

BASIC B.Sc. NURSING

PROGRAMME OUTCOMES

- ❖ To Prepare graduates to assume responsibilities as professional, competent nurses and midwives at basic level in providing promotive, preventive, curative and rehabilitative services.
- ❖ To Prepare nurses who can make independent decisions in nursing situations, protect the rights of facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor and manager in a clinical / public health setting.

PROGRAMME SPECIFIC OUTCOMES

On completion of B.Sc. Nursing degree programme the graduates will be able to:

- Apply knowledge from physical, biological and behavioral sciences, medicine, including alternative systems and nursing in providing nursing care to individuals, families and communities.
- Demonstrate understanding of life style and other factors, which affect health of individuals and groups.
- Provide nursing care based on steps of nursing process in collaboration with the individuals and groups
- Demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.
- Utilise the latest trends and technology in providing health care.
- Provide promotive, preventive and restorative health services in line with the national health policies and programs.
- Practice within the framework of code of ethics and professional conduct and acceptable standards of practice within the legal boundaries.
- Communicate effectively with individuals and groups and members of the health team in order to promote effective interpersonal relationships and teamwork.
- Demonstrate skills in teaching to individuals and groups in clinical/ community health settings.
- Participate effectively as members of the health team in health care delivery system.
- Demonstrate leadership and managerial skills in clinical / community health settings.
- Conduct need based research studies in various settings and utilize the research findings to improve the quality of care.
- Demonstrate awareness, interest and contribute towards advancement of self and of the profession.

COURSE OUTCOMES

COURSE: FIRST YEAR BASIC B.Sc. NURSING

APPLIED ANATOMY

On 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 analyze clinical situations and therapeutic applications.

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 hemoglobin 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.

APPLIED PHYSIOLOGY

On 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 analyze clinical situations and therapeutic applications.

APPLIED PSYCHOLOGY

On 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.

APPLIED SOCIOLOGY

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

- Identify the scope and significance of sociology in nursing.
- 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 its 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.

COMMUNICATIVE ENGLISH

On 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.

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.

NURSING FOUNDATION - I (including First Aid module)

On 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.

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

COURSE: SECOND YEAR BASIC B.SC. NURSING

SOCIOLOGY

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

- Describe the structure and the dynamics of the society
- Discuss the relationship of the individual to the society.
- Understand the social problems and its influence on social changes and the factors contributing to it.
- Describe sociological concepts applicable to nursing.
- Determine role of sociology in nursing as related to social institution in India
- Develop positive attitudes towards individual, family and community.

MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS) – I

At completion of the course the student is able to:

- Describe the causes, signs and symptoms, treatment and prevention of medical surgical conditions.
- Demonstrate skill in carrying out nursing techniques and procedures in keeping with scientific principles.
- Discuss nursing process and provide nursing care to patients with various medical surgical conditions.

PHARMACOLOGY

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

- Understand the basic concepts of pharmacology
- Understand the pharmacology of common chemotherapeutics.
- Understand common antiseptics, disinfectants and insecticides.
- Understand drug acting on various systems of human body.
- Appreciate alternative systems of medicines.

PATHOLOGY AND GENETICS

At the end of the course students are able to:

- Understand the basic concepts of pathology.
- Understand the pathophysiological changes in different system disorders.
- Assist for various pathological tests conducted in the clinical field.
- Collect and send the pathological tests and infer their results with patient conditions.

COMMUNITY HEALTH NURSING- I

At the end of the course students are able to:

- Understand the concepts of community health and community health nursing
- Appreciate the various factors influencing health in the community
- Appreciate the concept, scope, uses and methods of epidemiology
- Understand the epidemiology and nursing management of common communicable diseases.
- Appreciate the concept and scope of demography
- Understand the impact of population explosion and population control

COMMUNICATION & EDUCATION TECHNOLOGY

On completion of this course, the graduate nurse will be able to:

- Understand the effective communication process using various communication techniques with individuals groups and health team members.
- Establishes effective interpersonal and human relations with patients, families and health team members.
- Acquires knowledge on concepts, principles on guidance and counseling and develop basic skills for counseling patients, nursing students and nursing personnel.
- Understand the philosophy, principles of education and teaching learning process.
- Demonstrate teaching skills using various teaching methods in classroom, clinical and community setup using different methods and media.
- Demonstrate skill in preparing different types of assessment tools for knowledge attitude and skill.

COURSE: THIRDYEAR BASIC B.SC NURSING

CHILD HEALTH NURSING

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

- Explain the modern concept of child care and the principles of child health nursing.
- Describe the normal growth and development of children in various age groups.
- Explain the physiological response of body to disease conditions in children.
- Identify the health needs and problems of neonates and children, plan and implement appropriate nursing interventions.
- Identify the various preventive, promotive and rehabilitative aspects of child care and apply them in providing nursing care to children in the hospital and in the community.

MEDICAL SURGICAL NURSING

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

- Provide care for patients with disorders of ear nose and throat.
- Take care of patients with disorders of eye.
- Plan, implement and evaluate nursing management of patients with neurological disorders.
- Develop abilities to take care of female patients with reproductive disorders.
- Provide care of patients with burns, reconstructive and cosmetic surgery.
- Manage patients with oncological conditions
- Develop skill in providing care during emergency and disaster situations
- Plan, implement and evaluate care of elderly
- Develop ability to manage patients in critical care units.

MENTAL HEALTH NURSING

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

- Understand the historical development and current trends in mental health nursing.
- Comprehend and apply principles of psychiatric nursing in clinical practice.
- Understand the etiology, psychodynamics and management of psychiatric disorders.
- Develop competency in assessment, therapeutic communication and assisting with various treatment modalities.
- Understand and accept psychiatric patient as an individual and develop a deeper insight into her own attitudes and emotional reactions.
- Develop skill in providing comprehensive care to various kinds of psychiatric patients.
- Develop understanding regarding psychiatric emergencies and crisis interventions.
- Understand the importance of community health nursing in psychiatry.

NURSING RESEARCH AND STATISTICS

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

- Define the terms and concepts of nursing research.
- Identify needs and scope of nursing research.
- Define research problems.
- Locate and list sources of literature review including operational definitions and conceptual framework.
- Describe different approaches and research designs in nursing research.
- Describe sample and sampling technique.
- Develop tool for data collection.
- Conduct pilot study to confirm reliability and validity of tool before data collection
- To enumerate steps of data analysis and present data summary
- Use descriptive and co- relational statistics in data analysis.
- Conduct group project and write report.

COURSE: FINAL YEAR BASIC B.Sc. NURSING

COMMUNITY HEALTH NURSING – II

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

- Understand the concepts, scope, principles and historical development of community health and community health nursing.
- Appreciate the national health planning, policies, problems.
- Describe the system of delivery of community health services in rural and urban area.
- Develop understanding about community health nursing approaches, concepts and roles and responsibilities of nursing personnel.
- Participate in assisting individuals and groups to promote and maintain their health.
- Appreciate the national health and family welfare programme and the role of the nurse.
- Understand the health agencies at the international and national level.

MANAGEMENT OF NURSING SERVICE & EDUCATION

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

- Understand the principles and functions of management
- Understand the elements and process of management
- Appreciate the management of nursing services in the hospital and community.
- Apply the concepts, theories and techniques of organizational behaviour and human relations.
- Develop skills in planning and organizing in service education
- Understand the management of nursing educational institutions.
- Describe the ethical and legal responsibilities of a professional nurse
- Understand the various opportunities for professional advancement.

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- Describe different approaches and research designs in nursing research.
- Describe sample and sampling technique.
- Develop tool for data collection.
- Conduct pilot study to confirm reliability and validity of tool before data collection
- To enumerate steps of data analysis and present data summary
- Use descriptive and co- relational statistics in data analysis.
- Conduct group project and write report.

MIDWIFERY & OBSTETRICAL NURSING

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

- Assessment of pregnant women
- Assess woman in labour
 - Carry out pervaginal examinations
 - Conduct normal deliveries
 - Perform episiotomy and suture it
 - Resuscitate newborns
- Assist with caesarean Sections, MTP & other surgical procedures
- Provide nursing care to postnatal mother & baby
 - Counsel & teach mother & family for parenthood
- Provide nursing care to Newborn at risk
- Counsel for & provide family welfare services
