

COURSE OUTCOME FOR ALL COURSES

**BASIC B.Sc NURSING
PROGRAM**

Course outcome for Basic B.Sc Nursing 1st year

At the end of the Basic B.Sc Nursing 1st year can student will be able to gain adequate depth in knowledge and able to understand the concept about:-

- ✓ General structure and functions of the body as a whole.
- ✓ General and microscopic structure and functions of each system of the body.
- ✓ Explain the macroscopic and microscopic structure and functions of each organs of the body.
- ✓ The effects of alterations in structures and functions of as whole.
- ✓ Apply the knowledge of anatomy and physiology in the practice of nursing.
- ✓ Explain principles of microbiology and their importance in nursing.
- ✓ Understand the commensal, opportunistic and pathogenic organisms of human body and describe host parasite relationship.
- ✓ State the sources and modes of transmission of pathogenic and opportunistic organisms including vectors and their role in transmission of diseases.
- ✓ Be conversant with proper methods of collection, storage and transport of clinical material for microbiological investigations.
- ✓ Understand the principles of immunology and its application in the diagnosis and prevention of infectious diseases.
- ✓ Knowledge on concept of health, health-illness continuum and health care delivery system.
- ✓ scope of nursing practice.
- ✓ theories and models of nursing practice.
- ✓ Desirable attitude to ethics and professional conduct.
- ✓ Skill in communicating effectively with patients and families and team members to maintain effective human relations.
- ✓ Skill in health assessment and monitoring of patients.
- ✓ Skill in carrying out basic nursing care procedures.
- ✓ Skill in caring for patients with alterations in body functions.
- ✓ Skill in applying steps of nursing process in the care of clients in the hospital and community.
- ✓ Skill in applying scientific principles while performing nursing care.
- ✓ Skill in documentation.
- ✓ Skill in meeting basic psychosocial needs of the clients.



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- ✓ Principles and techniques of infection control.
- ✓ Confidence and competence in caring of terminally ill patients.
- ✓ Importance of psychology in personal and professional life.
- ✓ The biology of human behaviour.
- ✓ Cognitive and affective processes of human mind.
- ✓ Develops an understanding of self and others.
- ✓ Understand the influence of personality of human behaviour.
- ✓ Appreciates developmental psychology.
- ✓ Understands the significance of mental hygiene and mental health.
- ✓ Assist with psychological assessments and tests.
- ✓ To Understand the concept of nutrition & health.
- ✓ Understand different types of nutrients, their importance, sources, functions and problems due to deficiency.
- ✓ To plan balanced diet for individuals and groups.
- ✓ Plan menu efficiently.
- ✓ Explain methods of effective cooking and food preservation.
- ✓ Apply the principles of food preparation in the practical field effectively
- ✓ Identify & define various concepts used in computer.
- ✓ Identify & describe application of computer in nursing.
- ✓ Describe & use the DOS & Windows.
- ✓ Describe & demonstrate skill in the use of MS-office.
- ✓ Describe & demonstrate skill in using multimedia & computer aided teaching & testing.
- ✓ Identify & demonstrate use of internet & e-mail.
- ✓ Describe & use the statistical packages.
- ✓ Describe the use of Hospital Management System.
- ✓ Develop good vocabulary skills or better communication.
- ✓ Effectively communicates with patients while rendering care.
- ✓ Understands methods of writing and drafting letters in English.
- ✓ To plan and write effective nursing process and records.



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Course outcome for Basic B.Sc Nursing 2nd year

At the end of the Basic B.Sc Nursing 2nd year can student will be able to gain adequate depth in knowledge and able to understand the concept about:

- ✓ 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 counselling and develop basic skills for counselling 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.
- ✓ 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.
- ✓ 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.
- ✓ 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.

- ✓ 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.




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Course outcome for Basic B.Sc Nursing 3rd year

At the end of the Basic B.Sc Nursing 3rd year can student will be able to gain adequate depth in knowledge and able to understand the concept about:

- ✓ normal pregnancy, labor and puerperium and demonstrate the application of knowledge and skill in giving need –based care.
- ✓ management of all stages of labour.
- ✓ Identify the high risk factor during pregnancy, labor and puerperium as well as neonates and take appropriate interventions.
- ✓ Motivate the mother for care of the baby and adapting family planning methods to maintain small family norms.
- ✓ Prepare the mothers for self-care during the pregnancy, labor and puerperium.
- ✓ 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.
- ✓ 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.
- ✓ 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




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Course outcome for Basic B.Sc Nursing 4th year

At the end of the Basic B.Sc Nursing 4th year 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.
- ✓ 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.
- ✓ 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.

- ✓ Describe the normal pregnancy, labor and puerperium and demonstrate the application of knowledge and skill in giving need –based care.
- ✓ Demonstrate safe management of all stages of labour.
- ✓ Identify the high risk factor during pregnancy, labor and puerperium as well as neonates and take appropriate interventions.
- ✓ Motivate the mother for care of the baby and adapting family planning methods to maintain small family norms.
- ✓ Prepare the mothers for self- care during the pregnancy, labor and puerperium.




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POST BASIC B.Sc NURSING PROGRAM

Course outcome for Post Basic B.Sc Nursing 1st year

At the end of the Post Basic B.Sc Nursing 1st year student will be able to:

- ✓ Identify professional aspects of nursing
- ✓ Explain theories of nursing
- ✓ Identify ethical aspects of nursing profession
- ✓ Utilise steps of nursing process Identify the role of the nurse in various levels of health services
- ✓ Appreciate the significance or quality assurance in nursing.
- ✓ Explain current trends in health and nursing
- ✓ Explain the principles and practices of nutrition and dietetics.
- ✓ Plan therapeutic diets in different settings.
- ✓ Prepare meals using different methods utilizing cookery rules.
- ✓ Identify the basic principles of Biochemistry
- ✓ Understand and grasp the basic outline of chemistry and properties of important biomolecules like glucose, urea.
- ✓ Summarize the working of enzymes and their importance as diagnostic tools for the clinician.
- ✓ Describe the mechanisms involved in maintenance of body fluids along with electrolytes.
- ✓ understand the concepts of laboratory medicine.
- ✓ Using psychological principles to improve her efficiency in nursing care.
- ✓ Applying psychological principles while performing nursing duties.
- ✓ Distinguishing psychological processes during health and sickness.
- ✓ Planning nursing care with regards to psychological needs and concerns.
- ✓ Participating in psychological assessment of patients.
- ✓ Basic principles of Microbiology & its significance in health & disease.
- ✓ Handling of infective specimens.
- ✓ Various methods of sterilization & disinfection.
- ✓ Role of nurse in hospital infection control system.
- ✓ Describe the physiology of pregnancy, labour, and puerperium.
- ✓ Manage normal pregnancy, labour and puerperium.
- ✓ Explain the physiology of lactation, and advice on management of breast feeding.

- ✓ Provide pre- and post operative nursing care in obstetric conditions.
- ✓ Identify and manage high risk pregnancy including appropriate referrals.
- ✓ Propagate the concept and motivate acceptance of family planning methods.
- ✓ 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.
- ✓ Explain relevant Anatomy & Physiology of various systems of the body.
- ✓ Explain etiology, pathophysiology & manifestations of various disorders.
- ✓ Explain the actions, side-effects & nursing implications in administering drugs for various disorders.
- ✓ Discuss the recent advancement in the investigations, treatment & care of patients with Medical Surgical conditions.
- ✓ Develop skill in giving comprehensive nursing care to patients following the steps of nursing process.
- ✓ Provide planned & incidental health education related to disorders.
- ✓ appreciate the role of the nurse in the Medical Surgical health team.
- ✓ Ability to speak and write grammatically correct English.
- ✓ Effective skill in reading and understanding the English language.




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Course outcome for Post Basic B.Sc Nursing 2nd year

At the end of the Post Basic B.Sc Nursing 2nd year can student will be able to gain adequate depth in knowledge and able to understand the concept about:-

- ✓ Explain the concept of various factors contributes to health of individual, family and community.
- ✓ Explain and analysed health need of individual family and community based on factors contributing to health and illness.
- ✓ Describe national health care delivery system.
- ✓ Describes epidemiological methods and principles of prevention and control of illness in the community.
- ✓ Study implementation of national programmes and role of CHN in prevention and control of diseases.
- ✓ Plan the work of community health nurse and supervise the health workers.
- ✓ Study concept of public health administration and role of nurse as manager and supervisor.
- ✓ Describe the administrative aspects of school of nursing, College of Nursing
- ✓ Develop basic skills in counseling and guidance.
- ✓ Participate in planning and organizing an in-service education programme.
- ✓ Identify the Principles of administration.
- ✓ Describe the Principles and techniques of supervision.
- ✓ Explain the Principles and Methods of personnel management.
- ✓ Explain the principles of Budgeting.
- ✓ Organize and manage a Nursing Unit effectively.
- ✓ Identify dynamics of Organizational behavior, styles and functions of effective leadership.
- ✓ Define the terms and concepts of nursing research.
- ✓ Identify needs and scope of nursing research.
- ✓ Be able to define research problems.
- ✓ Locate and list sources of literature review including operational definition and conceptual framework.
- ✓ Describe different approaches and research designs in nursing research.
- ✓ Describe sample and sampling technique with special reference to survey method.

- ✓ Develop tool for data collection.
- ✓ Able to conduct pilot study to confirm reliability and validity of tool before data collection.
- ✓ To enumerate steps of data analysis and present data summary in tabular form.
- ✓ Use descriptive and co-relational statistics in data analysis.
- ✓ Conduct group project and write report.
- ✓ Use computer for research project.




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M.Sc NURSING PROGRAM

Course outcome for M.Sc Nursing 1st year

At the end of the M.Sc Nursing 1st year can student will be able to gain adequate depth in knowledge and able to understand the concept about:-

- ✓ Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
- ✓ Explain bio- psycho- social dynamics of health, life style and health care delivery system.
- ✓ Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
- ✓ Describe scope of nursing practice.
- ✓ Identify latest trends in nursing and the basis of advance nursing practice.
- ✓ Describe alternative modalities of nursing care.
- ✓ Identify the scope of nursing research.
- ✓ Instructional media and methods in teaching learning process.
- ✓ Critically analyze the existing nursing educational programs, their problems, issues and future trends.
- ✓ Demonstrate skill in guidance and counseling.
- ✓ Describe the problems and issues related to administration of nursing curriculum.
- ✓ Identify research priorities in nursing education.
- ✓ Explain the concept, principles, steps, tools and techniques of evaluation.
- ✓ Define basic research terms and concepts, Review literature.
- ✓ Describe research methodology
- ✓ write scientific paper for publication.
- ✓ Appreciate the trends in the field of midwifery, obstetrics and gynaecology as a specialty
- ✓ Describe the population dynamics and indicators of maternal and child health.
- ✓ Identify and analyze the deviations from normal birth process and refer appropriately.
- ✓ Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse
- ✓ Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation

- ✓ Describe the recent advancement in contraceptive technology and birth control measures.
- ✓ Appreciate the legal and ethical issues pertaining to obstetric and gynaecological nursing.
- ✓ Appreciate trends and issues in the field of Medical Surgical Nursing as a speciality.
- ✓ Apply concepts and theories related to health promotion.
- ✓ Perform physical, psychosocial assessment of Medical Surgical patients.
- ✓ Appreciate the legal and ethical issues relevant to Medical Surgical Nursing.
- ✓ Prepare a design for layout and management of Medical Surgical units.
- ✓ Incorporate evidence based Nursing practice and identify the areas of research in the field of Medical Surgical Nursing.
- ✓ Appreciate the history and development in the field of Community health and Community Health Nursing.
- ✓ Recognize and participate in the management of emergencies, epidemics and disasters.
- ✓ Appreciate legal and ethical issues pertaining to community health nursing care.
- ✓ Conduct community health nursing care projects.
- ✓ Participate effectively as a member of Community Health team.
- ✓ Demonstrate leadership and managerial abilities in community health nursing practice.
- ✓ Apply the concepts of growth and development in the pediatric clients and their families.
- ✓ physical, development, and nutritional assessment of pediatric clients.
- ✓ Recognize and manage emergencies in neonates.
- ✓ Prepare a design for layout and management of neonatal units.
- ✓ Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team.
- ✓ Appreciate the trends and issues in the field of psychiatric and psychiatric nursing.
- ✓ Demonstrate therapeutic communications skills in all interactions.




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Course outcome for M.Sc Nursing 2nd year

At the end of the M.Sc Nursing 1st year can student will be able to gain adequate depth in knowledge and able to understand the concept about:-

- ✓ Describe the philosophy and objective of the health care institutions at various levels.
- ✓ Identify trends and issues in nursing.
- ✓ Discuss the public administration, health care administration vis a vis nursing administration.
- ✓ Discuss the planning, supervision and management of nursing workforce for various health care settings.
- ✓ Identify and analyse legal and ethical issues in nursing administration.
- ✓ Demonstrate leadership in nursing at various levels.
- ✓ Elicit trends and issues related to Critical Care Nursing.
- ✓ Describe the epidemiology, etiology, patho physiology and diagnostic assessment of critically ill patients.
- ✓ Demonstrate skills in handling various equipments/ gadgets used for critical care.
- ✓ Assess and manage pain.
- ✓ Discuss the legal and ethical issues in critical care nursing.
- ✓ Assist patients and their family to cope with emotional and spiritual distress and grief.
- ✓ Design a layout of ICU and develop standards for critical care nursing practice.
- ✓ Appreciate trends and issues related to cardio vascular and thoracic Nursing.
- ✓ Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardio vascular and thoracic conditions.
- ✓ Plan and develop physical layout of neuro intensive care unit.
- ✓ Review the anatomy and physiology of nervous system.
- ✓ Describe the concepts and principles of neuroscience nursing.
- ✓ Appreciate the trends in the field of midwifery, obstetrics and gynaecology as a specialty.




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