

# **MAR BASELIOS COLLEGE OF NURSING, KOTHAMANGALAM**

## **CURRICULUM FRAME WORK AND PROGRAM OUTCOMES**

### **VISION**

Our vision is to become a premier provider of higher education inspired by the spirit of Jesus Christ adopting the Christian conviction of 'The Word is Healing' to empower our learners through holistic and value-based education, fostering academic excellence, cultivating competencies and upholding integrity of character to meet the health needs of the world at large.

### **MISSION**

Our mission is to:

- Provide an enriching educational environment that fosters academic excellence, holistic development and the acquisition of skills while instilling moral and ethical values.
- Designate faculty with academic excellence who are committed to strive for the attainment of our mission.
- Nurture creativity and encourage exploration of student's creative potentials by providing an ecosystem that supports the practical application of innovative ideas.
- Promote a vibrant research culture by fostering an environment that encourages curiosity, critical thinking and knowledge acquisition contributing to the integral development of both students and faculty.
- Develop students with intellectual and professional competence to meet the challenges of the world.

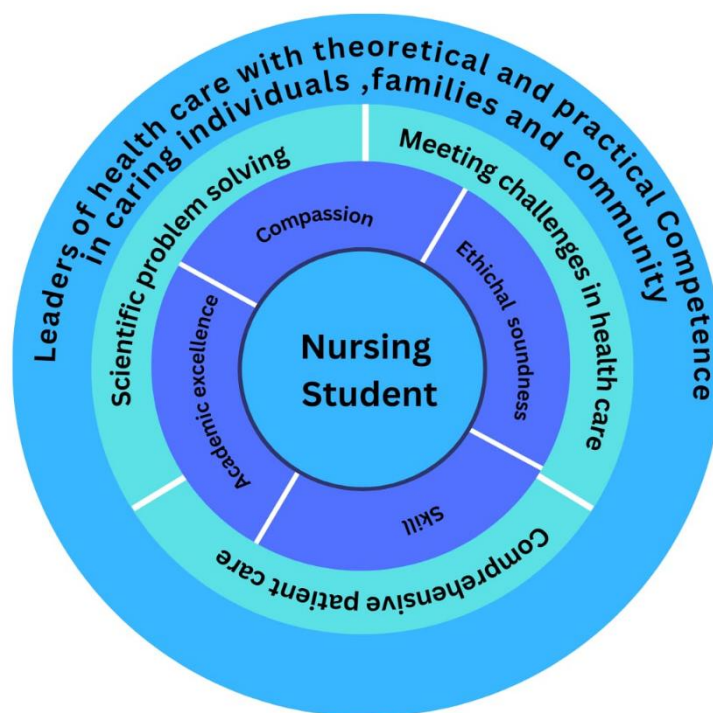
### **PHILOSOPHY**

We, the faculty of Mar Baselios College of Nursing, in keeping up with the Christian Spirit, ideals and charitable motto of Mar Baselios Medical Mission Association.

- Believe that nursing is a universal service based on scientific problem-solving approach rendering comprehensive care to the society in health and illness.
- Recognize that professional nurses are the back bone of the health care setting providing promotive, preventive, curative and rehabilitation services all through life.
- Recognize that professional nursing requires sound knowledge, attitude and skill to meet the challenges in health care and technology based on professional trends and changing health needs
- Believe that nursing education contributes to the all-round development of the students to shoulder the responsibilities in various levels of nursing position upholding the dignity of the profession.
- Recognize the need for continuing education for professional growth and development through research.

## CURRICULUM FRAME WORK

Curriculum framework is one of the most important tools in ensuring consistency and quality in a curriculum system. The curriculum framework provides direction for the selection and organization of learning experiences to achieve program objectives.



The curriculum of Mar Baselios College of Nursing is centered on our institution's mission, vision and philosophy and in par with INC and KUHS guidelines, by ensuring that the common themes necessary for nursing practice are addressed and developed progressively across the course of study.

The elements are arranged in a three-layer approach where the first two layers focus on acquiring cognition, attitude, ethical soundness and essential skills by students. The outer one layer emphasizes the key global theoretical and practical nursing competency the student develops.

The entire course is built upon a student centered model that incorporates the ideals of best practices in teaching and learning. Our college provides teaching and learning to provide a solid base in developing essential qualities of a nurse which are integral to patient care like compassion, skill, ethical soundness and academic excellence.

Innovative educational strategies are adopted acknowledging that learning is social and active process and the construction of knowledge and skills will develop in students scientific

problem-solving skill, ability in meeting challenges in health care and rendering comprehensive patient care.

Our conceptual model is a visualization of the interrelationship of our philosophy, vision and mission. It is framed to accommodate an environment that is supportive with a variety of student learning opportunities, quality education using innovative teaching methods, critical thinking, quality and safety, nursing process, communication, role development, collaboration and teamwork. The graduates are equipped to render promotive, preventive, curative and rehabilitative health care to individuals, families, and community. To achieve the mission, the Nursing Program prepares graduates who will competently practice nursing, understanding the significance of evolving healthcare technology, and apply both professional and ethical principles with sensitivity to the diverse needs of individuals, families and communities.

## **CORE VALUES**

**Compassion:** Showing empathy and care for patients and their families, treating them with kindness and understanding.

**Integrity:** Upholding ethical standards, honesty, and trustworthiness in all professional interactions.

**Respect:** Valuing the dignity, diversity, and individuality of every patient, colleague, and member of the community.

**Excellence:** Striving for the highest quality of care and continuously seeking improvement and innovation in practice.

**Accountability:** Taking responsibility for one's actions and decisions, and being accountable to patients, colleagues, and the institution.

**Collaboration:** Working effectively as part of a healthcare team, sharing knowledge and resources to provide the best care possible.

**Advocacy:** Protecting and promoting patients' rights and interests, ensuring they receive appropriate care and treatment.

**Professionalism:** Demonstrating competence, reliability, and adherence to the standards and guidelines of the nursing profession.

**Safety:** Prioritizing the safety and well-being of patients, colleagues, and oneself in all aspects of nursing practice.

**Lifelong Learning:** Committing to ongoing education and professional development to maintain and enhance nursing skills and knowledge

## **CORE COMPETENCIES FOR NURSING AND MIDWIFERY PRACTICE BY B.Sc. NURSING GRADUATE**

(adopted from INC syllabus)

- 1 **Patient centered care:** Provide holistic care recognizing individual patient's preferences, values and needs, that is compassionate, coordinated, age and culturally appropriate safe and effective care.
- 2 **Professionalism:** Demonstrate accountability for the delivery of standard-based nursing care as per the Council standards that is consistent with moral, altruistic, legal, ethical, regulatory and humanistic principles.
- 3 **Teaching & Leadership:** Influence the behaviour of individuals and groups within their environment and facilitate establishment of shared goals through teaching and leadership
- 4 **System-based practice:** Demonstrate awareness and responsiveness to the context of healthcare system and ability to manage resources essential to provide optimal quality of care.
- 5 **Health informatics and Technology:** Use technology and synthesize information and collaborate to make critical decisions that optimize patient outcomes.
- 6 **Communication:** Interact effectively with patients, families and colleagues fostering mutual respect and shared decision making to enhance patient satisfaction and health outcomes.
- 7 **Teamwork and Collaboration:** Function effectively within nursing and interdisciplinary teams, fostering open communication, mutual respect, shared decision making, team learning and development.
- 8 **Safety:** Minimize risk of harm to patients and providers through both system effectiveness and individual performance.
- 9 **Quality improvement:** Use data to monitor the outcomes of care processes and utilize improvement methods to design and test changes to continuously improve the quality and safety of healthcare system.
- 10 **Evidence based practice:** Identify, evaluate and use the best current evidence coupled with clinical expertise and consideration of patient 's preferences, experience and values to make practical decisions

### **GENERAL PROGRAM OUTCOMES**

The ultimate outcomes of BSc Nursing Program of Mar Baselios College of Nursing are

- Give rise to competent nurses and midwives who are knowledgeable, having critical thinking skills, assertive, disciplined and caring who are capable of responding to changing needs of profession, health care delivery system and community.

- Equip student nurses to take up responsibilities as skilled nurses and midwives, in providing promotive preventive, curative and rehabilitative services in different health care settings
- Prepare students to assume and successfully play multiple roles of teacher, practitioner, researcher, manager and advocate in different health care settings
- Groom nurses and midwives who are capable of making independent decisions in nursing situations within the scope of practice, protect rights of individuals and groups and conduct research in areas of nursing practice and apply evidence based practice

## **COURSE OBJECTIVES - B.Sc NURSING**

### **SEMESTER I**

#### **COMMUNICATIVE ENGLISH**

On completion of the course, the students will be able to:

1. Identify the significance of Communicative English for healthcare professionals.
2. Apply the concepts and principles of English Language use in professional development such as pronunciation, vocabulary, grammar, paraphrasing, voice modulation, Spelling, pause and silence.
3. Apply LSRW (Listening, Speaking, Reading and Writing) Skill in combination to learn, teach, educate and share information, ideas and results.

#### **APPLIED ANATOMY**

On completion of the course, the students will be able to:

1. Describe anatomical terms.
2. Explain the general and microscopic structure of each system of the body.
3. Identify relative positions of the major body organs as well as their general anatomic locations.
4. Explore the effect of alterations in structure.

#### **APPLIED PHYSIOLOGY**

On completion of the course, the students will be able to:

1. Develop understanding of the normal functioning of various organ systems of the body.
2. Identify the relative contribution of each organ system towards maintenance of homeostasis.
3. Describe the effect of alterations in functions.
4. Apply knowledge of physiological basis to analyze clinical situations and therapeutic applications.

#### **APPLIED SOCIOLOGY**

On completion of the course, the students will be able to:

1. Identify the scope and significance of sociology in nursing.
2. Apply the knowledge of social structure and different culture in a society in identifying social needs of sick clients.
3. Develop understanding about social organization and disorganization and social problems in India.

### **APPLIED PSYCHOLOGY**

On completion of the course, the students will be able to:

1. Identify the importance of psychology in individual and professional life.
2. Develop understanding of the biological and psychological basis of human behavior.
3. Identify the role of nurse in promoting mental health and dealing with altered personality.

### **NURSING FOUNDATION – I**

On completion of the course, the students will be able to:

1. Develop understanding about the concept of health, illness and scope of nursing within health care services.
2. Apply values, code of ethics and professional conduct in professional life.
3. Apply the principles and methods of effective communication in establishing communication links with patients, families and other health team members.
4. Develop skill in recording and reporting.
5. Demonstrate competency in monitoring and documenting vital signs.
6. Perform first aid measures during emergencies.
7. Identify the educational needs of patients and demonstrate basic skills of patient education

## **SEMESTER II**

### **APPLIED BIOCHEMISTRY**

On completion of the course, the students will be able to:

1. Describe the metabolism of carbohydrates and its alterations.
2. Explain the metabolism of lipids and its alterations.
3. Explain the metabolism of proteins and amino acids and its alterations.
4. Explain clinical enzymology in various disease conditions.
5. Explain acid base balance, imbalance and its clinical significance.

## **APPLIED NUTRITION AND DIETETICS**

On completion of the course, the students will be able to

1. Identify the importance of nutrition in health and wellness.
2. Apply nutrient and dietary modifications in caring patients.
3. Explain the principles and practices of Nutrition and Dietetics.
4. Identify nutritional needs of different age groups and plan a balanced diet for them

## **NURSING FOUNDATIONS – II**

On completion of the course, the students will be able to

1. Develop understanding about fundamentals of health assessment and perform health assessment in supervised clinical settings
2. Demonstrate fundamental skills of assessment, planning, implementation and evaluation of nursing care using Nursing process approach in supervised clinical settings
3. Assess the Nutritional needs of patients and provide relevant care under supervision
4. Identify and meet the hygienic needs of patients
5. Identify and meet the elimination needs of patient
6. Apply the knowledge of the principles, routes, effects of administration of medications in administering medication
7. Calculate conversions of drugs and dosages within and between systems of measurements
8. Demonstrate knowledge and understanding in caring for patients with altered functioning of sense organs and unconsciousness
9. Integrate the knowledge of culture and cultural differences in meeting the spiritual needs
10. Explain the introductory concepts relevant to models of health and illness in patient care

## **HEALTH/NURSING INFORMATICS AND TECHNOLOGY**

On completion of the course, the students will be able to

1. Develop a basic understanding of computer application in patient care and nursing practice
2. Apply the knowledge of computer and information technology in patient care and nursing education, practice, administration and research.
3. Describe the principles of health informatics and its use in developing efficient healthcare.
4. Demonstrate the use of information system in healthcare for patient care and utilization of nursing

5. Demonstrate the knowledge of using Electronic Health Records (EHR) system in clinical practice.
6. Utilize evidence-based practices in informatics and technology for providing quality patient care.
7. Update and utilize evidence-based practices in nursing education, administration, and practice.

## **SEMESTER III**

### **APPLIED MICROBIOLOGY**

On completion of the course, the students will be able to:

1. Identify the ubiquity and diversity of microorganisms in the human body and the environment.
2. Classify and explain the morphology and growth of microbes.
3. Identify various types of microorganisms.
4. Explore mechanisms by which microorganisms cause disease.
5. Develop understanding of how the human immune system counteracts infection by specific and non-specific mechanisms.
6. Apply the principles of preparation and use of vaccines in immunization.
7. Identify the contribution of the microbiologist and the microbiology laboratory to the diagnosis of infection.

### **INFECTION CONTROL & SAFETY**

On completion of the course, the students will be able to:

1. Develop knowledge and understanding of Hospital acquired Infections (HAI) and effective practices for prevention.
2. Integrate the knowledge of isolation (Barrier and reverse barrier) techniques in implementing various precautions.
3. Demonstrate and practice steps in Hand washing and appropriate use of different types of PPE.
4. Illustrate various disinfection and sterilization methods and techniques.
5. Demonstrate knowledge and skill in specimen collection, handling and transport to optimize the diagnosis for treatment.
6. Incorporate the principles and guidelines of Bio Medical waste management.
7. Apply the principles of Antibiotic stewardship in performing the nurses 'role



## **PHARMACOLOGY - I**

On completion of the course, the students will be able to

1. Describe pharmacodynamics and pharmacokinetics.
2. Review the principles of drug calculation and administration.
3. Explain the commonly used antiseptics and disinfectants.
4. Describe the pharmacology of drugs acting on the GI system.
5. Describe the pharmacology of drugs acting on the respiratory system.

## **PATHOLOGY – I**

On completion of the course, the students will be able to

1. Apply the knowledge of pathology in understanding the deviations from normal to abnormal pathology.
2. Rationalize the various laboratory investigations in diagnosing pathological disorders.
3. Demonstrate the understanding of the methods of collection of blood, body cavity fluids, urine and faeces for various tests.
4. Apply the knowledge of genetics in understanding the various pathological disorders.
6. Rationalize the specific diagnostic tests in the detection of genetic abnormalities.
7. Demonstrate the understanding of various services related to genetics.

## **ADULT HEALTH NURSING – I**

On completion of Medical Surgical Nursing I course, students will be able to

1. Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of common medical and surgical disorders.
2. Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of anatomy, physiology and diagnostic tests in the process of data collection.
3. Identify nursing diagnoses, list them according to priority and formulate nursing care plan.
4. Perform nursing procedures skilfully and apply scientific principles while giving comprehensive nursing care to patients.
5. Integrate knowledge of pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.
6. Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.
7. Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.

8. Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.

#### **SEMESTER IV.**

##### **PHARMACOLOGY – II**

On completion of the course, the students will be able to

1. Explain the drugs used in the treatment of ear, nose, throat and eye disorders.
2. Explain the drugs used in the treatment of urinary system disorders.
3. Describe the drugs used in the treatment of nervous system disorders.
4. Explain the drugs used for hormonal replacement and for the pregnant women during antenatal, intra natal and postnatal period.
5. Explain the drugs used to treat emergency conditions and immune disorders.
6. Discuss the role and responsibilities of nurses towards safe administration of drugs used to treat disorders of various systems with basic understanding of pharmacology.
7. Demonstrate understanding about the drugs used in alternative system of medicine. 8. Demonstrate understanding about the fundamental principles of prescribing.

##### **PATHOLOGY - II AND GENETICS**

On completion of the course, the students will be able to

1. Apply the knowledge of pathology in understanding the deviations from normal to abnormal pathology
2. Rationalize the various laboratory investigations in diagnosing pathological disorders
3. Demonstrate the understanding of the methods of collection of blood, body cavity fluids, urine and faces for various tests
4. Apply the knowledge of genetics in understanding the various pathological disorders
5. Appreciate the various manifestations in patients with diagnosed genetic abnormalities
6. Rationalize the specific diagnostic tests in the detection of genetic abnormalities.
7. Demonstrate the understanding of various services related to genetics.

##### **ADULT HEALTH NURSING – II**

On completion of the course the students will apply nursing process and critical thinking in delivering holistic nursing care with selected Medical and Surgical conditions. At the completion of Adult Health Nursing II course, students will

1. Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of selected common medical and surgical disorders.

2. Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of diagnostic tests in the process of data collection.
3. Identify diagnoses, list them according to priority and formulate nursing care plan.
4. Perform nursing procedures skilfully and apply scientific principles while giving comprehensive nursing care to patients.
5. Integrate knowledge of anatomy, physiology, pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.
6. Identify common diagnostic measures related to the health problems with emphasis on nursing 103 assessment and responsibilities.
7. Demonstrate skill in assisting/performing diagnostic and therapeutic procedures

### **PROFESSIONALISM, PROFESSIONAL VALUES & ETHICS INCLUDING BIOETHICS**

On completion of this course, the students will be able to

1. Describe profession and professionalism.
2. Identify the challenges of professionalism.
  1. Maintain respectful communication and relationship with other health team members, patients and society.
3. Demonstrate professional conduct.
4. Describe various regulatory bodies and professional organizations related to nursing.
5. Discuss the importance of professional values in patient care.
6. Explain the professional values and demonstrate appropriate professional values in nursing practice.
7. Demonstrate and reflect on the role and responsibilities in providing compassionate care in the healthcare setting.
8. Demonstrate respect, human dignity and privacy and confidentiality to self, patients and their caregivers and other health team members.
9. Advocate for patients' wellbeing, professional growth and advancing the profession.

## **SEMESTER V**

### **CHILD HEALTH NURSING – I**

On completion of the course, the students will be able to

1. Develop understanding of the history and modern concepts of child health and childcare.

2. Explore the national child welfare services, national programs and legislation in the light of National Health Policy 2017.
3. Describe the role of preventive paediatrics and perform preventive measures towards accidents.
4. Participate in national immunization programs/Universal Immunization Program (UIP).
5. Identify the developmental needs of children and provide parental guidance.
6. Describe the principles of child health nursing and perform child health nursing procedures.

### **MENTAL HEALTH NURSING- I**

On completion of the course, the students will be competent to

1. Trace the historical development of mental health nursing and discuss its scope.
2. Identify the classification of the mental disorders.
3. Develop basic understanding of the principles and concepts of mental health nursing
4. Apply the Indian Nursing Council practice standards for psychiatric mental health nursing in supervised clinical settings.
4. Conduct mental health assessment.
5. Identify and maintain therapeutic communication and nurse patient relationship.
6. Demonstrate knowledge of the various treatment modalities and therapies used in mental disorders.
7. Apply nursing process in delivering care to patients with mental disorders.
8. Provide nursing care to patients with schizophrenia and other psychotic disorders based on assessment findings and treatment/therapies used.
9. Provide nursing care to patients with mood disorders based on assessment findings and treatment/therapies used.
10. Provide nursing care to patients with neurotic disorders based on assessment findings and treatment/ therapies used.

### **COMMUNITY HEALTH NURSING – I**

On completion of the course, the students will be able to

1. Explore the evolution of public health in India and community health nursing
2. Explain the concepts and determinants of health
3. Identify the levels of prevention and health problems of India
4. Develop basic understanding about the health care planning and the present health care delivery system in India at various levels

5. Locate the significance of primary health care and comprehensive primary health care as part of current health care delivery system focus
6. Discuss health care policies and regulations in India
7. Demonstrate understanding about an overview of environmental science, environmental health and sanitation
8. Demonstrate skill in nutritional assessment for different age groups in the community and provide appropriate nutritional counselling
9. Provide health education to individuals and families applying the principles and techniques of behaviour change appropriate to community settings
10. Describe community health nursing approaches and concepts
11. Describe the role and responsibilities of community health nursing personnel
12. Utilize the knowledge and skills in providing comprehensive primary health care across the life span at various settings
13. Make effective home visits applying principles and methods used for home visiting
13. Use epidemiological approach in community diagnosis
14. Utilize the knowledge of epidemiology, epidemiological approaches in caring for people with communicable and non- communicable diseases
15. Investigate an epidemic of communicable diseases
16. Assess, diagnose, manage and refer clients for various communicable and noncommunicable diseases appropriately at the primary health care level
17. Identify and perform the roles and responsibilities of nurses in implementing various national health programs in the community for the prevention, control and management of communicable and non-communicable diseases particularly in screening, identification, primary management and referral to a health facility/First Referral Unit (FRU)
18. Explore the evolution of public health in India and community health nursing
19. Explain the concepts and determinants of health
20. Identify the levels of prevention and health problems of India
21. Develop basic understanding about the health care planning and the present health care delivery system in India at various levels
22. Locate the significance of primary health care and comprehensive primary health care as part of current health care delivery system focus
23. Discuss health care policies and regulations in India
24. Demonstrate understanding about an overview of environmental science, environmental health and sanitation

25. Demonstrate skill in nutritional assessment for different age groups in the community and provide appropriate nutritional counselling

### **EDUCATIONAL TECHNOLOGY/NURSING EDUCATION**

On completion of the course, the students will be competent to

1. Develop basic understanding of theoretical foundations and principles of teaching and learning
2. Identify the latest approaches to education and learning
3. Initiate self- assessment to identify one 's own learning styles
4. Demonstrate understanding of various teaching styles that can be used, based on the learners 'readiness and generational needs
5. Develop understanding of basics of curriculum planning, and organizing
6. Analyse and use different teaching methods effectively that are relevant to student population and setting
7. Make appropriate decisions in selection of teaching learning activities integrating basic principles
8. Utilize active learning strategies that enhance critical thinking, team learning and collaboration
9. Engage in team learning and collaboration through inter professional education
10. Integrate the principles of teaching and learning in selection and use of educational media/technology
11. Apply the principles of assessment in selection and use of assessment and evaluation strategies
12. Construct simple assessment tools/tests integrating cognitive, psychomotor and affective domains of learning that can measure knowledge and competence of students
13. Develop basic understanding of student guidance through mentoring and academic advising
14. Identify difficult situations, crisis and disciplinary/grievance issues experienced by students and provide appropriate counselling
15. Engage in ethical practice in educational as well as clinical settings based on values, principles and ethical standards
16. Develop basic understanding of evidence-based teaching practices.

## **INTRODUCTION TO FORENSIC NURSING AND INDIAN LAWS**

On completion of the course, the students will be able to

1. Identify forensic nursing as an emerging specialty in healthcare and nursing practice
2. Explore the history and scope of forensic nursing practice
3. Identify forensic team, role and responsibilities of forensic nurse in total care of victim of violence and in preservation of evidences

## **SEMESTER VI**

### **CHILD HEALTH NURSING - II**

On completion of the course, the students will be able to

1. Apply the knowledge of pathophysiology and provide nursing care to children with Cardiovascular, GI, genitourinary, nervous system disorders, orthopedic disorders, eye ear and skin disorders and communicable diseases
2. Provide care to children with common behavioral, social and psychiatric problems
3. Manage challenged children 4. Identify the social and welfare services for challenged Children

### **MENTAL HEALTH NURSING – II**

On completion of the course, the students will be able to

1. Apply nursing process in providing care to patients with substance use disorders, and personality and sexual disorders.
2. Apply nursing process in providing care to patients with behavioral and emotional disorders occurring during childhood and adolescence.
3. Apply nursing process in providing care to patients with organic brain disorders.
4. Identify and respond to psychiatric emergencies.
5. Carry out crisis interventions during emergencies under supervision.
6. Perform admission and discharge procedures as per MHCA 2017.
7. Explore the roles and responsibilities of community mental health nurse in delivering community mental health services

### **NURSING MANAGEMENT AND LEADERSHIP**

On completion of the course, the students will be able to

1. Analyse the health care trends influencing development of nursing services and education in India.
2. Describe the principles, functions and process of management applied to nursing.
3. Develop basic understanding and beginning competencies in planning and organizing nursing services in a hospital.
4. Apply the concept of human resource management and identify the job description for all categories of nursing personnel including in service education.
5. Discuss the principles and methods of staffing and scheduling in an individual hospital/nursing unit.
6. Develop skill in management of materials and supplies including inventory control.
7. Develop team working and inter professional collaboration competencies.
8. Identify effective leadership styles and develop leadership competencies.
9. Utilize the knowledge of principles and line of control and participate in quality management and evaluation activities.
10. Utilize the knowledge related to financial planning in nursing services and education during budgetary process.
11. Apply the knowledge of nursing informatics in maintenance of records and reports relevant to patient information, nursing care and progress.
12. Demonstrate understanding of the INC guidelines for establishment and accreditation of educational institutions in terms of faculty norms, physical infrastructure and clinical facilities.
13. Demonstrate beginning competencies in planning, organizing and staffing at college including implementation and evaluation of curriculum.
14. Identify the legal issues and laws relevant to nursing practice and education.
15. Apply the knowledge and utilize the various opportunities for professional advancement.

### **MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING – I**

On completion of the program, the students will be able to

1. Demonstrate professional accountability for the delivery of nursing care as per INC standards/ICM competencies that are consistent with moral, altruistic, legal, ethical, regulatory and humanistic principles in midwifery practice.
2. Communicate effectively with individuals, families and professional colleagues fostering mutual respect and shared decision making to enhance health outcomes.
3. Recognize the trends and issues in midwifery and obstetrical nursing.



4. Review and describe the anatomy and physiology of human reproductive system and conception.
6. Describe and apply physiology in the management of normal pregnancy, birth and puerperium.
7. Demonstrate competency in providing respectful and evidence based maternity care for women during the antenatal, intra natal and postnatal period.
8. Uphold the fundamental human rights of individuals when providing midwifery care.
9. Promote physiologic labor and birth, and conduct normal childbirth.
10. Provide evidence based essential newborn care.
11. Apply nursing process approach in caring for women and their families.
12. Describe the methods of contraception and role of nurse/midwife in family welfare services.
13. Recognize the importance of and actively participate in family welfare programs.
14. Provide youth friendly health services and care for women affected by gender-based violence.

## **SEMESTER VII**

### **COMMUNITY HEALTH NURSING – II**

On completion of the course, the students will be able to

1. Demonstrate beginning practice competencies/skills relevant to provide comprehensive primary health care/community-based care to clients with common diseases and disorder including emergency and first aid care at home/clinics/ centres as per predetermined protocols/drug standing orders approved by MOH&FW
2. Provide maternal, newborn and child care, and reproductive health including adolescent care in the urban and rural health care settings
3. Describe the methods of collection and interpretation of demographic data
4. Explain population control and its impact on the society and describe the approaches towards limiting family size
5. Describe occupational health hazards, occupational diseases and the role of nurses in occupational health programs
6. Identify health problems of older adults and provide primary care, counselling and supportive health services
7. Participate in screening for mental health problems in the community and providing appropriate referral services
8. Discuss the methods of data collection for HMIS, analysis and interpretation of data

9. Discuss about effective management of health information in community diagnosis and intervention in Health Wellness Centers (HWCs)
11. Identify the roles and responsibilities of health team members and explain their job description
12. Demonstrate initiative in preparing themselves and the community for disaster preparedness and management
13. Demonstrate skills in proper bio-medical waste management as per protocols
14. Explain the roles and functions of various national and international health agencies.

### **NURSING RESEARCH AND STATISTICS**

On completion of the course, students will be competent to

1. Identify research priority areas
2. Formulate research questions/problem statement/hypotheses
3. Review related literature on selected research problem and prepare annotated bibliography
4. Prepare sample data collection tool
5. Analyse and interpret the given data
6. Practice computing, descriptive statistics and correlation
7. Draw figures and types of graphs on given set of data
8. Develop a research proposal
9. Plan and conduct a group/individual research project

### **MIDWIFERY/ OBSTETRICS AND GYNECOLOGY NURSING – II**

On completion of the course, the students will be able to:

1. Describe the assessment, initial management, referral and respectful maternity care of women with high-risk pregnancy.
2. Demonstrate competency in identifying deviation from normal pregnancy.
3. Describe the assessment, initial management, referral and nursing care of women with high-risk labour.
4. Assist in the conduction of abnormal vaginal deliveries and caesarean section.
5. Describe the assessment, initial management, referral and nursing care of women with abnormal postnatal conditions.
6. Demonstrate competency in the initial management of complications during the postnatal period.
7. Demonstrate competency in providing care for high-risk newborn

8. Apply nursing process in caring for high-risk women and their families.
9. Describe the assessment and management of women with gynaecological disorders
10. Demonstrate skills in performing and assisting in specific gynaecological procedures.
11. Describe the drugs used in obstetrics and gynaecology.
12. Counsel and care for couples with infertility.
13. Describe artificial reproductive technology.

**SEMESTER VIII: INTERNSHIP INTENSIVE PRACTICUM/ RESIDENCY  
PROGRAMME**



