course Outcome:

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

1. Appreciate the trends & issues in the field of Medical – Surgical Nursing as a specialty.
2. Apply concepts & theories related to health promotion.
3. Appreciate the client as a holistic individual.
4. Perform physical, psychosocial assessment of Medical – Surgical patients.
5. Apply Nursing process in providing care to patients.
6. Integrate the concept of family centred nursing care with associated disorder such as genetic, congenital and long-term illness.
7. Recognize and manage emergencies
8. Describe various recent technologies & treatment modalities in the management of critically ill patients.
9. Appreciate the legal & ethical issues
10. Prepare a design for ICU
11. Appreciate the role of alternative systems of Medicine in care of patients.
12. Incorporate evidence based Nursing practice and identify the areas of research
13. Recognize the role of Nurse practitioner as a member of the health team.
14. Conduct clinical Teaching for undergraduate nursing students & in-service nurses.

CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING-II

SUB SPECIALITY – CARDIO VASCULAR AND THORACIC NURSING

Course Description

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

Course Outcome:

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

1. Appreciate trends and issues related to cardio vascular and thoracic Nursing.
2. Describe the epidemiology, etiology, patho-physiology and diagnostic assessment of cardio vascular and thoracic conditions
3. Participate in national health programs for health promotion, prevention and rehabilitation of patients with cardio vascular and thoracic conditions
4. Perform physical, psychosocial & spiritual assessment
5. Assist in various diagnostic, therapeutic and surgical procedures
6. Apply nursing process in providing comprehensive care to patients with cardio vascular and thoracic conditions
7. Demonstrate advance skills/competence in managing patients with cardio vascular and thoracic conditions including Advance Cardiac Life Support.
8. Describe the various drugs used in cardio vascular and thoracic conditions and nurses responsibility
9. Demonstrate skill in handling various equipments/gadgets used for critical care of cardio vascular and thoracic patients
10. Appreciate team work & coordinate activities related to patient care.
11. Practice infection control measures.
12. Identify emergencies and complications & take appropriate measures
13. Discuss the legal and ethical issues in cardio vascular and thoracic nursing
14. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.
15. Appreciate the role of alternative system of medicine in care of patient
16. Incorporate evidence based nursing practice and identify the areas of research in the field of cardio vascular and thoracic nursing
17. Identify the sources of stress and manage burnout syndrome among health care providers.
18. Teach and supervise nurses and allied health workers.
19. Design a layout of ICCU and ICTU and develop standards for cardio vascular and thoracic nursing practice.



MSC MENTAL HEALTH (PSYCHIATRIC) NURSING

COURSE CONTENT

Title of course:

MASTER OF SCIENCE IN NURSING – MSc Mental Health (Psychiatric) Nursing

Program Outcome

Aim of the postgraduate programme in nursing is to prepare graduates to assume responsibilities as Clinical Nurse Specialists, Nurse Practitioners, Consultants, Educators, Researchers and Administrators in a wide variety of professional settings.

Program Specific Outcome

On completion of the 2 year M.Sc. Nursing programme, the graduates will be able to:-

1. Apply the concepts, theories and principles of nursing science.
2. Demonstrate competencies in nursing practice.
3. Practice as Clinical Nurse Specialist.
4. Establish collaborative relationship with the members of other disciplines.
5. Assume leadership in various care settings.
6. Participate in health planning, implementation and evaluation at different levels of health care system.
7. Function as effective nurse educators and nurse managers.
8. Conduct independent nursing research and utilize the research findings in nursing practice and education.
9. Critically evaluate various educational programmes in nursing.
10. Demonstrate interest and positive attitude in continuing education for personal and professional growth
11. Describe the role of various types of complementary and alternative therapies in mental health nursing.
12. Recognize the role of Psychiatric nurse practitioner as a member of the mental health team.
13. Demonstrate advanced skills and competence in the nursing management of patients with mental disorders in various settings.
14. Incorporate evidence based nursing practice and identify the areas of research in the field of mental health nursing.
15. Explain the legal and ethical issues pertaining to mental health nursing.

CLINICAL SPECIALTY-1
MENTAL HEALTH (PSYCHIATRIC) NURSING-1 COURSE CODE 272

Course Description:

The course is designed to assist students in developing expertise and in depth understanding in the field of psychiatric nursing. It will help the students to acquire knowledge regarding the psychodynamics of human behaviour, epidemiology, manifestations and treatment modalities of various mental disorders, render holistic care to clients in various settings and to function effectively as a nurse specialist among the interdisciplinary team members. It will help the students to appreciate the latest trends and identify researchable areas in the field of psychiatric nursing and utilize research findings in their practice.

Course Outcome:

At the end of the course, the students:

1. Appreciate the trends and issues in the field of Psychiatry and Psychiatric Nursing.
2. Explain the dynamics of personality development and human behaviour.
3. Describe the concepts of psychobiology and psychopathology in mental disorders and its implications for psychiatric nursing practice.
4. Demonstrate therapeutic communication skills in all interactions.
5. Establish and maintain therapeutic relationship with individual, groups and families.
6. Apply nursing process in providing holistic care to patients with mental disorders.
7. Carryout counselling and guidance programmes to various types of clients
8. Appreciate the legal and ethical issues pertaining to psychiatric nursing.
9. Demonstrate skills /competencies in nursing management of patients with different mental disorders.
10. Participate in various treatment modalities used for Psychiatric patients.
11. Recognize the role of Psychiatric nurse practitioner as a member of the mental health team.



CLINICAL SPECIALTY-1I

MENTAL HEALTH (PSYCHIATRIC) NURSING-1I

Course Description:

The course is designed to develop in depth knowledge in advanced concepts in psychiatry and psychiatric nursing and apply this knowledge in rendering comprehensive care to clients in different settings by collaborating psychiatric nursing with other disciplines and to assume expanded roles as nurse therapist, counsellor, educator, administrator and researcher in various settings.

Course Outcome:

1. Demonstrate advanced skills and competence in nursing management of patients with mental disorders in various settings.
2. Identify and care for special groups like children, adolescents, women, elderly abused and neglected, people living with HIV/AIDS.
3. Identify and manage psychiatric emergencies
4. Provide nursing care to critically ill patients with mental disorders.
5. Utilize the recent technology and various treatment modalities in management of patients with mental disorders.
6. Demonstrate skills in carrying out crisis intervention.
7. Incorporate evidence based nursing practices and identify the areas of research in the field of psychiatric nursing.
8. Prepare, design and layout for psychiatric units/emergency units.
9. Teach psychiatric nursing to undergraduate students.
10. Plan and organize in service education programmes in psychiatric nursing.

M.SC CHILD HEALTH (PAEDIATRIC) NURSING

COURSE CONTENT

Title of course:

MASTER OF SCIENCE IN NURSING – Child Health (Paediatric) Nursing **COURSE CODE 273**

Program Outcome

Aim of the postgraduate programme in nursing is to prepare graduates to assume responsibilities as Clinical Nurse Specialists, Nurse Practitioners, Consultants, Educators, Researchers and Administrators in a wide variety of professional settings.

Program Specific Outcome

On completion of the 2 year M.Sc Nursing programme, the graduates will be able to:-

1. Apply the concepts, theories and principles of nursing science.
2. Demonstrate competencies in nursing practice.
3. Practice as Clinical Nurse Specialist.
4. Establish collaborative relationship with the members of other disciplines.
5. Assume leadership in various care settings.
6. Participate in health planning, implementation and evaluation at different levels of health care system.
7. Function as effective nurse educators and nurse managers.
8. Conduct independent nursing research and utilize the research findings in nursing practice and education.
9. Critically evaluate various educational programmes in nursing.
10. 10 Demonstrate interest and positive attitude in continuing education for personal and professional growth.
11. Demonstrate advanced skills and competence in the nursing management of children with medical and surgical conditions in various settings.
12. Incorporate evidence based nursing practice and identify the areas of research in the field of child health nursing.
13. Describe the recent advancements in the field of child health nursing.
14. Explain the legal and ethical issues pertaining to child health nursing.
15. Function as child health nurse specialist and practitioner.



CHILD HEALTH (PAEDIATRIC) NURSING-I

Course Description

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

Course Outcome:

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

1. Appreciate the history and developments in the field of child health and child health nursing as a specialty.
2. Apply the concepts of growth and development in providing care to the pediatric clients and their families.
3. Perform physical, developmental, and nutritional assessment of pediatric clients
4. Apply nursing process in providing nursing care to neonates & children
5. Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.
6. Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing
7. Describe various recent technologies and treatment modalities in the management of high risk children.
8. Incorporate evidence based nursing practice and identifies the areas of research in the field of pediatric/neonatal nursing
9. Recognize the role of pediatric nurse practitioner as a member of the pediatric and neonatal health team.
10. Teach pediatric nursing to undergraduate students & in-service nurses.

CHILD HEALTH (PAEDIATRIC) NURSING-II

Course Description

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

Course Outcome:

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

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



M.SC. COMMUNITY HEALTH NURSING

COURSE CONTENT

Title of course:

MASTER OF SCIENCE IN NURSING – Community Health Nursing **COURSE CODE 274**

Program Outcome

Aim of the postgraduate programme in nursing is to prepare graduates to assume responsibilities as Clinical Nurse Specialists, Nurse Practitioners, Consultants, Educators, Researchers and Administrators in a wide variety of professional settings.

Program Specific Outcome

On completion of the 2 year M.Sc. Nursing programme, the graduates will be able to: -

1. Apply the concepts, theories and principles of nursing science.
2. Demonstrate competencies in nursing practice.
3. Practice as Clinical Nurse Specialist.
4. Establish collaborative relationship with the members of other disciplines.
5. Assume leadership in various care settings.
6. Participate in health planning, implementation and evaluation at different levels of health care system.
7. Function as effective nurse educators and nurse managers.
8. Conduct independent nursing research and utilize the research findings in nursing practice and education.
9. Critically evaluate various educational programmes in nursing.
10. Demonstrate interest and positive attitude in continuing education for personal and professional growth.
11. Incorporate evidence based nursing practice and identify the areas of research in the field of community health nursing.
12. Describe the recent advancements in the field of community health nursing.
13. Explain the legal and ethical issues pertaining to community health nursing.
14. Function as community health nurse specialist.

CLINICAL SPECIALTY – 1

COMMUNITY HEALTH NURSING – 1

Course Description:

This course is designed to assist students in developing expertise and indepth understanding in the field of community health. It will enable the students to acquire knowledge regarding concepts, principles, methods and approaches in community health nursing. It will help the students to learn about epidemiology, environmental health, population dynamics and family health care.

Course Outcome:

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

1. Review the history and development in the field of community health and community health nursing
2. Analyze the role of individuals and families in promoting health of the community
3. Perform physical, developmental and nutritional assessment of individuals, families and groups
4. Apply the concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the members of the community
5. Apply nursing process approach while providing care to individuals, families, groups and community.
6. Integrate the concepts of family centred nursing approach while providing care to the community.
7. Apply concepts and principles of epidemiology in the practice of community health nursing
8. Recognize and participate in the management of emergencies, epidemics and disasters
9. Utilize the concept of demography and its application in public health
10. Appreciate legal and ethical issues pertaining to community health nursing care
11. Conduct need based community health projects
12. Participate in various national health and family welfare programmes at local, state and national level.
13. Participate effectively as a member of community health team
14. Coordinate and collaborate with various agencies operating in the community
15. Teach community health nursing to undergraduates, community health workers and nurses working in the hospital and community.



CLINICAL SPECIALTY – II

COMMUNITY HEALTH NURSING - II

Course Description

This course is designed to facilitate students to gain in depth knowledge and develop skill in the administration and management of community health services. It will further enable students to develop leadership qualities and practice as a community health nurse specialist, educator, researcher and manager.

Course Outcome:

On completion of the course student will be able to:

1. Review the health planning in India
2. Explain the administration and organization of health system in India
3. Plan, organize, implement and evaluate community-oriented programs
4. Participate effectively as a team member in the health planning at local, regional, state and national level
5. Apply epidemiological concepts and principles in community health nursing practice
6. Demonstrate leadership qualities in the field of community health nursing
7. Supervise and guide the nursing personnel working in community health settings
8. Demonstrate competencies in guiding undergraduate students in community health nursing specialty
9. Conduct individual and group research projects in the field of community health nursing.
10. Demonstrate competency in providing independent family centered nursing care
11. Teach and supervise community health nurses and allied health workers

M.SC. OBSTETRIC & GYNAECOLOGICAL NURSING

COURSE CONTENT

Title of course:

MASTER OF SCIENCE IN NURSING – Obstetric & Gynaecological Nursing COURSE CODE 275

Program Outcome

Aim of the postgraduate programme in nursing is to prepare graduates to assume responsibilities as Clinical Nurse Specialists, Nurse Practitioners, Consultants, Educators, Researchers and Administrators in a wide variety of professional settings.

Program Specific Outcome

On completion of the 2 year M.Sc. Nursing programme, the graduates will be able to:-

1. Apply the concepts, theories and principles of nursing science.
2. Demonstrate competencies in nursing practice.
3. Practice as Clinical Nurse Specialist.
4. Establish collaborative relationship with the members of other disciplines.
5. Assume leadership in various care settings.
6. Participate in health planning, implementation and evaluation at different levels of health care system.
7. Function as effective nurse educators and nurse managers.
8. Conduct independent nursing research and utilize the research findings in nursing practice and education.
9. Critically evaluate various educational programmes in nursing.
10. Demonstrate interest and positive attitude in continuing education for personal and professional growth
11. Describe the role of various types of complementary and alternative therapies in obstetric and gynaecological nursing.
12. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynaecological nursing.
13. Describe the recent advancement in contraceptive technology and birth control measures.
14. Explain the legal and ethical issues pertaining to obstetric and gynaecological nursing.
15. Function as independent midwifery nurse practitioner



CLINICAL SPECIALTY - I

OBSTETRIC AND GYNAECOLOGICAL NURSING- 1

COURSE DESCRIPTION

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

Course Outcome:

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

1. Examine the trends in the field of midwifery, obstetrics and gynaecology as a specialty.
2. Describe the population dynamics and indicators of maternal and child health.
3. Describe current concepts in genetics and embryology.
4. Identify the role of women in the society
5. Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
6. Provide comprehensive nursing care to women during reproductive period and newborns.
7. Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynaecological nursing.
8. Identify and analyze the deviations from normal birth process and refer appropriately.
9. Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse
10. Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation
11. Describe the role of various types of complementary and alternative therapies in obstetric and gynaecological nursing.
12. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynaecological nursing.
13. Describe the recent advancement in contraceptive technology and birth control measures.
14. Explain the legal and ethical issues pertaining to obstetric and gynaecological nursing.
15. Function as independent midwifery nurse practitioner

CLINICAL SPECIALTY
OBSTETRIC AND GYNAECOLOGICAL NURSING II

COURSE DESCRIPTION

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

Course Outcome:

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

1. Describe the epidemiology, aetiology, pathophysiology and diagnostic assessment of women with obstetric and gynaecological conditions.
2. Perform physical, psychosocial, cultural & spiritual assessment
3. Demonstrate competence in caring for women with obstetric and gynaecological conditions
4. Demonstrate competence in caring for high risk newborn.
5. Identify and Manage obstetrical and neonatal emergencies as per protocol
6. Practice infection control measures
7. Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynaecological and neonatal care
8. Demonstrate skill in handling various equipments/gadgets used for obstetric, gynaecologic and neonatal care
9. Teach and supervise nursing students and allied health workers
10. Design a layout of specialty units of obstetrics and gynaecology
11. Develop standards for obstetrics and gynaecologic nursing practice.
12. Counsel women and families
13. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynaecological nursing
14. Function as independent midwifery nurse practitioner




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