

## **M. Sc. NURSING**

### **PROGRAMME OUTCOMES**

- ❖ To prepare postgraduates to assume responsibilities as nurse specialist, consultants, educators, Administrators in a wide variety of professional setting.

### **PROGRAMME SPECIFIC OUTCOMES**

**On Completion of the two year M.Sc. Nursing Programme, the postgraduate will be able to:**

1. Utilize/apply the concepts, theories and principles of nursing science
2. Demonstrate advance competence in practice of nursing;
3. Practice as a nurse specialist.
4. Demonstrate leadership qualities and function effectively as nurse educator and manager.
5. Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research
6. Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.
7. Establish collaborative relationship with members of other disciplines
8. Demonstrate interest in continued learning for personal and professional advancement.

## **COURSE OUTCOMES**

### **COURSE: FIRST YEAR M.Sc. NURSING**

#### **NURSING EDUCATION:**

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

- Explain the aims of education, philosophies, trends in education and health: its impact on nursing education.
- Describe the teaching learning process.
- Prepare and utilize various instructional media and methods in teaching learning process.
- Demonstrate competency in teaching, using various instructional strategies.
- Critically analyze the existing nursing educational programs, their problems, issues and future trends.
- Describe the process of curriculum development, and the need and the methodology of curriculum changes, innovation and integration.
- Plan and conduct continuing nursing education programs.
- Critically analyze the existing teacher preparation programs in nursing.
- Demonstrate skill in guidance and counseling.
- Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.
- Explain the development of standards and accreditation process in nursing education programs.
- Identify research priorities in nursing education.
- Discuss various models of collaboration in nursing education and services.
- Explain the concept, principles, steps, tools and techniques of evaluation.
- Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude.

#### **ADVANCED NURSING PRACTICE**

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

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

# **NURSING RESEARCH AND STATISTICS**

## **Part A: Nursing Research**

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

- Define basic research terms and concepts.
- Review literature utilizing various sources
- Describe research methodology
- Develop a research proposal.
- Conduct a research study.
- Analyze and interpret the research data
- Communicate research findings
- Utilize research findings
- Critically evaluate nursing research studies
- write scientific paper for publication

## **PART – B : STATISTICS**

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

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

## **CLINICAL SPECIALITY – I**

### **MEDICAL SURGICAL NURSING – I**

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

- Appreciate trends and issues in the field of Medical Surgical Nursing as a speciality.
- Apply concepts and theories related to health promotion.
- Appreciate the client as a holistic individual.
- Perform physical, psychosocial assessment of Medical Surgical patients.
- Apply Nursing process in providing care to patients.
- Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness.
- Recognize and manage emergencies with Medical Surgical patients.
- Describe various recent technologies and treatment modalities in the management of critically ill patients.
- Appreciate the legal and ethical issues relevant to Medical Surgical Nursing.
- Prepare a design for layout and management of Medical Surgical units.
- Appreciate the role of alternative systems of medicine in care of patients.
- Incorporate evidence based Nursing practice and identify the areas of research in the field of Medical Surgical Nursing.
- Recognize the role of Nurse practitioner as a member of the Medical Surgical health teams.
- Teach Medical Surgical Nursing to undergraduate nursing students and in-service nurses.

### **OBSTETRIC AND GYNAECOLOGICAL NURSING - I**

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

- Appreciate the trends in the field of midwifery, obstetrics and gynaecology 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.
- Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynecological nursing.
- Identify and analyze the deviations from normal birth process and refer appropriately.
- Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse
- Counsel adolescents, women and families on issues pertaining to pregnancy, child birth And lactation
- Describe the role of various types of complementary and alternative therapies in obstetric And gynecological nursing
- Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynecological nursing
- Describe the recent advancement in contraceptive technology and birth control measures.
- Appreciate the legal and ethical issues pertaining to obstetric and gynaecological nursing

## **COMMUNITY HEALTH NURSING-I**

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

- Appreciate the history and development in the field of Community health and Community Health Nursing.
- Appreciate the role of individuals and families in promoting health of the Community.
- Perform physical, developmental and nutritional assessment of individuals, families and groups.
- Apply the concepts of promotive, preventive, curative and rehabilitative aspects of health
- While providing care to the people.
- Apply nursing process approach while providing care to individuals, families, groups and community.
- Integrate the concepts of family centered nursing approach while providing care to the community.
- Recognize and participate in the management of emergencies, epidemics and disasters.
- Apply recent technologies and care modalities while delivering community health nursing care.
- Appreciate legal and ethical issues pertaining to community health nursing care.
- Conduct community health nursing care projects.
- Participate in planning, implementation and evaluation of various national health and Family welfare programmes at local, state and national level.
- Incorporate evidence based nursing practice and identify the areas of research in the community settings.
- Participate effectively as a member of Community Health team.
- Coordinate and collaborate with various agencies operating in the community by using Intersectoral and multi-disciplinary approach.
- Teach community health nursing to undergraduates, in-service nurses and the community health workers.
- Demonstrate leadership and managerial abilities in community health nursing practice.

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

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

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

## **COURSE: FINAL YEAR M.Sc. NURSING**

### **NURSING MANAGEMENT**

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

- Describe the philosophy and objective of the health care institutions at various levels.
- Identify trends and issues in nursing.
- Discuss the public administration, health care administration & nursing administration.
- Describe the principles of administration applied to nursing.
- Explain the organization of health and nursing services at the various levels / institutions.
- Collaborate and co-ordinate with various agencies by using multisectoral approach.
- Discuss the planning, supervision and management of nursing workforce for various health Care settings.
- Discuss various collaborative models between nursing education and nursing service to
- Improve the quality of nursing care.
- Identify and analyse legal and ethical issues in nursing administration.
- Describe the process of quality assurance in nursing services.
- Demonstrate leadership in nursing at various levels.

### **CLINICAL SPECIALITY – II**

#### **MEDICAL SURGICAL NURSING - CARDIO VASCULAR AND THORACIC NURSING**

#### **A the end of the course the students will be able to:**

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

## **OBSTETRIC AND GYNAECOLOGICAL NURSING**

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

- Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of Women with obstetric and gynecological conditions
- Perform physical, psychological, cultural and spiritual assessment
- Demonstrate competence in caring for women with obstetrical and gynecological conditions
- Demonstrate competence in caring for high risk newborn
- Identify and manage obstetrical and neonatal emergencies as per protocol
- Practice infection control measures
- Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynecological and neonatal care
- Demonstrate skill in handling various equipments / gadgets used for obstetrical, gynecological and neonatal care
- Teach and supervise nurses and allied health workers
- Design a layout of specialty units of obstetrics and gynecology
- Develop standards for obstetrical and gynecological nursing practice
- Counsel women and families
- Incorporate evidence based nursing practice and identify the areas of research in the field Of obstetrical and gynecological nursing
- Function as independent midwifery nurse practitioner

## **COMMUNITY HEALTH NURSING**

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

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

\*\*\*\*\*