M.O.S.C. COLLEGE OF NURSING, KOLENCHERY
Affiliated to Kerala University of Health Sciences, Thrissur,
Recognized by Kerala Nurses and Midwives Council, Thiruvananthapuram and
Indian Nursing Council, New Delhi
MALANKARA ORTHODOX SYRIAN CHURCH MEDICAL MISSION
KOLENCHERY-682 311, ERNAKULAM

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 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**.**

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.

9. Critically evaluate research reports and articles.

10. 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.

MENTAL HEALTH (PSYCHIATRIC) NURSING-1:

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 objectives:

At the end of the course the students are 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 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.

CHILD HEALTH (PAEDIATRIC) NURSING-I:

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 objectives:

At the end of the course the students are 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

OBSTETRIC AND GYNAECOLOGICAL NURSING- 1:

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 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, 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

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 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 - NEUROSCIENCES NURSING

This course is designed to assist students in developing expertise and in-depth knowledge in the field of Neurosciences 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 Neurosciences Nursing.

Course objectives:

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

1. Appreciate trends and issues related to Neurosciences Nursing.

2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients with neurological and neurosurgical disorders

3. Describe the various drugs used in neurosciences and nurses responsibility

4. Perform physical, psychosocial & spiritual assessment

5. Demonstrate advanced skills/competence in managing patients with neurological and neurosurgical disorder following nursing process approach

6. Identify psychosocial problems of patients with disabilities and assist patients and their family to cope with emotional and spiritual distress, grief and anxiety

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

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

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

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

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

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

11. Teach and supervise nurses and allied health workers

12. Design physical layout of neuro intensive care unit

MENTAL HEALTH (PSYCHIATRIC) NURSING-II:

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 objectives:

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

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.

PAEDIATRIC (CHILD HEALTH) NURSING - II:

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 objectives:

At the end of the course the students are 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

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.

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