



Rayat Shikshan Sanstha's
Savitribai Phule Mahila Mahavidyalaya, Satara
Programme Outcomes (POs)

B.Voc. in Nursing

After completing B.Voc. degree program with Nursing students will be able to:

PO1	Assess health status, identify nursing needs, plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities.
PO2	Demonstrate competencies in techniques of nursing based on concepts and principles from selected areas of nursing, physical, biological and behavioural sciences.
PO3	Participate as members of health team in the promotive, preventive, curative and restorative health care delivery system of the country.
PO4	Demonstrate skills in communication and interpersonal relationship.
PO5	Demonstrate leadership qualities and decision-making abilities in various situations.
PO6	Demonstrate skills in teaching to individuals, groups in community health settings.
PO7	Demonstrate managerial skills in community health settings.
PO8	Practice ethical values in their personal and professional life.
PO9	Participate in research activities and utilize research findings in improving nursing practice.
PO10	Recognize the need for continued learning for their personal and professional.





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Programme Specific Outcomes (PSOs) –

Graduate Students with Nursing will be able to:

PSO1	Have the qualities - critical thinking, caring nature, motivation, and well-disciplined response for the profession, healthcare delivery system and society.
PSO2	Apply knowledge of physical, biological and behavioural sciences and medicine.
PSO3	Apply knowledge in alternative systems and providing nursing care to individuals, families and communities.
PSO4	Form the health team in the promotive, preventive, curative and restorative health care delivery system.
PSO5	Lead in decision-making in various emergency situations.





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Course Outcomes (COs) –

After the studying of these courses students will be able to:

❖ B.Voc- Nursing Part-I	
▪ Business Communication- I & II -	
CO1	Communicate in English in Business Environment.
CO2	Develop formal writing.
CO3	Write a Letter of Application and CV/Resume.
CO4	Present Information/Data and face Interview successfully.
CO5	Participate in Group Discussion.
CO6	Correspond for business and Marketing and can negotiate in profession.
▪ Psychology- I & II	
CO1	Explain the importance of psychology in personal and professional life.
CO2	Describe the biology of human behaviour.
CO3	Illustrate the cognitive and affective processes of human mind.
CO4	Apply psychological principles while performing nursing duties.
CO5	Identify the influence of personality of human behaviour.
CO6	Appreciate the developmental psychology.
CO7	Assess the significance of mental hygiene and mental health.
CO8	Explain the psychological assessments and tests.
CO9	Describe the psychological assessment of patients.
CO10	Explain the psychological assessments and role of nurse.

▪ **Anatomy and Physiology-I & II -**

CO1	Describe the anatomical terms, organization of human body and structure of cell, tissues, membranes and glands.
CO2	Describe the structure & function of bones and joints , muscles ,nervous system sensory organs and circulatory .
CO3	Describe the structure and function of respiratory, digestive, excretory and endocrine system.
CO4	Describe the physiology of cell, tissues, membranes, glands blood and functions of Heart.
CO5	Describe the bone formation and growth and movements of skeletal system.
CO6	Demonstrate blood cell count, coagulation, grouping, Hb, BP and pulse monitoring.
CO7	Describe the physiology and mechanisms of respiration.
CO8	Describe the physiology of digestive, endocrine glands and excretory system
CO9	Describe the Physiology of male and female reproductive system.

▪ **Biochemistry Nutrition and Dietetics- I & II -**

CO1	Describe the basic concept of Biochemistry.
CO2	Apply the knowledge of Nutrition and Protein in Nursing Practice
CO3	Describe the structure, composition and functions of cell
CO4	Calculates the quantity of dietary ingredient as per calorie requirement.
CO5	Explain the health disorders due to improper diet.
CO6	Describe the relationship between nutrition & health
CO7	Differentiate between prokaryote and eukaryote cell
CO8	Describe the classification, functions, sources and recommended daily

	allowances (RDA) of carbohydrates, fats, protein, vitamins and minerals.
CO9	Describe the sources, functions and requirements of water & electrolytes
CO10	Describe the cookery rules and preservation of nutrients.
CO11	Describe and plan balanced diet for different categories of people
CO12	Describe the role of nurse in assessment of nutritional status and nutrition education
▪ Microbiology and Pathology-I & II -	
CO1	Analyze different Concepts, terminology and principles of Microbiology.
CO2	Explain Pathogenic organisms and special pathology
CO3	Apply the knowledge of pathology in Nursing Practice
CO4	Identify the causes of infection and develop Immunity of Human beings.
CO5	Apply the knowledge of clinical pathology in Nursing Practice.
CO6	Describe structure, classification of morphology and growth of bacteria
CO7	Identify micro – organisms.
▪ Lab work- Anatomy and Physiology- I & II -	
CO1	Identify function of skeletal and joint System.
CO2	Describe in detail function of skin, muscular, digestion and respiratory system of human body.
CO3	Analyze the Cardio-Vascular Mechanism through practical.
CO4	Describe the importance of Blood Groups in Blood transfusion.
CO5	Know the importance of Family Planning.
▪ Lab work - Microbiology and Pathology-I & II -	
CO1	Demonstrate laboratory equipment's for Microbiology and Pathology
CO2	Describe Pathogenic organisms and special pathology
CO3	Apply the knowledge of clinical pathology in Nursing Practice
CO4	Determine glucose in Serum.

CO5	Identify the creatinine with clearance test.
CO6	Apply the biochemistry and nutrition in nursing practice.
Lab. Work- Biochemistry, Nutrition and Dietetics-I & II	
CO1	Analyze the safety and precaution in Biochemistry lab
CO2	Explain DNA, RNA, balanced diet.
CO3	Analyze the water purification methods, measurement of PH, vitamins, minerals, and glucose.
CO4	Determine plate techniques and glucose in serum.
CO5	Analyze the ability of bacteria enzyme.
CO6	Apply the knowledge of Microbiology and Pathology for nursing.
▪ Internship and Project Work- First Aid-I & II	
CO1	Serve confidently in any nursing situations
CO2	Gain good knowledge in nursing research.
CO3	Demonstrate the practice, supervise in clinical & public health settings.
CO4	Describe the skill in setting and handling equipments.
CO5	Develop IPR with Family.
CO6	Identify the need of patients and solve the problem.
❖ B.Voc Nursing Part-II –	
▪ Management of Nursing Services & Education-I & II-	
CO1	Describe the management of nursing services in the hospital and community.
CO2	Apply the concepts, theories and techniques of organizational behaviour and human relations.
CO3	Describe the elements and process of management.
CO4	Develop skills to plan and organize service education.
CO5	Describe the ethical and legal responsibilities of a professional nurse.

CO6	Identify the various opportunities for professional advancement.
CO7	Explain the nursing practice standards.
❖ Communication & Educational Technology & ICT- I & II-	
CO1	Identify Nurses' effective interpersonal and human relations with patients, families and health team members.
CO2	Acquires the skill of counselling.
CO3	Describe different types of educational medias.
CO4	Describe the philosophy & principles of education.
CO5	Identify the types of assessment of knowledge, skills and attitudes.
❖ Medical-Surgical Nursing- I & II -	
CO1	Explain the causes, patho-physiology, symptoms, treatment and prophylactic measures in common medical and surgical conditions affecting various systems of the body.
CO2	Provide patient centered nursing care.
CO3	Prepare operation theatre for surgery and assist in operative procedures.
CO4	Explain casualty/emergency services.
CO5	Demonstrate complete health assessment to establish a data base for providing quality patient care.
CO6	Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities
CO7	Demonstrate skill in assisting / performing diagnostic and therapeutic procedures.
CO8	Explain competencies/skills to patients undergoing treatment for medical surgical disorders.
CO9	Identify the drugs used to treat patients in medical surgical conditions

❖ Fundamental of Nursing- I & II-	
CO1	Explain the concept of health, illness and scope of nursing within health care services.
CO2	Apply values, code of ethics and professional conduct in professional life.
CO3	Demonstrate competency in monitoring and documenting vital signs.
CO4	Describe fundamentals of health assessment and perform health assessment in supervised clinical settings.
CO5	Identify the educational needs of patients and demonstrate basic skills of patient education.
CO6	Apply the knowledge of the principles, routes and effects of administration of medications in administering medication.
CO7	Calculate conversions of drugs and dosages within and between systems of measurements.
CO8	Demonstrate knowledge and understanding in caring for patients with altered functioning of sense organs and unconsciousness.
▪ Lab/Clinical work: Medical-Surgical Nursing- I & II -	
CO1	Apply the nursing process in providing care to the sick adults in the hospital
CO2	Provide comfort and safety to adult patients in the hospital
CO3	Maintain safe environment for patients during hospital.
CO4	Provide pre, intra and post-operative care to patient undergoing surgery.
CO5	Assess the educational needs of the patient and their family related to medical and surgical disorders and provide appropriate health education to patients.
CO6	Demonstrate the awareness of legal and ethical issues in nursing practice.

▪ Lab/Clinical work: Pharmacology- I & II-	
CO1	Identify the drugs details regarding the classification.
CO2	Explain the factor affecting and action of the drugs.
CO3	Explain the indication and contraindication, action, adverse effect and nursing responsibility.
CO4	Demonstrate awareness of the common drugs used in alternative system of medicine.
CO5	Demonstrate the different route and doses of the drugs.
▪ Lab/Clinical work: Fundamental of Nursing- I & II -	
CO1	Maintain effective human relations.
CO2	Demonstrate skills in techniques of recording and reporting and monitoring vital signs
CO3	Care for patients with altered vital signs.
CO4	Demonstrate skill in implementing standard precautions and use of PPE.
CO5	Demonstrate skill in caring for patients with restricted mobility.
CO6	Identify and demonstrate skill in caring for patients with fluid, electrolyte and acid – base imbalances.
CO7	Assess, plan, implement & evaluate the basic care needs of patients with altered functioning of sense organs and unconsciousness.
CO8	Care for terminally ill and dying patients.
▪ Internship Project-I & II	
CO1	Understand the importance of the research in nursing field.
CO2	Identify the problem and try to resolve the problem through the research project.
CO3	Gain good knowledge in nursing research.
CO4	Skill in setting and handling equipment's.

CO5	Develop IPR with Family.
CO6	Identifying the need of patients and solve the problem.
❖ B.Voc Nursing Part-III	
▪ Nursing Research and Statistics-I -	
CO1	Describe the concept of research, terms, need and areas of research in nursing.
CO2	Explain the steps of research process.
CO3	Identify and state the research problem and objectives.
CO4	Explain the review of literature.
CO5	Describe the research approaches and designs.
CO6	Explain the sampling process.
CO7	Describe the methods of data collection.
CO8	Analyze, Interpret and summarize the research data.
CO9	Explain the use of statistics, scales of measurement and graphical presentation of data.
CO10	Describe the measures of central tendency and variability and methods of correlation.
▪ Mental Health Nursing –II	
CO1	Describe the historical development & current trends in mental health nursing.
CO2	Describe the epidemiology of mental health problems.
CO3	Describe the National Mental Health Act, programmes and mental health policy.
CO4	Describe the nature, purpose and process of assessment of mental health status.
CO5	Describe therapeutic impasse and its intervention.

CO6	Explain treatment modalities and therapies used in mental disorders and role of the Nurse.
CO7	Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with mental health disorders.
▪ Obstetrics and Gynaecological Nursing –I -	
CO1	Explain professional accountability for the delivery of nursing care as per INC Standards/ICM competencies that are consistent with moral and principles in midwifery practice.
CO2	Explain the trends and issues in midwifery/obstetrical nursing.
CO3	Describe the anatomy and physiology of human reproductive system and conception.
CO4	Describe and apply the physiology in the management of normal pregnancy, birth and puerperium.
CO5	Demonstrate competency in providing respectful maternity care for the women during the antenatal, intranatal and postnatal period.
CO6	Explain the conduction of normal deliveries and provide essential new born care.
CO7	Apply nursing process in caring for women and their families.
CO8	Describe and apply the physiology in the management of normal pregnancy, birth and puerperium.
CO9	Demonstrate competency in providing respectful maternity care for the women during the antenatal, intranatal and postnatal period.
▪ Child Health Nursing – I & II -	
CO1	Develop understanding of the history and modern concepts of child health and child- care.
CO2	Describe the role of preventive paediatrics and perform preventive

	measures towards Accidents.
CO3	Identify the developmental needs of children and provide parental guidance.
CO4	Explain the national immunization programs /Universal Immunization program (UIP).
CO5	Demonstrate competencies in newborn assessment, planning and implementation of care to normal and high-risk newborn including neonatal resuscitation.
CO6	Apply the principles and strategies of Integrated management of neonatal and childhood illness (IMNCI).
CO7	Apply the knowledge of patho-physiology and provide nursing care to children with common childhood diseases.
CO8	Identify and meet childhood emergencies and perform child CPR.
▪ Community Health Nursing –I & II -	
CO1	Describe approaches and concepts of community health.
CO2	Describe the role and responsibilities of community health nursing personnel.
CO3	Describe the skills in providing comprehensive primary health care across the life span at various settings.
CO4	Explain the principles and methods used for home visiting
CO5	Explain the epidemiological approaches in caring for people with communicable and non-communicable diseases.
CO6	Describe the methods of collection and interpretation of demographic data.
CO7	Assess, diagnose, manage and refer clients for various communicable and non- communicable diseases appropriately at the primary health care level.
CO8	Explain the maternal, newborn and child care, and reproductive health including adolescent care in the urban and rural health care settings.

