

## **B.Sc. NURSING**

### **PROGRAMME OUTCOMES**

- Produce knowledgeable competent nurses and midwives with clear critical thinking skills who are caring, motivated, assertive and well-disciplined responding to the changing needs of profession, healthcare delivery system and society.
- Prepare them to assume responsibilities as professional, competent nurses and midwives in providing promotive, preventive, curative and rehabilitative healthcare services in any healthcare setting.
- Prepare nurses and midwives who can make independent decisions in nursing situations within the scope of practice, protect the rights of individuals and groups and conduct research in the areas of nursing practice and apply evidence-based practice.
- Prepare them to assume role of practitioner, teacher, supervisor and manager in all healthcare settings.

### **PROGRAMME SPECIFIC OUTCOMES**

**On completion of the B.Sc. Nursing program, the B.Sc. nursing graduates will be able to:**

- Utilize critical thinking to synthesize knowledge derived from physical, biological, behavioural sciences, and humanities, in the practice of professional nursing and midwifery.
- Practice professional nursing and midwifery competently and safely in diverse settings, utilizing caring, critical thinking and therapeutic nursing interventions with individuals, families, populations and communities at any developmental stage and with varied lived health experiences.
- Provide promotive, preventive and restorative health services in line with national health policies and programs.
- Integrate professional caring into practice decisions that encompass values, ethical, and moral and legal aspects of nursing.
- Respect the dignity, worth, and uniqueness of self and others.
- Apply concepts of leadership, autonomy and management to the practice of nursing and midwifery to enhance quality and safety in health care.
- Utilize the latest knowledge and skills related to information and technology to enhance patient outcomes.
- Communicate effectively with patients, peers, and all health care providers.
- Utilize the requisite knowledge, skills and technologies to practice independently and collaboratively with all health professionals applying the principles of safety and quality improvement.
- Integrate research findings and nursing theory in decision making in evidence-based practice.
- Accept responsibility and accountability for the effectiveness of one's own nursing and midwifery practice and professional growth as a learner, clinician and leader.
- Participate in the advancement of the profession to improve health care for the betterment of the global society.

## **COURSE – SEMESTER I B.Sc. NURSING**

### **COMMUNICATIVE ENGLISH**

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

- Identify the significance of Communicative English for healthcare professionals.
- Apply the concepts and principles of English Language use in professional development such as pronunciation, vocabulary, grammar, paraphrasing, voice modulation, Spelling, pause and silence.
- Demonstrate attentive listening in different hypothetical situations.
- Converse effectively, appropriately and timely within the given context and the individual or team they are communicating with either face to face or by other means.
- Read, interpret and comprehend content in text, flow sheet, framework, figures, tables, reports, anecdotes etc.
- Analyse the situation and apply critical thinking strategies.
- Enhance expressions through writing skills.
- Apply LSRW (Listening, Speaking, Reading and Writing) Skill in combination to learn, teach, educate and share information, ideas and results.

### **APPLIED ANATOMY**

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

- Describe anatomical terms.
- Explain the general and microscopic structure of each system of the body.
- Identify relative positions of the major body organs as well as their general anatomic locations.
- Explore the effect of alterations in structure.
- Apply knowledge of anatomic structures to analyse clinical situations and therapeutic applications.

### **APPLIED PHYSIOLOGY**

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

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

### **APPLIED SOCIOLOGY**

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

- Identify the scope and significance of sociology in surviving.
- Apply the knowledge of social structure and different culture in a society in identifying social needs of sick clients.

- Identify the impact of culture on health and illness.
- Develop understanding about types of family, marriage and as legislation.
- Identify different types of caste, class, social change and its influence on health and health practices.
- Develop understanding about social organization and disorganization and social problems in India.
- Integrate the knowledge of clinical sociology and its uses in crisis intervention.

## **APPLIED PSYCHOLOGY**

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

- Identify the importance of psychology in individual and professional life.
- Develop understanding of the biological and psychological basis of human behaviour.
- Identify the role of nurse in promoting mental health and dealing with altered personality.
- Perform the role of nurses applicable to the psychology of different age groups,
- Identify the cognitive and affective needs of clients
- Integrate the principles of motivation and emotion in performing the role of nurse in caring for emotionally sick client.
- Demonstrate basic understanding of psychological assessment and nurse's role.
- Apply the knowledge of soft skills in workplace and society
- Apply the knowledge of self-empowerment in workplace, society and personal life.

## **NURSING FOUNDATION, I (Including First Aid Module)**

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

- Develop understanding about the concept of health, illness and scope of nursing within health care services
- Apply values, code of ethics and professional conduct in professional life.
- Apply the principles and methods of effective communication in establishing communication links with patients, families and other health team members.
- Develop skill in recording and reporting.
- Demonstrate competency in monitoring and documenting vital signs
- Describe the fundamental principles and techniques of infection control and biomedical waste management
- Identify and meet the comfort needs of the patients.
- Perform admission, transfer, and discharge of a patient under supervision applying the knowledge.
- Demonstrate understanding and application of knowledge in caring for patients with restricted mobility.
- Perform first aid measures during emergencies.
- Identify the educational needs of patients and demonstrate basic skills of patient education.

## **COURSE – SEMESTER II B.Sc. NURSING**

### **APPLIED BIOCHEMISTRY**

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

- Describe the metabolism of carbohydrates and its alterations.
- Explain the metabolism of lipids and its alterations.
- Explain the metabolism of proteins and amino acids and its alterations.
- Explain clinical enzymology in various disease conditions.
- Explain acid base balance, imbalance and its clinical significance.
- Describe the metabolism of haemoglobin and its clinical significance.
- Explain different function tests and interpret the findings.
- Illustrate the immunochemistry.

### **APPLIED NUTRITION AND DIETETICS**

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

- Identify the importance of nutrition in health and wellness.
- Apply nutrient and dietary modifications in caring patients.
- Explain the principles and practices of Nutrition and Dietetics,
- Identify nutritional needs of different age groups and plan a balanced diet for them.
- Identify the dietary principles for different diseases.
- Plan therapeutic diet for patients suffering from various disease conditions.
- Prepare meals using different methods and cookery rules.

### **NURSING FOUNDATION – II (Including Health Assessment Module)**

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

- Develop understanding about fundamentals of health assessment and perform health assessment in supervised clinical settings
- Demonstrate fundamental skills of assessment, planning, implementation and evaluation of nursing care using Nursing process approach in supervised clinical settings.
- Assess the Nutritional needs of patients and provide relevant care under supervision.
- Identify and meet the hygienic needs of patients.
- Identify and meet the elimination needs of patient.
- Interpret findings of specimen testing applying the knowledge of normal values.
- Promote oxygenation based on identified oxygenation needs of patients under supervision.
- Review the concept of fluid, electrolyte balance integrating the knowledge of applied physiology.
- Apply the knowledge of the principles, routes, effects of administration of medications in administering medication.

- Calculate conversions of drugs and dosages within and between systems of measurements.
- Demonstrate knowledge and understanding in caring for patients with altered functioning of sense organs and unconsciousness.
- Explain loss, death and grief.
- Describe sexual development and sexuality.
- Identify stressors and stress adaptation modes.
- Integrate the knowledge of culture and cultural differences in meeting the spiritual needs.
- 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:**

- Develop a basic understanding of computer application in patient care and nursing practice.
- Apply the knowledge of computer and information technology in patient care and nursing education, practice, administration and research.
- Describe the principles of health informatics and its use in developing efficient healthcare.
- Demonstrate the use of information system in healthcare for patient care and utilization of nursing data.
- Demonstrate the knowledge of using Electronic Health Records (EHR) system in clinical practice.
- Apply the knowledge of interoperability standards in clinical setting.
- Apply the knowledge of information and communication technology in public health promotion.
- Utilize the functionalities of Nursing Information System (NIS) system in nursing.
- Demonstrate the skills of using data in management of health care.
- Apply the knowledge of the principles of digital ethical and legal issues in clinical practice.
- Utilize evidence-based practices in informatics and technology for providing quality patient care.
- Update and utilize evidence-based practices in nursing education, administration, and practice.

## **COURSE – SEMESTER III B.Sc. NURSING**

### **APPLIED MICROBIOLOGY AND INFECTION CONTROL INCLUDING SAFETY**

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

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

### **PHARMACOLOGY –I**

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

- Describe pharmacodynamics and pharmacokinetics.
- Review the principles of drug calculation and administration.
- Explain the commonly used antiseptics and disinfectants.
- Describe the pharmacology of drugs acting on the GI system.
- Describe the pharmacology of drugs acting on the respiratory system.
- Describe drugs used in the treatment of cardiovascular and blood disorders.
- Explain the drugs used in the treatment of endocrine system disorders.
- Describe the drugs acting on skin and drugs used to treat communicable diseases.

### **ADULT HEALTH NURSING - I WITH INTEGRATED PATHOPHYSIOLOGY (including BCLS module)**

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

- Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of common medical and surgical disorders.
- 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.
- Identify nursing diagnoses, list them according to priority and formulate nursing care plan. 4. Perform nursing procedures skill fully and apply scientific principles while giving comprehensive nursing care to patients.
- Integrate knowledge of pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.
- Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.
- Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.

- Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.
- Identify the drugs used in treating patients with medical surgical conditions.
- Plan and give relevant individual and group education on significant medical surgical topics.
- Maintain safe environment for patients and the health care personnel in the hospital.
- Integrate evidence-based information while giving nursing care to patients.

## **COURSE – SEMESTER IV B.Sc. NURSING**

### **PHARMACOLOGY -II including Fundamentals of Prescribing Module**

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

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

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

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

- Describe profession and professionalism.
- Identify the challenges of professionalism.
- Maintain respectful communication and relationship with other health team members, patients and society.
- Demonstrate professional conduct.
- Describe various regulatory bodies and professional organizations related to nursing.
- Discuss the importance of professional values in patient care.
- Explain the professional values and demonstrate appropriate professional values in nursing practice.
- Demonstrate and reflect on the role and responsibilities in providing compassionate care in the healthcare setting.
- Demonstrate respect, human dignity and privacy and confidentiality to self, patients and their caregivers and other health team members.
- Advocate for patients wellbeing, professional growth and advancing the profession.
- Identify ethical and bioethical concerns, issues and dilemmas in nursing and healthcare.
- Apply knowledge of ethics and bioethics in ethical decision making along with health team members.
- Protect and respect patient rights.



## **ADULT HEALTH NURSING - II**

### **with Integrated Pathophysiology Including Geriatric Nursing and Palliative Care Module**

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**

- Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of selected common medical and surgical disorders.
- 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.
- Identify diagnoses, list them according to priority and formulate nursing care plan.
- Perform nursing procedures skill fully and apply scientific principles while giving comprehensive nursing care to patients.
- Integrate knowledge of anatomy, physiology, pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.
- Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.
- Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.
- Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.
- Identify the drugs used in treating patients with selected medical surgical conditions.
- Plan and provide relevant individual and group education on significant medical surgical topics.
- Maintain safe environment for patients and the health care personnel in the hospital.

## **COURSE – SEMESTER V B.Sc. NURSING**

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

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

- Identify forensic nursing as an emerging specialty in healthcare and nursing practice
- Explore the history and scope of forensic nursing practice
- Identify forensic team, role and responsibilities of forensic nurse in total care of victim of violence and in preservation of evidence
- Develop basic understanding of the Indian judicial system and legal procedures

### **CHILD HEALTH NURSING – I**

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

- Develop understanding of the history and modern concepts of child health and child-care.
- Explore the national child welfare services, national programs and legislation in the light of National Health Policy 2017.
- Describe the role of preventive paediatrics and perform preventive measures towards accidents.
- Participate in national immunization programs/Universal Immunization Program (UIP).
- Identify the developmental needs of children and provide parental guidance.
- Describe the principles of child health nursing and perform child health nursing procedures.
- Demonstrate competencies in new born assessment, planning and implementation of care to normal and high-risk new born including neonatal resuscitation.
- Apply the principles and strategies of Integrated management of neonatal and childhood illness (IMNCI).
- Apply the knowledge of pathophysiology and provide nursing care to children with respiratory system disorders.
- Identify and meet childhood emergencies and perform child CPR

### **COMMUNITY HEALTH NURSING - I including Environmental Science & Epidemiology**

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

- Explore the evolution of public health in India and community health nursing
- Explain the concepts and determinants of health
- Identify the levels of prevention and health problems of India
- Develop basic understanding about the health care planning and the present health care delivery system in India at various levels
- Locate the significance of primary health care and comprehensive primary health care as part of current health care delivery system focus
- Discuss health care policies and regulations in India

- Demonstrate understanding about an overview of environmental science, environmental health and sanitation
- Demonstrate skill in nutritional assessment for different age groups in the community and provide appropriate nutritional counselling
- Provide health education to individuals and families applying the principles and techniques of behaviour change appropriate to community settings
- Describe community health nursing approaches and concepts
- Describe the role and responsibilities of community health nursing personnel
- Utilize the knowledge and skills in providing comprehensive primary health care across the life span at various settings
- Make effective home visits applying principles and methods used for home visiting
- Use epidemiological approach in community diagnosis
- Utilize the knowledge of epidemiology, epidemiological approaches in caring for people with communicable and non-communicable diseases
- Investigate an epidemic of communicable diseases
- Assess, diagnose, manage and refer clients for various communicable and non-communicable diseases appropriately at the primary health care level
- 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.

## **EDUCATIONAL TECHNOLOGY/NURSING EDUCATION**

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

- Develop basic understanding of theoretical foundations and principles of teaching and learning
- Identify the latest approaches to education and learning
- Initiate self- assessment to identify one's own learning styles
- Demonstrate understanding of various teaching styles that can be used, based on the learner's readiness and generational needs
- Develop understanding of basics of curriculum planning, and organizing
- Analyse and use different teaching methods effectively that are relevant to student population and settings
- 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
- Engage in team learning and collaboration through inter professional education
- Integrate the principles of teaching and learning in selection and use of educational media/technology
- Apply the principles of assessment in selection and use of assessment and evaluation strategies

- Construct simple assessment tools/tests integrating cognitive, psychomotor and affective domains of learning that can measure knowledge and competence of students
- Develop basic understanding of student guidance through mentoring and academic advising
- Identify difficult situations, crisis and disciplinary/grievance issues experienced by students and provide appropriate counselling
- Engage in ethical practice in educational as well as clinical settings based on values, principles and ethical standards
- Develop basic understanding of evidence-based teaching practices

## **MENTALHEALTH NURSING – I**

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

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

## **COURSE – SEMESTER VI B.Sc. NURSING**

### **CHILD HEALTH NURSING – II**

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

- Apply the knowledge of pathophysiology and provide nursing care to children with Cardiovascular, GI, genitourinary, nervous system disorders, orthopaedic disorders, eye, ear and skin disorders and communicable diseases
- Provide care to children with common behavioural, social and psychiatric problems
- Manage challenged children
- Identify the social and welfare services for challenged children

### **MENTALHEALTH NURSING – II**

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

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

### **MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING - I including SBA module**

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

- 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.
- Communicate effectively with individuals, families and professional colleagues fostering mutual respect and shared decision making to enhance health outcomes.
- Recognize the trends and issues in midwifery and obstetrical nursing.
- Review and describe the anatomy and physiology of human reproductive system and conception. 5. Describe and apply physiology in the management of normal pregnancy, birth and puerperium.
- Demonstrate competency in providing respectful and evidence based maternity care for women during the antenatal, intranatal and postnatal period.
- Uphold the fundamental human rights of individuals when providing midwifery care.
- Promote physiologic labour and birth, and conduct normal childbirth.
- Provide evidence based essential new born care.
- Apply nursing process approach in caring for women and their families.

- Describe the methods of contraception and role of nurse/midwife in family welfare services.
- Recognize the importance of and actively participate in family welfare programs.
- Provide youth friendly health services and care for women affected by gender based violence

## **NURSING MANAGEMENT AND LEADERSHIP**

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

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

## **COURSE – SEMESTER VII B.Sc. NURSING**

### **COMMUNITY HEALTH NURSING – II**

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

- Demonstrate beginning practice competencies/skills relevant to provide comprehensive primary health care/community based
- care to clients with common diseases and disorders including emergency and first aid care at home/clinics/centres
- as per predetermined protocols/drug standing orders approved by MOH&FW
- Provide maternal, new born and child care, and reproductive health including adolescent care in the urban and rural
- health care settings
- Describe the methods of collection and interpretation of demographic data
- Explain population control and its impact on the society and describe the approaches towards limiting family size
- Describe occupational health hazards, occupational diseases and the role of nurses in occupational health programs
- Identify health problems of older adults and provide primary care, counselling and supportive health services
- Participate in screening for mental health problems in the community and providing appropriate referral services
- Discuss the methods of data collection for HMIS, analysis and interpretation of data
- Discuss about effective management of health information in community diagnosis and intervention
- Describe the management system of delivery of community health services in rural and urban areas
- Describe the leadership role in guiding, supervising, and monitoring the health services and the personnel at the PHCs,
- SCs and community level including financial management and maintenance of records & reports
- Describe the roles and responsibilities of Mid-Level Health Care Providers (MHCPs) in Health Wellness Centres
- (HWCs)
- Identify the roles and responsibilities of health team members and explain their job description
- Demonstrate initiative in preparing themselves and the community for disaster preparedness and management
- Demonstrate skills in proper bio-medical waste management as per protocols

## **MIDWIFERY/OBSTETRIC AND GYNECOLOGY NURSING - II**

### **including Safe Delivery App Module**

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

- Describe the assessment, initial management, referral and respectful maternity care of women with high risk pregnancy.
- Demonstrate competency in identifying deviation from normal pregnancy.
- Describe the assessment, initial management, referral and nursing care of women with high risk labour.
- Assist in the conduction of abnormal vaginal deliveries and caesarean section.
- Describe the assessment, initial management, referral and nursing care of women with abnormal postnatal conditions.
- Demonstrate competency in the initial management of complications during the postnatal period.
- Demonstrate competency in providing care for high risk new born.
- Apply nursing process in caring for high risk women and their families.
- Describe the assessment and management of women with gynaecological disorders.
- Demonstrate skills in performing and assisting in specific gynaecological procedures.
- Describe the drugs used in obstetrics and gynaecology.
- Counsel and care for couples with infertility.
- Describe artificial reproductive technology.

## **NURSING RESEARCH AND STATISTICS**

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

- Identify research priority areas
- Formulate research questions/problem statement/hypotheses
- Review related literature on selected research problem and prepare annotated bibliography
- Prepare sample data collection tool
- Analyse and interpret the given data
- Practice computing, descriptive statistics and correlation
- Draw figures and types of graphs on given select data
- Develop a research proposal
- Plan and conduct a group/individual research project