

COURSE OBJECTIVES

M.SC NURSING

FIRST YEAR M. SC NURSING

NURSING EDUCATION:

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

Course objectives:

At the end of the course the students are able to:

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 analyse 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 analyse 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.

ADVANCED NURSING PRACTICE:

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

Course objectives:

At the end of the course the students are 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:

Part A: Nursing Research:

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

Course objectives:

At the end of the course the students are 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.
8. Critically evaluate research reports and articles.
9. Write scientific paper for publications.

Part –B: Statistics (External Faculty):

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 objectives:

At the end of the course the students are 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.

MEDICAL SURGICAL NURSING-I:

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 objectives:

At the end of the course the students are 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.



OBSTETRIC AND GYNAECOLOGICAL NURSING- 1:

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.

Course objectives:

At the end of the course the students are 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, labour 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 analyse 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



COMMUNITY HEALTH NURSING-I

This course is designed to facilitate the student's understanding of concepts, principles, methods and approaches in community health nursing, epidemiology environmental health, population dynamics and their application in the practice of community health nursing.

Course objectives:

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

1. Review the history and development in the field of community health and community health nursing.
2. Analyse 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. Apply epidemiological concepts and principles in community health nursing practice.
7. Integrate the concepts of family centred nursing approach while providing care to the community.
8. Recognize & participate in the management of emergencies, epidemics and disaster.
9. Identify and 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 community health nursing project.
12. Participate in planning, implementation and evaluation of various national health and family welfare programmes.
13. Participate effectively as a member of community health team.
14. Co-ordinate and collaborate with various agencies operating in the community by using intersectoral approach.
15. Teach community health nursing to under graduates, public health nurses and the community health workers.



SECOND YEAR M.Sc. NURSING:

NURSING MANAGEMENT:

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

Course objectives:

At the end of the course the students are 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 healthcare settings.
7. Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care
8. Identify and analyse 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.

OBSTETRIC AND GYNAECOLOGICAL NURSING II:

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 objectives:

At the end of the course the students are 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.
4. Identify and manage obstetrical and neonatal emergencies as per protocol
5. Practice infection control measures
6. Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynaecological and neonatal care
7. Demonstrate skill in handling various equipment's/gadgets used for obstetric, gynaecologic and neonatal care
8. Teach and supervise nursing students and allied health workers
9. Design a layout of specialty units of obstetrics and gynaecology
10. Develop standards for obstetrics and gynaecologic nursing practice.
11. Counsel women and families

COMMUNITY HEALTH NURSING-II

This course is designed to facilitate the students understanding of concepts principles and approaches in health planning, administration and management of health services, team approach, leadership, quality assurance, care of vulnerable groups in the community and application of research in community health nursing.

Course objectives

At the end of the course the students 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 programmes.
4. Participate effectively as team member in the health planning at local, regional, state and national level.
5. Apply epidemiology concepts and principles in community health nursing practice.
6. Demonstrate leadership qualities in the field of community health nursing.
7. Supervise & guide the nursing personnel working in community health setting.
8. Demonstrate higher competences in guiding & supervising undergraduate students in the area of community health nursing.
9. Conduct individual research in the field of community health.
10. Teach & supervise public health nurses & allied health workers.
11. Demonstrate competency in providing family centred nursing care independently

MEDICAL SURGICAL NURSING-II

CARDIOVASCULAR AND THORACIC NURSING

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

Course 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, ethology, 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 cardiovascular 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 equipment /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.