



VINAYAKA MISSIONS COLLEGE OF NURSING
Kirumampakkam, Puducherry
A constituent college of
VINAYAKA MISSIONS RESEARCH FOUNDATION
(Deemed to be university)



M.Sc NURSING PROGRAMME OBJECTIVES

MEDICAL SURGICAL NURSING

- Integrate knowledge from nursing and other scientific and humanistic disciplines as it relates to medical/surgical nursing
- Develop an understanding of common medical diagnoses, drug and other therapies and treatment
- Demonstrate a knowledge of the purpose and rationale for the performance of intervention including procedures, diagnostic tests, medications
- Provide safe, effective, efficient, culturally sensitive nursing care to patients in the medical surgical setting
- Implement the nursing care process to demonstrate safe, competent and evidence-based care within a variety of settings using appropriate tools and technologies
- Provide patient care in disease prevention and health promotion and/or restorative care.
- Demonstrate the ability to determine the physical and mental health status, needs, and preferences of culturally, ethnically, and socially diverse patients and their families based on interpretation of health-related data.
- Integrate technology and information systems to provide and improve safe, effective care to patients
- Apply critical thinking and communication skills to client care, staff interactions, care development, and self-evaluation
- Critique and utilize current, appropriate research to influence nursing practice
- Apply health promotion principles including maintenance, restoration, and disease prevention in the care of the patients to reduce risks and improve health outcomes
- Demonstrate professional values that employ ethical, legal, and moral standards in caring for patients and their families with medical/surgical conditions.



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M.Sc NURSING PROGRAMME OBJECTIVES

CHILD HEALTH (PEDIATRIC)NURSING

- Enumerate the history and developments in the field of pediatrics and pediatric nursing as a specialty
- Apply the concepts of growth and development in providing care to the pediatric clients and their families
- Perform physical, developmental, and nutritional assessment of pediatric clients
- Apply nursing process in providing nursing care to neonates & children
- Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.
- Describe various recent technologies and treatment modalities in the management of high risk neonates
- Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing
- Prepare a design for layout and management of pediatric, neonatal/Hospital units
- Incorporate evidence based nursing practice and identify the areas of research in the field of pediatric nursing
- Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team
- Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems
- Utilize the recent technology and various treatment modalities in the management of high risk children



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M.Sc NURSING PROGRAMME OBJECTIVES

COMMUNITY HEALTH NURSING

- To prepare graduates to assume responsibilities as community health nurse specialist, public health nurse, consultants and educators in a various community health care settings
- Identify the basic processes, approaches, and interventions that identify and address the major health-related needs and concerns of populations
- Demonstrate the ability to plan and implement changes in nursing practice and in the health care delivery system
- Reflect on and utilize evidence in taking forward advances in community health nursing practice that focuses on the needs of individual, family and communities.
- Establish collaborative relationship with other health care personnel of health care delivery systems.
- Describe the legal, ethical, economic, and regulatory dimensions of health care and public health policy, and the roles, influences, and responsibilities of the different health care agencies
- Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research in community set up.
- Relate the underlying science of human health and disease to opportunities for promoting and protecting health of human being.
- Organize camps and clinics to screen the communicable and non communicable disease as per National Health Programmes
- Use social and environmental factors of health to enable to work effectively with diverse populations
- Integrates vital statistics and population data in planning health services in the community setting
- Provide carrier opportunities in private and public health sectors, industries, orphanages, nursing homes, old age homes and sanatoriums



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M.Sc NURSING PROGRAMME OBJECTIVES

MENTAL HEALTH NURSING

- Acquire the knowledge and competence to indicate comprehensive inequalities in mental health service provision
- Demonstrate the ability to develop helping relationships with diverse populations and demonstrate sensitivity and competency in skills
- Understand and demonstrate appropriate assessment techniques, considering current problem, developmental, cognitive and cultural perspectives.
- Collaborate research and evaluate the effectiveness of counseling.
- Think critically about the risks in developing the mental illness
- Understand and demonstrate developmentally appropriate individual counseling, group counselling and systemic interventions.
- Demonstrate the ability to understand concepts and skills relating to career interventions
- Demonstrate an ability to be self reflective and engaging in personal awareness and growth regarding their intra and interpersonal processes
- Understand and incorporate an identity as a professional counsellor
- Apply the nursing process approach in caring for patients with mental disorders
- Development and implement polices to reduce the burden of mental health
- Demonstrate the role of psychiatric nurse practioner in various therapeutic modalities



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M.Sc NURSING PROGRAMME OBJECTIVES

OBSTETRICAL AND GYNECOLOGICAL NURSING

- Appreciate trends and issues in the field of midwifery, Obstetrics and Gynecology as a specialty
- Describe the population dynamics and indicators of Maternal and Child health
- Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
- Provide comprehensive nursing care to women during reproductive period and to the newborn children
- Integrate the concepts of family centered nursing care and nursing process approach in Obstetrics and Gynecological nursing
- Utilize/ apply the concepts, theories and principles of nursing in Maternal and Child Health
- Discuss the ethical and legal issues in obstetrics and gynecological nursing
- Discuss the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse
- Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation
- Describe the role of various types of complementary and alternative therapies in Obstetrics and Gynecological nursing.
- Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrics and gynecologic nursing
- Demonstrate advanced skills/ competencies in managing newborn including neonatal resuscitation
- Participate in national health and family welfare programs for health promotion, prevention and rehabilitation of patients
- Appreciate team work and co ordinate activities related to patient care



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M.Sc NURSING PROGRAMME



LEARNING OBJECTIVES -

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.

Objectives:

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

1. Explain the aims of education, philosophies, trends in education and health: 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 counseling.
10. Describe the problems and issues related to administration 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 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.

ADVANCE 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.

Objectives:

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

1. Appreciate and analyze the development of nursing as a profession.
2. Describe ethical, legal, political and economic aspects of health care delivery and 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. Describe scope of nursing practice.
6. Provide holistic and competent nursing care following nursing process approach.
7. Identify latest trends in nursing and the basis of advance nursing practice.
8. Perform extended and expanded role of nurse.
9. Describe alternative modalities of nursing care.
10. Describe the concept of quality control in nursing.
11. Identify the scope of nursing research.
12. Use computer in patient care delivery system and nursing practice.
13. Appreciate importance of self development and professional advancement.

CLINICAL SPECIALTY – I

MEDICAL SURGICAL NURSING

Course Description

This course is common for the students undergoing clinical specialty-II in neuro science nursing / cardiovascular & thoracic nursing / critical care nursing / oncology nursing / orthopaedic and rehabilitation nursing / nephro& urology nursing, gastroenterology nursing/ geriatric nursing.

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 Medical Surgical Nurse. It will further enable the student to function as educator, manager and researcher in the field of Medical Surgical Nursing.

Objectives:

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

1. Appreciate the trends & issues in the field Medical – Surgical Nursing as a speciality.
2. Apply concept & 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 centered nursing care with associated disorder such as genetic, congenital nursing care with associated disorder such as genetic, congenital and long – term illness.
7. Recognize and manage emergencies with Medical – Surgical patients.
8. Describe various recent technologies & treatment modalities in the management of critically ill patients.
9. Appreciate the legal & ethical issues relevant to Medical – Surgical Nursing.
10. Prepare a design for layout and management of Medical – Surgical Units.
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 in the field of Medical – Surgical Nursing.
13. Recognize the role of Nurse practitioner as a member of the Medical – Surgical health team.
14. Teach Medical – Surgical Nursing to undergraduate nursing students & in – service nurses.

CLINICAL SPECIALTY – I**OBSTETRIC AND GYNAECOLOGICAL NURSING****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 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.

Objectives:

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

1. Appreciate the trends in the field of midwifery, Obstetrics and gynaecology as a speciality.
2. Describe the population dynamics and indicators of maternal and child health.

3. Describe the concept of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
4. Provide comprehensive nursing care to women during reproductive period and newborns.
5. Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynaecological nursing.
6. Identify and analyze the deviations from normal birth process and refer appropriately.
7. Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse.
8. Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation.
9. Describe the role of various types of complementary and alternative therapies in obstetric and gynaecological nursing.
10. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynaecological nursing.
11. Describe the recent advancement in contraceptive technology and birth control measures.
12. Appreciate the legal and ethical issues pertaining to obstetric and gynaecological nursing.

CLINICAL SPECIALTY – I

CHILD HEALTH (PAEDIATRIC) NURSING

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 appreciate the child as a holistic individual and develop skill to function as neonatal and pediatric nurse specialist. It will further enable the student to function as educator, manager, and researcher in the field of Pediatric nursing.

Objectives:

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

1. Appreciate the history and development in the field of pediatrics and pediatric nursing as a specialty.
2. Apply the concepts of growth and development in providing care to the pediatric clients and their families.
3. Appreciate the child as a holistic individual.
4. Perform physical, development, and nutritional assessment of pediatric clients.
5. Apply nursing process in providing nursing care to neonates & children.
6. Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.
7. Recognize and manage emergencies in neonates.

8. Describe various recent technologies and treatment modalities in the management of high risk neonates.
9. Appreciate the legal and ethical issues pertaining to pediatric to pediatric and neonatal nursing.
10. Prepare a design for layout and management of neonatal units.
11. Incorporate evidence based nursing practice and identify the areas of research in the field of pediatric / neonatal nursing.
12. Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team.
13. Teach pediatric nursing to undergraduate students & in – service nurses.

CLINICAL SPECIALITY – I
MENTAL HEALTH (PSYCHIATRIC) NURSING

Course Description

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

Objectives

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

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 in mental disorders and its implications for psychiatric nursing
4. Demonstrate therapeutic communications skills in all interactions
5. Demonstrate the role of psychiatric nurse practitioner in varioustherapeutic modalities
6. Establish and maintain therapeutic relationship with individual andgroups
7. Uses assertive techniques in personal and professional actions
8. Promotes self-esteem of clients, others and self
9. Apply the nursing process approach in caring for patients with mentaldisorders
10. Describe the psychopharmacological agents, their effects and nursesrole
11. Recognize the role of psychiatric nurse practitioner and as a memberof the psychiatric and mental health team
12. Describe various types of alternative system of medicines used inpsychiatric settings
13. Incorporate evidence based nursing practice and identify the areas ofresearch in the field of psychiatric nursing

CLINICAL SPECIALITY- I COMMUNITY HEALTH NURSING

Course Description

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

Objectives

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

1. Appreciate the history and development in the field of Community Health and Community Health Nursing.
2. Appreciate 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 people.
5. Apply nursing process approach while providing care to individuals, families, groups and community.
6. Integrate the concepts of family centered nursing approach while providing care to the community
7. Recognize and participate in the management of emergencies, epidemics and disasters.
8. Apply recent technologies and care modalities while delivering community health nursing care.
9. Appreciate legal and ethical issues pertaining to community health nursing care.
10. Conduct community health nursing care projects.
11. Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and thenational level.
12. Incorporate evidence based nursing practice and identify the areas of research in the community settings.
13. Participate effectively as a member of Community Health team.
14. Coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach.
15. Teach community health nursing to undergraduates, in-service nurses and the community health workers.
16. Demonstrate leadership and managerial abilities in community health nursing practice

NURSING RESEARCH AND STATISTICS

Part-A : Nursing Research

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.

General Objectives:

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

1. Define basic research terms and concepts.
2. Review literature utilizing various sources
3. Describe research methodology
4. Develop a research proposal.
5. Conduct a research study.
6. Communicate research findings
7. Utilize research findings
8. Critically evaluate nursing research studies.
9. Write scientific paper for publication

Part –B : Statistics

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.

General Objectives

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

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.

Objectives

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

1. Describe 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 vis a vis 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. Collaborate and co-ordinate with various agencies by using multi-sectoral approach
7. Discuss the planning, supervision and management of nursing workforce for various health care settings.
8. Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care
9. Identify and analyse legal and ethical issues in nursing administration
10. Describe the process of quality assurance in nursing services.
11. Demonstrate leadership in nursing at various levels

CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING

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.

Objectives

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, pathophysiology 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 cardiovascular and thoracic nursing practice.

CLINICAL SPECIALITY – II MEDICAL SURGICAL NURSING - CRITICAL CARE NURSING

Course Description

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

Objectives

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

1. Appreciate trends and issues related to Critical Care Nursing.
2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients
3. Describe the various drugs used in critical care and nurses responsibility
4. Perform physical, psychosocial & spiritual assessment

5. Demonstrate advance skills/competence in managing critically ill patients including Advance Cardiac Life Support.
6. Demonstrate skill in handling various equipments/gadgets used for critical care
7. Provide comprehensive care to critically ill patients.
8. Appreciate team work & coordinate activities related to patient care.
9. Practice infection control measures.
10. Assess and manage pain .
11. Identify complications & take appropriate measures.
12. Discuss the legal and ethical issues in critical care nursing
13. Assist patients and their family to cope with emotional distress, spiritual, grief and anxiety
14. Assist in various diagnostic, therapeutic and surgical procedures
15. Incorporate evidence based nursing practice and identify the areas of research in the field of critical care nursing
16. Identify the sources of stress and manage burnout syndrome among health care provider
17. Teach and supervise nurses and allied health workers.
18. Design a layout of ICU and develop standards for critical care nursing practice.

CLINICAL SPECIALITY-II

MEDICAL SURGICAL NURSING- ONCOLOGY NURSING

Course Description

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

Objectives

1. Explain the prevention, screening and early detection of cancer
2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems
3. Describe the psychosocial effects of cancer on patients and families.
4. Demonstrate skill in administering/assisting in various treatment modalities used for patients with cancer
5. Apply nursing process in providing holistic care to patients with cancer.
6. Apply specific concepts of pain management
7. Appreciate the care of death and dying patients and value of bereavement support.
8. Describe the philosophy, concept and various dimensions of palliative care
9. Appreciate the role of alternative systems of medicine in care of cancer patients
10. Appreciate the legal & ethical issues relevant to oncology nursing
11. Recognize and manage Oncological emergencies
12. Counsel the patients with cancer and their families
13. Incorporate evidence based nursing practice and identify the areas of research in the field of oncology nursing

14. Recognize the role of oncology nurse practitioner as a member of oncology team
15. Collaborate with other agencies and utilize resources in caring for cancer patients.
16. Teach and supervise nurses and allied health workers.
17. Design a layout and develop standards for management of oncology units/hospitals and nursing care

CLINICAL SPECIALITY – II
MEDICAL SURGICAL NURSING- NEUROSCIENCES NURSING

Course Description

This course is designed to assist students in developing expertise and in-depth knowledge in the field of neurology and neurosurgical Nursing. It will help students to develop advanced skills for nursing intervention in caring for patients with neurological and neurosurgical disorders. It will enable the student to function as neuroscience nurse practitioner/ specialist. It will further enable the student to function as educator, manager and researcher in the field of neurology and neurosurgical Nursing.

Objectives

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

1. Appreciate trends and issues related to neurology and neurosurgical Nursing.
2. Review the anatomy and physiology of nervous system
3. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients with neurological and neurosurgical disorders
4. Perform neurological assessment and assist in diagnostic procedures
5. Describe the concepts and principles of neuroscience nursing
6. Describe the various drugs used in neurosciences and nurses responsibility
7. Assist in various therapeutic and surgical procedures in neuroscience nursing
8. Demonstrate advance skills/competence in managing patients with neurological and neurosurgical disorder following nursing process approach
9. Identify psychosocial problems of patients with disabilities and assist patients and their family to cope with emotional distress, spiritual, grief and anxiety
10. Participate in preventive, promotive and rehabilitative services for neurological and neurosurgical patients
11. Explain the legal and ethical issues related to brain death, organ transplantation and practice of neuroscience nursing
12. Incorporate evidence based nursing practice and identify the areas of research in the field of neuroscience nursing
13. Organise and conduct in-service education program for nursing personnel.
14. Develop standards of care for quality assurance in neuroscience nursing practice
15. Identify the sources of stress and manage burnout syndrome among health care providers.
16. Teach and supervise nurses and allied health workers.
17. Plan and develop physical layout of neuro intensive care unit

CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING- NEPHRO-UROLOGY NURSING

Course Description

This course is designed to assist students in developing expertise and in-depth understanding in the field of Nephro and urological Nursing. It will help students to develop advanced skills for nursing intervention in various nephro and urological conditions. It will enable the student to function as a nephro and urology nurse practitioner/specialist and provide quality care. It will further enable the student to function as an educator, manager, and researcher in the field of nephro and urology nursing.

Objectives

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

1. Appreciate trends and issues related to **nephro and urological** nursing
2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of **nephro and urological** conditions
3. Perform physical, psychosocial & spiritual assessment
4. Assist in various diagnostic, therapeutic and surgical interventions
5. Provide comprehensive nursing care to patients with **nephro and urological conditions**
6. Describe the various drugs used in **nephro and urological** conditions and nurses' responsibility
7. Demonstrate skill in handling various equipments/gadgets used for patients with **nephro and urological** conditions
8. Appreciate team work & coordinate activities related to patient care.
9. Practice infection control measures.
10. Identify emergencies and complications & take appropriate measures
11. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs
12. Discuss the legal and ethical issues in **nephro and urological** nursing
13. Identify the sources of stress and manage burnout syndrome among health care providers
14. Appreciate the role of alternative system of medicine in the care of patient
15. Incorporate evidence based nursing practice and identify the areas of research in the field of **nephro and urological** nursing
16. Teach and supervise nurses and allied health workers.
17. Design a layout of kidney transplant unit and dialysis unit
18. Develop standards of nephro urological nursing practice

CLINICAL SPECIALITY – II
MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING

Course Description

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

Objectives

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

1. b Appreciate the history and developments in the field of orthopedic nursing
2. Identify the psycho-social needs of the patient while providing holistic care.
3. Perform physical and psychological assessment of patients with orthopedic conditions and disabilities.
4. Describe various disease conditions and their management
5. Discuss various diagnostic tests required in orthopedic conditions
6. Apply nursing process in providing care to patients with orthopedic conditions and those requiring rehabilitation.
7. Recognize and manage orthopedic emergencies.
8. Describe recent technologies and treatment modalities in the management of patients with orthopedic conditions and those requiring rehabilitation.
9. Integrate the concept of family centered, long term care and community based rehabilitation to patients with orthopedic conditions.
10. Counsel the patients and their families with orthopedic conditions
11. Describe various orthotic and prosthetic appliances
12. Appreciate the legal and ethical issues pertaining to patients with orthopedic conditions and those requiring rehabilitation.
13. Appreciate the role of alternative system of medicine in care of patients with orthopedic conditions
14. Incorporate evidence based nursing practice and identify the areas of research in the field of orthopedic nursing.
15. Recognize the role of orthopedic nurse practitioner and as a member of the orthopedic and rehabilitation team.
16. Teach orthopedic nursing to undergraduate students and in-service nurses.
17. Prepare a design and layout of orthopedic and rehabilitative units.

CLINICAL SPECIALITY - II
MEDICAL SURGICAL NURSING - GASTRO ENTEROLOGY NURSING

Course Description

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

Objectives

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

1. Appreciate trends and issues related to gastro enterology nursing
2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of gastrointestinal conditions
3. Participate in national health programs for health promotion, prevention and rehabilitation of patients with gastrointestinal conditions
4. Perform physical, psychosocial & spiritual assessment
5. Assist in various diagnostic, therapeutic and surgical procedures
6. Provide comprehensive care to patients with gastrointestinal conditions
7. Describe the various drugs used in gastrointestinal conditions and nurses responsibility
8. Demonstrate skill in handling various equipments/gadgets used for patients with gastrointestinal conditions
9. Appreciate team work & coordinate activities related to patient care.
10. Practice infection control measures.
11. Identify emergencies and complications & take appropriate measures
12. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs
13. Discuss the legal and ethical issues in GE nursing
14. Identify the sources of stress and manage burnout syndrome among health care providers
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 gastrointestinal nursing
17. Teach and supervise nurses and allied health workers.
18. Design a layout of Gastro enterology intensive care unit (GEICU) , livercare/transplant unit

CLINICAL SPECIALITY – II OBSTETRIC AND GYNAECOLOGICAL NURSING

Course Description

This course is designed to assist the student in developing expertise and indepth understanding in the field of Obstetric and gynecological Nursing .Itwill help the student to develop advanced nursing skills for nursinginterventions in various obstetrical and gynecological conditions. It willfurther enable the students to function as midwifery nurse practitioner/specialist, educator, manager and researcher in the field of obstetric andgynecological nursing.

Objectives

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

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

CLINICAL SPECIALTY –II PEDIATRIC (CHILD HEALTH) NURSING

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

Objectives

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. Utilize the recent technology and various treatment modalities in the management of high risk children
6. Prepare a design for layout and describe standards for management of pediatric units/hospital
7. Identify areas of research in the field of pediatric nursing

CLINICAL SPECIALITY - II PSYCHIATRIC (MENTAL HEALTH) NURSING

Course Description

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

Objectives

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

1. Apply the nursing process in the care of patients with mental disorders in hospital and community
2. Demonstrate advanced skills/competence in nursing management of patients with mental disorders

3. Identify and care for special groups like children, adolescents, women, elderly, abused and neglected, people living with HIV/AIDS.
4. Identify and manage psychiatric emergencies.
5. Provide nursing care to critically ill patients with mental disorders
6. Utilize the recent technology and various treatment modalities in the management of patients with mental disorders
7. Demonstrate skills in carrying out crisis intervention.
8. Appreciate the legal and ethical issues pertaining to psychiatric nursing.
9. Identify areas of research in the field of psychiatric nursing.
10. Prepare a design for layout and describe standards for management of Psychiatric units/emergency units/hospitals
11. Teach psychiatric nursing to undergraduate students & in-service nurses.

CLINICAL SPECIALITY – II COMMUNITY HEALTH NURSING

Course Description

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

Objectives

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

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