



GALGOTIAS UNIVERSITY

Syllabus of

B Sc Nursing

Name of School: Galgotias School of Nursing

Department: Nursing

Year: 2021-22

GalgotiasUniversity							
School:GalgotiasSchoolofNursing							
AcademicSessionFall2021-2022(AnnualProgram)							
Year :	first year						
Subject	NameoftheCourse	TeachingScheme				Hybrid Credits	Credits
Code		L	T	P	TotalHours		
BSCN1001	ANATOMYAND PHYSIOLOGY	8	0	0	120		8
BSCN1002	NUTRITIONAND BIOCHEMISTRY	6	0	0	90		6
BSCN1003	NURSINGFOU NDATIONS (THEORY)	18	0	13.5(L)	265(T)+200(L)		31.5
BSCN1004	PSYCHOLOGY	4	0	0	60		4
BSCN1005	MICROBIOLOGY	4	0	0	60		4
BSCN1006	ENGLISH	4	0	0	60		4
BSCN1007	INTRODUCTIONTO COMPUTERS	3	0	0	45		3
BSCN1008	NURSINGFOU NDATIONS (PRACTICAL)	0	0	15	450		15
BSCN1009	LIBRARY/SELFSTUDY	0	3.5	0	52		3.5
BSCN1010	COCURRICULAR	0	0	0	30	2	2
BSCN1011	physicaleducationand yoga	2	0	0	30		2
TOTAL		49+13.5(l)=62.5	3.5	15	1470	2	83

Year :	second						
Subject	NameoftheCourse	TeachingScheme				Hybrid Credits	Credits
Code		L	T	P	Total		
					Hours		
BSCN2001	SOCIOLOGYtheory	4	0	0	60		4
BSCN2002	PHARMACOLOGY, PATHOLOGY& GENETICStheory	6	0	0	90		6
BSCN2003	MEDICALSURGICAL NURSING-I(THEORY)	14	0	0	210		14
BSCN2004	COMMUNITYHEALTH NURSIN-I(THEORY)	6	0	0	90		6
BSCN2005	COMMUNICATION &EDUCATION TECHNOLOGYtheory	6	0	0	90		6
BSCN2006	MEDICALSURGICAL NURSING-I(PRACTICAL)	0	0	24clinical	720		24clinical

BSCN2007	COMMUNITY HEALTHNURSIN-I(PRACTICAL)	0	0	4.5clinical	135		4.5clinical
BSCN2008	LIBRARY/SELFSTUDY	0	3.5		52		3.5
BSCN2009	COCURRICULAR	0	0	0	30	2	2
ZOZO40401	physicaleducationandyoga	0	0	0.5	15		0.5
TOTAL		36	3.5	29	1492	2	70.5

Year :	Third						
Subject	NameoftheCourse	TeachingScheme				Hybrid Credits	Credits
Code		L	T	P	Total		
					Hours		
BSCN3001	MEDICAL SURGICALNURSING-II(THEORY)	8	0	0	120		8
BSCN3002	CHILDHEALTHNURSING (THEORY)	6	0	0	90		6
BSCN3003	MENTAL HEALTHNURSING(THEORY)	6	0	0	90		6
BSCN3004	MIDWIFERY &OBSTETRICALNURSING (THEORY)	3	0	0	45		3
BSCN3005	NURSINGRESEARCH& STATISTICStheory	3	0	0	45		3
BSCN3006	ENVIRONMENTAL STUDIESTheory	3	0	0	45		3
BSCN3007	MEDICAL SURGICALNURSING-II(PRACTICAL)	0	0	9CLINICAL	270		9 CLINICAL
BSCN3008	CHILDHEALTHNURSING (PRACTICAL)	0	0	9CLINICAL	270		9 CLINICAL
BSCN3009	MENTAL HEALTHNURSING(PRACTICAL)	0	0	9CLINICAL	270		9 CLINICAL
BSCN3010	MIDWIFERY &OBSTETRICALNURSING (PRACTICAL)	0	0	6clinical	180		6clinical
BCEUCT1002	WASTEMANAGEMENT	1	0	0	15		1
BSCN3011	LIBRARY/SELFSTUDY	0	3.5	0	52		3.5
BSCN3012	COCURRICULAR	0	0	0	45	3	3
BSCN3012	physicaleducationandyoga	0	0	0	15	0.5	0.5
TOTAL		30	3.5	33	1552	3.5	70

Year :	Fourth						
Subject	NameoftheCourse	TeachingScheme				Hybrid Credits	Credits
Code		L	T	P	Total		
					Hours		
BSCN4001	MIDWIFERY & OBSTETRICAL NURSING (THEORY)	3	0	0	45		3
BSCN4002	COMMUNITY HEALTH NURSING-II (THEORY)	6	0	0	90		6
BSCN4003	MANAGEMENT OF NURSING SERVICES & EDUCATION (THEORY)	4	0	1	90		5
BSCN4004	MIDWIFERY & OBSTETRICAL NURSING (PRACTICAL)	0	0	6 clinical	180		6 clinical
BSCN4005	COMMUNITY HEALTH NURSING-II (PRACTICAL)	0	0	4.5 clinical	135		4.5 clinical
BSCN4006	INTERNSHIP	0	0	38.5 clinical	1150		38.5 clinical
BSCN4007	physical education and yoga	0	0		15	0.5	0.5
BCEUCT1002	DISASTER MANAGEMENT	2	0	2 (1 credit to be program specific)	60		3
TOTAL		15	0	51	1765	0.5	66.5

Total no. of hours upon completion of 4 year B.Sc. Nursing course = 6285 hours (including 1 credit of physical education & yoga in 3rd and 4th years Hybrid

Theory hours = 2,152.5 = 143.5 credits (15 hours of theory = 1 credit)

Practical hours = 3,840 = 128 credits (30 hours of practicals = 1 credit)

Detailed Syllabus

BSCNURSING1STYEAR

Name of TheCourse	Anatomy & Physiology			
CourseCode	BSCN1001			
Prerequisite	10+2withPCB 55%			
Corequisite	Anatomy physiology lab with models, charts, log book, Groupprojects, Videofilm, Anatomy&Physiology Atlas.			
Antirequisite	NA			
	L	T	P	C
	4	0	0	4

CourseObjectives:

ToenablestudentstoacquireknowledgeofnormalstructureofhumanbodysystemTo enable students to acquire knowledge of normal functions of each body systemTo identify any deviations from normal to abnormal To apply knowledge of anatomy and physiology to treat disease conditions in hospital settings. Course Outcomes

CO1	Describe anatomical terminology, organization of human body, structure of cell & tissues and its implications in nursing.
CO2	Explain & demonstrate normal structure (Anatomy) of various human body systems.
CO3	Explain & demonstrate normal functions (physiology) of various human body systems
CO4	Identify and demonstrate the alteration in anatomical structures in diseases and practice of nursing.
CO5	Identify and demonstrate the alteration in physiological parameters in diseases and practice of nursing.

TextBook(s)

Cohen – Memmler’s Structure & Function of Human Body, 2009,
LWW. Waugh – Ross & Wilson Anatomy & Physiology, 2008, Elsevier.
Tortora – Anatomy & Physiology, 2007, Wiley

ReferenceBook(s)

Chaurasia –
Human Anatomy, 2005, CBS Publishers & Distributors
Gray’s Anatomy, 2006, Elsevier
Snell – Clinical Anatomy by Regions, WK.

Unit-1	5+4hours
Introduction to Anatomical terms organization of the human body and Cell Physiology	
Anatomy	

<p>Human Cell structure. Tissues – Definition, Types, characteristics, classification, location, functions & formation. Membranes and glands – classification and structure Physiology Cell Physiology. Tissue formation, repair. Membranes & glands – functions Alterations in disease . Applications and implications in nursing</p>
<p>Unit-2 The Skeletal System 6+4 hours</p> <p>Anatomy Bones – types, structure, Axial & Appendicular Skeleton, Bone formation and growth, Description of bones, Joints classification and structure Physiology Bone formation & growth. Bones – Functions and movements of bones of axial and appendicular skeleton, bone healing, Joints and joint movement Alterations in disease. Applications and implications in nursing</p>
<p>Unit-3 The Muscular System 7+4 hours</p> <p>Anatomy Types and structure of muscles, Muscle groups Physiology Muscle movements, Muscle tone, Physiology of muscle contraction, levels and maintenance of posture, Alterations in disease, Applications and implications in nursing</p>
<p>Unit-4 The nervous System 6+7 hours</p> <p>Anatomy Structure of neurologia & neurons, Somatic Nervous system, Structure of brain, spinal cord, cranial nerves, spinal nerves, peripheral nerves Autonomic Nervous System – Sympathetic, parasympathetic, Structure, location Physiology Functions of Neurologia & neurons, Stimulus & nerve-impulse-definitions and mechanism, Functions of brain, spinal cord, cranial and spinal nerves Cerebrospinal fluid- composition, circulation and function Reflex arc, Reflexion and reflexes, Automatic functions – Pain: somatic, visceral and referred, Automatic learning and biofeedback Alterations in disease, Applications and implications in nursing</p>
<p>Unit-5 The Sensory Organs 6+4 hrs</p> <p>Anatomy Structure of skin, eye, ear, nose tongue, (Auditory and olfactory apparatus) Physiology Functions of skin, eye, ear, nose, tongue, Alterations in disease, Applications and implications in nursing</p>
<p>Unit-6 Circulatory and lymphatic system 7+8 hrs</p> <p>Anatomy The Circulatory System: Blood – Microstructure, Structure of Heart, Structure of blood vessels- Arterial & Venous System, Circulation: Systemic, pulmonary, coronary, Lymphatic System,</p>

Lymphatic vessels & lymph, Lymphatic tissues: Thymus gland, Lymph nodes, Spleen, Lymphatic tissues Physiology
Blood formation, composition, blood groups, blood coagulation, Hemoglobin: Structure, Synthesis and breakdown, Variation of molecules, estimation, Functions of Heart, Conduction, Cardiac cycle, circulation-Principles, Control, factors influencing BP and Pulse, Alterations in disease, Applications and implications in nursing

Unit-7 The Respiratory System 5+6hrs

Anatomy

Structure of the organs of respiration, Muscles of respiration: Intercostals and Diaphragm Physiology
Functions of respiratory organs, Physiology of respiration, Pulmonary ventilation, Volume, Mechanics of respiration, Gaseous exchange in lungs, Carriage of oxygen & carbon-dioxide, Exchange of gases in tissues, Regulation of respiration
Alterations in disease, Applications and implications in nursing

Unit-8 The Digestive System 6+6hrs

Anatomy: structure of Alimentary tract and accessory organs of digestion Physiology

Functions of organs of digestive tract. Movements of alimentary tract, Digestion in mouth, stomach, small intestines, Large intestines, Absorption of food. Functions of liver, gallbladder and pancreas.
Metabolism of carbohydrates, protein and fat.

Unit-9 The Excretory system (Urinary) 4+5hrs

Anatomy

Structure of organs of urinary system: Kidney, Ureters, urinary bladder, urethra, structure of skin. Physiology

Functions of kidneys, ureters, urinary bladder & urethra. Composition of urine.

Mechanism of urine formation. Functions of skin. Regulation of body temperature. Fluid and electrolyte balance

Unit-10 The Endocrine system 4+5hrs

Anatomy

Structure of Pituitary, Pancreas, thyroid, Parathyroid, thymus and adrenal glands Physiology

gy

Functions of Pituitary, pineal body, thymus, Thyroid, parathyroid, pancreas, Suprarenal, Placenta and ovaries & Testes

Unit-11 Reproductive System including breast 4+5hrs

Anatomy

Structure of female reproductive organs, Structure of male reproductive organs, Structure of breast, Alterations in disease.

Physiology

Reproduction of cells—DNA, Mitosis, Meiosis, spermatogenesis, oogenesis. Functions of female reproductive organs; Functions breast, Female sexual cycle. Introduction to embryology. Functions of male reproductive organs, Male function in reproduction, Male fertility system. Alterations in disease. Applications and implications in nursing.

Unit– 12 The Lymphatic and immunological system 2 hours

Circulation of lymph. Immunity. Formation of T-cells and B cells. Types of Immune response. Antigens. Cytokines. Antibodies

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE)	End Term Test (ETE)	Total Marks
15	5+5	75	100

Name of The Course	NUTRITION & BIOCHEMISTRY			
Course Code	BSCN1002			
Prerequisite	10+2 with PCB 55%			
Corequisite	Nutrition & Biochemistry lab, charts, logbook, Group projects, Video film, Cooking, preservation of food			
Antirequisite	NA			
	L	T	P	C
	3	0	0	3

Course Objectives:

To enable students to acquire knowledge of the classification, functions, sources and recommended daily allowances of food in health and disease conditions.

To enable students to acquire knowledge in metabolism of Fat, Carbohydrates and Proteins.

Describe the classification, functions, sources and recommended daily allowances (RDA) of Fats, carbohydrates, proteins, and water. (N)

To assist the students to acquire knowledge of the normal biochemical composition and functioning of human body and understand the alterations in biochemistry in diseases for practice of nursing. (B)

To apply knowledge of nutrition and biochemistry to treat disease conditions in hospital settings. Course Outcomes

CO1	(N) Describe relationship between health and nutrition (B) Describe structure, composition and functions of cell and its membranes; differentiate between prokaryote and eukaryote cells.
CO2	(N) Describe classification, functions, sources and recommended daily allowances (RDA) of carbohydrates, fats, proteins, vitamins, minerals, water and electrolytes. (B) Explain the composition and metabolism of carbohydrates, lipids, amino acids and proteins, vitamins and minerals.
CO3	(N) Describe balanced diet, cookery rules and preservation of nutrients, plan and prepare therapeutic diets and balanced diet for different age groups and disease conditions. (B) Describe immunology and role of nurse to correct the immune system of people.
CO4	((N) Describe the role of nurse in various National nutritional programs, assessment of nutritional status of vulnerable group and nutritional education.
CO5	(N) Identify and recognize any deviation/nutritional deficiencies in different age groups/sick individuals and take corrective measures.

Text Book(s)

Nutrition and Biochemistry for Nurses, 2nd Edition Authors: Venkatraman Shreemathy Sucheta P

Dandekar, Paperback ISBN: 9788131235850, eBook ISBN: 9788131240205 Imprint: Elsevier Published Date: 20th May 2015

Textbook of Biochemistry for Nurses, year: 2011

Reference Book(s)

Medical Biochemistry for nurses as per

INC, DR. SHWETA SINGH, Kumar publisher Nutrition and health for nurses, by AK JAIN, Anshu

publishing co

Biochemistry & Nutrition for B.Sc. Nursing, Textbook by Manjula Shantaram.

Unit-1 Describe the relationship between nutrition & Health (N) Introduction To Biochemistry (B) 4+3hrs

Nutrition: History, Concept, Role of nutrition in maintaining health, Nutritional problems in India, National nutritional policy, Factors affecting food and nutrition: socio-economic, cultural, tradition, production, system of distribution, lifestyle and food habits etc. Role of food and its medicinal value, Classification of foods, Food standards, Elements of nutrition: macro and micro Calorie, BMR.

Biochemistry: Definition and significance in nursing, Review of structure, Composition and functions of cell Prokaryote and Eukaryote, cell organization, Microscopy.

Unit-2 Carbohydrates (N) 2+6 Hrs Cell membrane (B)

Nutrition: Classification, Calorie Value, Recommended daily allowances, Dietary sources, Functions, Digestion, absorption and storage, metabolism of Carbohydrates.

Biochemistry: Structure and functions of Cell membrane: Fluid mosaic model tight junction, Cytoskeleton, Transport mechanism: diffusion osmosis, filtration, active channel, sodium pump, Acid base balance-maintenance & diagnostic tests, Ph buffers.

Unit-3 FATS (N) 2+6 hrs metabolism of Carbohydrates (B)

Nutrition: Fats: Classification, Caloric value, Recommended daily allowances, Dietary sources, Functions, Digestion absorption and storage, metabolism, Malnutrition: Deficiencies and overconsumption.

Biochemistry: Composition and metabolism of Carbohydrates: Types, structure, composition and uses: Monosaccharide, Disaccharides, Polysaccharides Oligosaccharides, Metabolism: Pathways of glucose: Glycolysis, Gluconeogenesis: Cori's cycle, Tricarboxylic acid (TCA) cycle, Glycogenolysis: Pentose phosphate, Pathways (Hexose monophosphate) Regulation of blood glucose level, Investigations and their interpretation.

Unit-4 Vitamins (N) 2+4 hrs metabolism of Lipids (B)

Nutrition: Vitamins: Classification, Recommended daily allowances, Dietary sources, Functions Absorption, synthesis, metabolism storage and excretion, Deficiencies, Hyperminosis.

Biochemistry: Composition and metabolism of Lipids (B): Nomenclature, Roles and Prostaglandins, Metabolism of fatty acid Breakdown, Synthesis, Metabolism of triacylglycerols, Cholesterol metabolism:, Biosynthesis and its Regulation Bile salts and bilirubin , Vitamin D, Steroid hormones. Lipoproteins and their functions: VLDLs- IDLs, LDLs and HDLs Transport of lipids Atherosclerosis, Investigations and their interpretations

Unit-5 Daily calorie requirement for different categories of people (N) 3+6 hrs Composition and metabolism of Amino acids and Proteins (B)

Nutrition: Energy: Unit of Energy – Kcal Energy requirements of different categories of people, Measurements of energy , Body Mass Index (BMI) and basic metabolism, Basal Metabolic Rate (BMR) - determination and factors affecting BMR.

Biochemistry: Composition and metabolism of Amino acids and Proteins, Types, structure, composition and uses of Amino acids and Proteins, Metabolism of Amino acids and Proteins , Protein synthesis, targeting and Glycosylation , Chromatography, Electrophoresis Sequencing, Metabolism of Nitrogen, Fixation and Assimilation, Urea Cycle, Heme and chlorophylls, Enzymes and co-enzymes; Classification, Properties, Kinetics and inhibition, Control, Investigations and their interpretations.

Unit-6 Vitamins (N)

4+2 hrs Composition

of Vitamins and minerals (B)

Nutrition: Vitamins: Classification, Recommended daily allowance, Dietary sources, Functions: Absorption, synthesis, metabolism, storage and excretion, Deficiencies Hypervitaminosis.

Biochemistry: Composition of Vitamins and minerals, Vitamins and minerals: Structure, Classification, Properties, Absorption, Storage & transportation, Normal Concentration, Investigations and their interpretation.

Unit-7 Minerals (N)

4+3 hrs

Nutrition: Classification, Recommended daily allowances, Dietary sources, Functions, Absorption, synthesis, metabolism storage and excretion, Deficiencies, Overconsumption and toxicity

Biochemistry: Immune response, structure & classification of Immunoglobulin's, Mechanism of antibody production, Antigens- HLA typing, Free radical & antioxidants, Specialized proteins- collagen, elastin, keratin, myosin, lens protein, Electrophoretic & quantitative determination of immunoglobulin's- ELISA. Etc., Investigations & their interpretation.

Unit-8 Sources, functions and requirements of water & electrolytes (N)

3 hrs

Water & electrolytes: Water: Daily requirement, regulation of water metabolism, and distribution of body water, Electrolytes: Types, sources, composition of body fluids, Maintenance of fluid & electrolyte balance, Overhydration, dehydration and water intoxication, electrolyte imbalances.

Unit-9 Cookery rules and preservation of nutrients (N)

5 hrs

*Principles, methods of cooking and serving, Preservation of nutrients, Safe Food handling - toxicity, Storage of food, Food preservation, food additives and its principles, prevention of food adulteration Act (PFA), Food standards, Preparation of simple beverages and different types of food.

Unit-10 Balanced diet((N) 7hrs
Balanced diet: Elements, Food groups, Recommended Daily allowance, Nutritive value of foods, Calculation of balanced diet for different categories of people, Planning menu, Budgeting of food, Introduction to therapeutic diets: Naturopathy–diet.
Unit-11 Role of nurse in nutritional programmes(N) 4 hours
National programmes related to nutrition: Vitamin A deficiency programme, National iodine deficiency disorders(IDD) programme, Mid-day meal programme, Integrated child development scheme (ICDS), National and International agencies working towards food/nutrition, NIPCCD, CARE, FAO, NIN, CFTRI (Central food technology and research institute) etc., Assessment of nutritional status, Nutrition education and role of nurse

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE)	End Term Test (ETE)	Total Marks
15	5+5	75	100

Name of The Course	Nursing Foundations
--------------------	---------------------

CourseCode	BSCN1003			
Prerequisite	10+2PCB 55%			
Corequisite	Demonstration, Group projects, Videofilm, charts			
Antirequisite	NA			
	L	T	P	C
	9	0	7	16

CourseObjectives:

This course is designed to help the students to develop and understanding of the philosophy, objectives, theories and process of nursing in various supervised clinical settings. It is aimed at helping the students to acquire knowledge, understandings and skills & techniques of nursing and practice them in supervised clinical settings.

COURSE OUTCOME

CO1	Describe the concept of health, illness and health care agencies
CO2	Explain the concept of nursing & scope of nursing profession and also describe values, code of ethics and professional contacts for nurses in India.
CO3	Demonstrate and perform various basic nursing procedures to provide safe and quality patient care by using nursing process and accurate documentation/reporting
CO4	Develop effective communication.
CO5	Demonstrate, perform and document health assessment of each human body system.
CO6	Identify various machinery, equipments used in patient care and their maintenance
CO7	Describe principle and technique for infection control measures and BMW management in clinical settings.
CO8	Describe principles, routes, effects of administration of medicine and injections.
CO9	Demonstrate perioperative patient care and surgical asepsis
CO10	Describe the basics physiological and psychological needs of patients. Demonstrate the principles and techniques for meeting needs of patients.
CO11	Explain and demonstrate the care of the terminally ill patient and dying patients

Text Book (s) 1. Taylor – Fundamentals of Nursing, 2007,
LWW Kozier – Fundamentals of Nursing, 2007, Pearson
Potter – Basic Nursing, 2008, Elsevier

Reference Book (s) 1 Lynn – Taylor’s Clinical Nursing
Skills, 2008, LWW Craven – Fundamentals of Nursing, 2010, LWW
LWW – Lippincott’s Nursing Procedure, 2008,
LWW Jacob –
Clinical Nursing Skills & Procedures, 2008, Jaypee

Unit-1 Introduction	10 HRS
Concept of Health: Health – Illness continuum, Factors influencing health, Causes and risk factors for developing illness, Body defenses: Immunity and immunization, Illness and illness Behavior: Impact of illness on patient and family, Health Care Services: Health Promotion and prevention and Primary Care, Diagnosis, Treatment, Rehabilitation and Continuing Care, Health care teams, Types of health care agencies, Hospitals: Types, Organization Functions, Health Promotion and Level of Disease Prevention, Primary health care and its delivery: Role of nurse.	
Unit-2 Nursing as a profession	16 HRS
Definition and Characteristics of a profession, Nursing: Definition, Concepts, philosophy, objectives, Characteristics, nature and scope of nursing practice, Functions of nurse, Qualities of a nurse - Categories of nursing personnel, Nursing as a Profession, History of Nursing in India, Values: Definition, Types, Values, Clarification and values in professional Nursing: Caring and Advocacy	

Ethics: Definition and Ethical Principles, Code of ethics and professional conduct for nurses.	
Unit-3 Hospital admission and discharge 4 HRS	
Admission to the hospital, Unit and its preparation admission bed, Admission procedure Special considerations, Medico-legal issues Roles and Responsibilities of the nurse, Discharge from the hospital -Types: Planned discharge, LAMA and abscond, Referrals and transfers, Discharge Planning, Discharge procedure, Special considerations, Medico--legal issues, Roles and Responsibilities of the nurse, Care of the unit after discharge.	
Unit-4 Communication & Nurse-patient relationship	10 HRS
Communication: Levels, Elements, Types, Modes, Process, Factors influencing Communication- Methods of Effective Communication,- Attending skills, Rapport building skills, Empathy skills, Barriers to effective communication, Helping Relationships (NPR): Dimensions of Helping Relationships, Phases of a helping relationship, • Communicating effectively with patient, families and team members and maintain effective human relations with special reference to communicating with vulnerable group (children, women, physically and mentally challenged and elderly) • Patient Teaching: Importance, Purposes, Process, role of nurse and Integrating teaching in nursing process.	
Unit-5 The Nursing Process	15 HRS
Critical Thinking and Nursing Judgment Critical Thinking: Thinking and Learning, o Competencies, Attitude for Critical Thinking, Level of critical thinking in Nursing Nursing Process Overview: Application in Practice o Nursing process format: INC, current format o Assessment Collection of Data: Types, Sources, Methods- Formulating Nursing judgment: Data interpretation of Nursing diagnosis -Identification of client problems- Nursing diagnosis statement and Difference between medical and nursing diagnosis, o Planning, Implementation, Evaluation of patient care, Documentation & reporting.	
UNIT-6 Documentation and Reporting 4 HRS	
Documentation: Purposes of Recording and reporting • Communication within the Health Care Team, • Types of records; ward records, medical/nursing records, • Common Record-keeping forms, Computerized documentation • Guidelines for Reporting: Factual Basis, Accuracy, Completeness, currentness, Organization, confidentiality • Methods of Recording, • Reporting: Change-of shift reports: Transfer reports, Incident reports • Minimizing legal Liability through effective record keeping.	
UNIT-7 Vital Signs	15 HRS
Importance, Guidelines for taking vital signs: Body temperature: Physiology, Regulation, Factors affecting body temperature, Assessment of body temperature: sites, equipments and technique, special considerations Temperature alterations: Heat stroke, Hypothermia Hot and cold applications, Pulse Physiology and Regulation, Characteristics of the pulse, Factors affecting pulse Assessment of pulse: sites, location, equipments and technique, special considerations, Alterations in pulse: Respiration: Physiology and Regulation, Mechanics of breathing, Characteristics of the respiration, Factors affecting respiration. Assessment of respirations: technique, special considerations, Alterations in respiration Blood pressure: Physiology and Regulation, Characteristics of the blood pressure, Factors affecting blood pressure Assessment	

of blood pressure: sites, equipments and technique, special considerations Alterations in blood pressure, Recording of vital signs.

UNIT-8 Health Assessment 30 HRS

Purposes, Process of Health assessment- Health history, Physical examination: Methods- inspection, Palpation, Percussion, Auscultation, Olfaction.
General assessment, Assessment of each body system Recording of health assessment.

UNIT-9 Machinery, equipments & linen 5 HRS

Types: Disposables and re-usable- Linen, rubber goods, glass ware, metal, plastics, furniture, machinery Introduction: -
Indent-Maintenance-Inventory.

UNIT-10 Meeting needs of patient 60 HRS

Basic needs (Activities of daily living) Providing safe and clean environment: - Physical -environment: Temperature, Humidity, Noise, Ventilation, light, Odour, pests control - Reduction of Physical hazards: fire, accidents - Safety devices: Restraints, side rails, airways, trapez etc - Role of nurse in providing safe and clean environment Hygiene: - -Factors Influencing Hygienic Practice - Hygienic care: Care of the Skin-Bath and pressure points, feet and nail, Oral cavity, Hair Care, Eyes, Ears, and Nose
Assessment, Principles, Types, Equipments, Procedure, Special Considerations - Patient environment: Room Equipment and linen, • Making patient beds Types of beds and bed making Comfort: - - Factors Influencing Comfort - Comfort devices Physiological needs: - Sleep and Rest: - Physiology of sleep - Factors affecting sleep - Promoting Rest and sleep, Sleep Disorders Nutrition: - - Importance - Factors affecting nutritional - Assessment of nutritional needs: Variables - Meeting Nutritional needs: Principles, equipments, procedure and special considerations - Oral - Enteral: Naso/ Orogastric, gastrostomy - Parenteral: - Urinary Elimination - Review of Physiology of Urine Elimination, Composition and characteristics of urine Factors Influencing Urination Alteration in Urinary Elimination Types and Collection of urine specimen: Observation, urine testing Facilitating urine elimination: assessment, types, equipments, procedures and special considerations - Providing urinal / bed pan o Condom drainage o Perineal care o Catheterization o Care of urinary drainage o Care of urinary diversions o Bladder irrigation f Bowel Elimination - Review of Physiology of Bowel Elimination, Composition and characteristics of faeces - Factors affecting Bowel elimination - Alteration in Bowel Elimination - Types and Collection of specimen of faeces: Observation - Facilitating bowelelimination: assessment, equipments, procedures and special considerations Passing of Flatus tube Enemas Suppository Sitz bath Bowel wash Care of Ostomies Mobility and Immobility - Principles of Body Mechanics - Maintenance of normal body alignment and mobility - Factors affecting body Alignment and mobility - Hazards associated with immobility - Alteration in body Alignment and mobility - Nursing interventions for impaired Body Alignment and Mobility: assessment, types, devices used, method and special considerations, rehabilitation aspects Range of motion exercises o Maintaining body alignment: Positions Moving Lifting Transferring Walking Restraints - Oxygenation - Review of Cardiovascular and respiratory Physiology - Factors Affecting Oxygenation - Alterations in oxygenation - Nursing interventions in oxygenation: assessment, types, equipment used, procedure and special considerations Maintenance of patent airway Oxygen administration Suction Inhalations: dry and moist Chest physiotherapy and postural drainage .Care of Chest drainage Pulse oximetry CPR- Basic life support Fluid, Electrolyte, and Acid — Base Balances - Review of Physiological Regulation of Fluid, Electrolyte, and Acid - Base Balances - Factors Affecting Fluid, Electrolyte, and Acid - Base Balances - Alterations in Fluid, Electrolyte, and Acid - Base Balances Nursing interventions in Fluid, Electrolyte, and Acid - Base imbalances: assessment, types, equipment, procedure and special considerations o Measuring fluid intake and output Correcting Fluid, Electrolyte Imbalance: Replacement

<p>of fluids: Oral and Parenteral Venipuncture, regulating IV Flow rates, changing IV solutions and tubing, Changing IV dressing, Administering Blood transfusion Restriction of fluids Psychosocial Needs Concepts of Cultural Diversity, Stress and Adaptation, Self-concept, Sexuality, Spiritual Health, Coping with loss, death and grieving Assessment of psychosocial needs - Nursing intervention for psychosocial needs - Assist with coping and adaptation - Creating therapeutic environment to Recreational and diversional therapies.</p>
<p>UNIT-11 Infection control in clinical settings 20 HRS</p>
<p>Infection control Nature of infection Chain of infection transmission Defenses against infection: natural and acquired Hospital acquired infection (Nosocomial infection) • Concept of asepsis: medical asepsis, and surgical asepsis Isolation precautions (Barrier nursing): - Hand washing: simple, hand antiseptics and surgical antiseptics (scrub) - Isolation: source and protective - Personal protective equipments: types, uses and technique of wearing and removing - Decontamination of equipment and unit - Transportation of infected patients - Standard safety precautions (Universal precautions) - Transmission based precautions • Biomedical waste management: - Importance - Types of hospital waste - Hazards associated with hospital waste - Decontamination of hospital waste - Segregation and Transportation and disposal of hospital waste.</p>
<p>UNIT-12 Administration of medication 40 HRS</p>
<p>General principles, consideration, purposes of medication, rights of the patients. Safety in administering medication. Medications and Medication Errors; Drug Forms; Routes of administration Storage and maintenance drug, Broad classification of drugs: - Therapeutic Effect, Side Effects, Toxic Effects, Idiosyncratic Reactions, Allergic Reactions, Drug Tolerance, Drug Interactions, Factors Influencing drug Actions, - Systems of Drug Measurement: Metric System, Apothecary System, Household Measurements, Solutions. Converting Measurements Units: Conversion within one system, Conversion between systems, Dosage Calculation, Terminologies and abbreviations used in prescriptions of medications Oral Drugs Administration: Oral, Sub-lingual and Buccal: Equipment, procedure, Parenteral- General principles: decontamination and disposal of syringes and needles Types of parenteral therapies, Types of syringes, needles, canula, and infusion sets, Protection from Needlestick Injuries: Giving Medications with a safety syringes, Routes of parenteral therapies Intra-dermal: purpose, site, equipment, procedure, special considerations, Subcutaneous: purpose, site, equipment procedure, special considerations, Intramuscular: purpose, site, equipment, procedure, special considerations, Intravenous: purpose, site, equipment, procedure, special considerations and Nurse's responsibility. - Advanced techniques: epidural, intra-thecal, intra-osseous, intra-peritoneal, intra-plural, intra-arterial- Role of nurse, Topical Administration: purposes, site, equipment, procedure, special considerations for Application to Skin Application mucous membrane- Direct application of liquids- Gargle and swabbing the throat- Insertion of Drug into body cavity: Suppository, medicated packing in rectum/vagina- Instillations: Ear, Eye, Nasal, Bladder, and Rectal- Irrigations: Eye, Ear, Bladder, Vaginal and Rectal- Spraying: Nose and throat Inhalation: Nasal, oral, endotracheal (steam, oxygen and medications) purposes, types, equipment, procedure, special considerations Recording and reporting of medications administered.</p>
<p>UNIT-13 Meeting needs of Peri-operative patients 10 HRS</p>
<p>Definition and concept of Perioperative Nursing, Preoperative Phase- Preparation of patient for surgery Intra-operative, Operation theatre Set up and environment., Role of nurse, Postoperative Phase, Recovery unit Postoperative unit, Postoperative care, Wounds: types, Classifications, wound Healing Process, Factors affecting Wound, Complications of Wound Surgical asepsis, Care of the wound: types, equipments, procedure and special considerations- Dressings, Suture Care, - Care of Drainage- Application of Bandages, Binders, Splints & Slings- Heat and Cold Therapy and Healing.</p>
<p>UNIT-14 Meeting special needs of patient 15 HRS</p>
<p>Care of patients having alteration in: - Temperature (hyper and hypothermia); Types, Assessment, Management - Sensorium (Unconsciousness); Assessment, Management - Urinary Elimination (retention and incontinence) Assessment, Management- Functioning of sensory organs: (Visual & hearing impairment)- Assessment of Se</p>

Care ability - Communication Methods and special considerations - Mobility (physically challenged, cas assessment of Self-Careability: Communication Methods and special considerations - Mental state (mentally challenged), assessment of Self-Care ability; - Communication Methods and special considerations - Respiratory (distress); Types, Assessment, Management Comfort - (Pain) - Nature, Factors influencing Pain, Copin Assessment, Management; Treatment related to gastrointestinal system: nasogastric suction, gastric irrigation, gastric analysis

UNIT-15 Care of Terminally ill patient 5 HRS

Concepts of Loss, Grief, grieving Process - Signs of clinical death - Care of dying patient: special considerations - Advanced directives: euthanasia, will, dying declaration, organ donation etc - Medico-legal issues - Care of the body: equipment, procedure and care of unit - Autopsy - Embalming.

UNIT-16 Professional Nursing concepts and practices 6 HRS

Conceptual and theoretical models of nursing practice: Introduction to models - holistic model, health belief model, health promotion model etc Introduction to Theories in Nursing; Peplau's, Henderson's, Orem Neuman's, Roger's and Roy's Linking theories with nursing process.

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTEI + MTEII)	End Term Test (ETE)	Total Marks
15	5+5	75	100

Name of The Course	Psychology			
Course Code	BSCN1004			
Prerequisite	10+2 PCB 55%			
Corequisite	Demonstration, Group projects, Video film, charts			
Antirequisite	NA			
	L	T	P	C
	2	0	0	2

Course Objectives:

This course is designed to assist the students to acquire knowledge of fundamentals of psychology and develop an insight into behaviour of self and others. Further it is aimed at helping them to practice the principles of mental hygiene for promoting mental health in nursing practice.

Course Outcomes

CO1	Describe the history, scope, methods and biology of Human behavior.

CO2	Describe and identify cognitive processes and role of nurse in managing altered cognitive processes.
CO3	Describe the Motivation and emotional processes and their influence on behaviour
CO4	Explain the concepts of personality and its influence on behavior.
CO5	Describe psychology of people during developmental phase of life and identify ego defense mechanism and its implication on mental health.
CO6	Illustrate role of nurse in psychological assessment and testing.

Text Book(s)1.

R Sreevani–Psychology for Nurses, 2012, Jaypee Brothers Medical Publishers.

2. Basavanthappa BT- Psychology for Nursing, 2010, Jaypee Brothers Medical Publishers. 3 A.B Salgado – Introductory Psychology for Nursing and Allied Health Sciences, 2010, Jaypee Brothers Medical Publishers

Reference Book(s)1. Mark Breedlove– Principles of Psychology, 2005, Oxford University Press.

IClement–Textbook on Psychology, 2016, Jaypee.

Madhavi & pratibha–A Textbook of Psychology, 2015, Vijayam Publications.

Unit-1 Introduction	2HRS
History and origin of science of psychology, Definitions & Scope of Psychology, Relevance to nursing, Methods of Psychology.	
Unit-2 Biology of behaviour	4HRS
Body mind relationship- modulation process in health and illness; Genetics and behaviour: Heredity and environment; Brain and Behaviour- nervous system, neurons and synapse, Association Cortex, Rt and Lt Hemispheres, Psychology of Sensations, Muscular and glandular control of behavior, Nature of behaviour of an organism/Integrated responses.	
Unit-3 Cognitive processes	20HRS
Attention: Types, determinants Duration & degree, alterations; Perception: Meaning, Principles factors affecting, Errors; Learning: Nature, Types, learner and learning, Factors influencing, laws and theories, process, transfer, study habits;	

<p>Memory: Meaning, Types, Nature Factors influencing, Development Theories and methods of memorizing and Forgetting Thinking: Types and levels, stages of development, Relationship with language and communication; Intelligence: Meaning, classification, uses, theories; Aptitude: Concept, types, Individual differences and variability; Psychometric assessments of cognitive processes; Alterations in cognitive processes; Applications</p>	
Unit-Motivation	8HRS
<p>Definition, Purpose, scope and need, Basic principles, Organization of counseling services, Types of counseling approaches, Role and preparation of counselor, Issues for counseling in nursing: students and practitioners, Counseling process — steps & techniques, tools of counselor, Managing disciplinary problems, Management of crisis & referral Motivation: Meaning, Concepts, Types, Theories, Motives and behavior, Conflicts and frustration, conflict resolution. Emotions & stress Emotion: Definition, components, Changes in emotions, theories emotional adjustments, emotions in health and illness. Stress: stressors, cycle, effect, adaptation & coping. Attitude: Meaning, nature, development, factors affecting, Behaviour and attitudes Attitudinal change, Psychometric assessments of emotions and attitudes, Alterations in emotions Applications.</p>	
Unit-5 Personality	7HRS
<p>Definitions, topography, types, Theories, Psychometric assessments of personality, Alterations in personality, Applications, Alterations in disease, Applications and implications in nursing</p>	
UNIT-6 Developmental psychology	7HRS
<p>Psychology of people at different ages from infancy to old age., Psychology of vulnerable individuals - challenged, women, sick, etc., Psychology of groups.</p>	
UNIT-7 Mental hygiene and mental health	8HRS
<p>Concepts of mental hygiene and mental health., Characteristics of mentally healthy person., Warning signs of poor mental health., Promotive and Preventive mental health- strategies and services, Ego Defense mechanisms and implications., Personal and social adjustments., Guidance and counseling., Role of nurse.</p>	
UNIT-8 Psychological assessment & tests	4HRS
<p>Types, development, Characteristics, Principles, Uses, Interpretations and Role of nurse in psychological assessment.</p>	

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTEI+MTEII)	End Term Test (ETE)	Total Marks
10	5+5	75	100

Name of TheCourse	Microbiology			
CourseCode	BSCN1005			
Prerequisite	10+2PCB 55%			
Corequisite	Demonstration, Group projects, Videofilm, charts			
Antirequisite	NA			
	L	T	P	C
	3	0	0	3

CourseObjectives:

This course is designed to enable students to acquire understanding of fundamentals of Microbiology and identification of various micro-organisms. It also provides opportunities for practicing infection control measures in hospital and community settings.

CourseOutcomes

CO1	describe concepts and principles of microbiology.
-----	---

CO2	Identify structure, classification, morphology of microbes and demonstrate various laboratory methods used to study microbes.
CO3	Describe measures for infection control and role of nurse to prevent infection in the hospital by providing health education.
CO4	Summarize different types of disease-producing microorganisms and parasites in human body.
CO5	Demonstrate role of nurse in utilizing aseptic technique while collecting, handling and transportation of various specimens.
CO6	Explain the basic concept and importance of immune system and appreciate the importance of immunization and immunoprophylaxis to prevent infectious disease.

Text Book (s) 1. Dr. C.P Baweja – Textbook of Microbiology for Nursing, 2007, Jaypee
 Dr. Arora – Essentials of Microbiology for BSc Nursing Students, 2008, CBS

Anju Dhir – Textbook of Microbiology for BSc & Post Basic Nursing Students, 2019, Atithi Medical Books. Reference Book(s)

Dr. Reeba Kanungo – Ananthanarayan and Paniker's Textbook of Microbiology, 10th Edition, Jaypee

CP Baweja – Textbook of Microbiology, 6th Edition, 2019, Arya

Publications Apurba S Sastry – Essentials of Microbiology, 2018.
 Apurba S Sastry – Review of Microbiology and Immunology, 2019,

Unit-1 Introduction	5 HRS
Importance and relevance to nursing, Historical perspective, Concepts and terminology, Principles of Microbiology	
Unit-2 General Characteristics of Microbes	10+5 HRS
Structure and classification of Microbes, Morphological types, Size and form of bacteria, Motility, Colonization, Growth and nutrition of microbes, Temperature, Moisture, Blood and body fluids, Laboratory methods for Identification of Microorganisms, Staining techniques, Gram staining, Acid fast staining, Hanging drop preparation, Culture; various medias	

Unit-3 Infection control 10+2 HRS
Infection: Sources, portals of entry and exit, transmission, Asepsis, Disinfection; Types and methods, Sterilization; Types and Methods, Chemotherapy and antibiotics, Standards safety measures, Biomedical waste management, Role of Nurse, Hospital acquired infection, Hospital infection control programme, Protocols, collection of samples, preparation of report and status of rate of infection in the unit/hospital, nurse's accountability, continuing education etc
Unit-4 Pathogenic organisms 12+4 HRS
Micro-organisms- Cocci—gram positive and gram negative, bacilli—gram positive and gram negative, Spirochaete, Mycoplasma, Rickettsiae, Chlamydiae, Viruses - Fungi - Superficial and Deep, mycose, Parasites, Rodents & vectors, Characteristics, Source, portal of entry, transmission of infection Identification of disease producing micro-organisms, Collection, handling and transportation of various specimens.
Unit-5 Immunity 8+4 HRS
Immunity-Types, classification, Antigen and antibody reaction, Hypersensitivity — skin test Serological tests, Immunoprophylaxis, Vaccines & sera-Types & Classification, storage and handling, cold chain, Immunization for various diseases, Immunization Schedule.

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTEI+MTEII)	End Term Test (ETE)	Total Marks
15	10	75	100

Name of The Course	ENGLISH			
Course Code	BSCN1006			
Prerequisite	10+2 with PCB 55%			
Corequisite	10+2 PASS WITH ENGLISH AS COMPULSARY SUBJECT, Group Projects, Video Film Of English Authors, English Films			
Antirequisite	NA			
	L	T	P	C
	2	0	0	2

Course Objectives:

Speak and write grammatically correct English.

Develop ability to read, understand and express meaningfully the prescribed text. Develop skills in spoken English.

Develop skill in listening, comprehension. C

Course Outcomes

CO1	Develop ability to Speak and write grammatically correct English
CO2	Develop ability to read, comprehend and express meaningfully the prescribed text.

CO3	Develop writingskills
CO4	DevelopskillsinspokenEnglishsuchasoralreport, discussion,debate,telephonicconversation
CO5	Developskillsinlistening,comprehensionsuchasmedia,audio, video, speechesetc.to communicatewithpatientsandtheirfamilies inhospitalsettingandcommunity.

TextBook(s)

Selva Rose. 1997,CareerEnglishforNurses. Cheiu;ai:OientLongrnanLtd.

ThomsonA.J.andMaitüietA. V.

1987,A1icticEnglishGrammar,Delhi:OxfordUniversityPress.ReferenceBook(s)

GeneralEnglishfor B.ScNursing,1stedition,Meena sharma

O’ConnorJ.D,1986. BetterEnglishh’onuwiatio. Cambridge:UniversityPress.

BywaterF.V.A.1982,ProficincyCourseinEnish.London:1-

lodderandStrongliton.OxfordadvancedLeaiiersDictionary,1996

Unit-1 IntroductiontoEnglish 10hrs ReviewofGrammarRemedialstudyofGrammar, BuildingVocabulary, Phonetics, PublicSpeaking. Demonstrateuseofdictionary,ClassroomConversion,Exerciseonuseofgrammar,Practiceinpublicspeaking	
Unit-2Developabilitytoread,understandandexpress meaningfully mprehendprescribedcoursebooks Reading,Summarizing,Comprehension	30hrstheprescribedtext,Readandco
Unit-3VariousformsofComposition 10hrs Letterwriting,Notetaking,Precisewriting,Nursesnotes,Anecdotalrecords, Diarywriting,Reportsonhealthproblemsetc.,Resume/CV Letterwriting,NursesNotes,Precise,Diary,Anecdote,Healthproblems,Storywriting,Resume/CV,EssayWriting, Discussiononwrittenreports/documents	
Unit-4SpokenEnglish6hrs Oralreport, Discussion,Debate, TelephonicConversation	

Debating, Participating in Seminar, panel, symposium, Telephonic Conversation
Unit- 5 Learning Comprehension 4hrs Media, audio, video, speeches etc
Listening to audio, videotapes and identify the key points

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTEI+MTEII)	End Term Test (ETE)	Total Marks
10	5+5	75	100

Name of The Course	Nursing Foundations Practical				
Course Code	BSCN1008				
Prerequisite	10+2 PCB 55%				
Corequisite	Demonstration, Group projects, Videofilm, charts				
Antirequisite	NA				
		L	T	P	C
		0	0	15	15

Course Objectives:

This course is designed to help the students to develop and understanding of the philosophy, objectives, theories and process of nursing in various clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in clinical settings.

Course Outcomes

CO1	Perform admission, discharge and patient assessment procedures and provide nursing care by using steps of nursing process.

CO2	Demonstrate all basic nursing procedures as per the log book/procedure manual prescribed by INC, for providing nursing care to patients in the hospital and community setting.
CO3	Perform infection control procedure and practice standard safety precautions (universal precautions) while caring for the patient.
CO4	Communicate effectively with patient, families and team members and maintain effective IPR.
CO5	Administer drugs; provide care to the dying and dead, counsel and support relatives.

Text Book (s) 1. Taylor – Fundamentals of Nursing, 2007,

LWW Kozier – Fundamentals of Nursing, 2007, Pearson

Potter – Basic Nursing, 2008, Elsevier

Reference Book (s) 1 Lynn – Taylor’s Clinical Nursing

Skills, 2008, LWW Craven – Fundamentals of Nursing, 2010, LWW

LWW – Lippincott’s Nursing Procedure, 2008,

LWW. Jacob – Clinical Nursing Skills &

Procedures, 2008, Jaypee

Unit-1 Hospital admission & discharge 5HRS	
Admission, Prepare unit for new patient, Prepare admission bed, Perform admission procedure- new patient, transfer in, Prepare patient records, Discharge/Transfer out, Discharge counseling, Perform discharge procedure, Prepare records of discharge/transfer, dismantle & disinfect unit and equipment after discharge/transfer.	
Unit-2 Perform Assessment	5HRS
History taking, Nursing diagnosis, problem list, Prioritization, Goals & expected outcomes, selection of intervention, Write nursing care plan, Give care as per the plan.	
Unit-3 Communication & Reporting	5HRS
Use verbal & nonverbal communication techniques, prepare a plan for patient teaching session, change of shift reports, transfer reports, Incident report setc., present patient report.	
Unit-4 Vital Signs	5HRS
Measure, Record and interpret alterations in body temperature, Pulse, Respiration and Blood pressure	
Unit-5 Health Assessment	30HRS
Health history taking, Perform assessment- general, body systems, Use various methods of physical examination, Inspection, Palpation, Percussion, Auscultation, Olfaction, Identification of system wise deviations.	
UNIT-6 Prepare patient’s unit	15HRS
Prepare beds- open, closed, occupied, operation, amputation, cardiac, fracture, burn, divided & fowler’s bed, Pain assessment and provision for comfort, Use of comfort devices.	
UNIT-7 Meeting needs of the patient	70HRS
Hygienic care- oral hygiene, bath & care of pressure points, Hair wash, Pediculosis treatment, Feeding- Oral, Enteral, Naso/Orogastric, gastrostomy & parental feeding, Naso-gastric insertion, suction & irrigation, Assisting patient in urinary elimination- provide urinal/bed pan, Condom drainage, Perineal care, Catheterization, Care of urinary drainage, Bladder irrigation assisting bowel elimination- Insertion of flatus	

tube, Enemas, Insertion of suppository, Bowel wash, Body alignment & mobility- Range of motion exercises, Positioning- Recumbent, Lateral, Fowlers, Sims, Lithotomy, Prone, Trendelenburg position, Assist patient in moving, lifting, transferring, walking, Restraints, Oxygen administration, Suctioning, Chest PT and postural drainage, Care of chest drainage, CPR-Basic life support, Intravenous therapy, Blood & blood component therapy, Specimen collection for investigations, Perform lab tests, Hot & cold applications, Communicating & assisting with self-care of – visually & hearing impaired patients, mentally challenged & disturbed patients, alteration of sensorium, Recreational & diversional therapies.	
UNIT-8 Infection control	15 HRS
Perform following procedures- Hand washing techniques, Simple, Hand antisepsis, surgical antisepsis (scrub), Prepare isolation unit in lab/ward, Practice technique of wearing & removing Personal protective equipment (PPE), Practice standard safety precautions, Decontamination of equipment & unit- Surgical asepsis: sterilization, Handling sterilized equipment, calculate strength of lotions, Prepare lotions, Care of articles.	
UNIT-9 Pre & perioperative care	15 HRS
Skin preparation for surgery, Preparation of postoperative unit, Pre and postoperative teaching and counseling, pre and postoperative monitoring, Care of the wound- Dressing, suture care, care of drainage, Application of Bandages, Binders, Splints & Slings, Bandaging of various parts.	
UNIT-10 Administration of medication 30 HRS	
Administer medications in different forms & routes- Oral, Sublingual & Buccal, Parenteral- Intradermal, Subcutaneous, Intramuscular, Intravenous, assist in intravenous medications, Drug measurement & dose calculation, Preparations of lotions & solutions, Administer topical application, Insertion of drug into body cavity- suppository & medicated packing, Instillation of medication and spray into ear, Eyes, Nose & Throat, Irrigations- Eye & Ear, Bladder, Vagina & Rectum, Inhalations- Dry & moist.	
UNIT-11 Care of dying patient 5 HRS	
Caring & Packing of the dead body, counseling & supporting grieving relatives, Terminal care of the unit.	

Continuous Assessment Pattern

Internal Assessment (IA)	End Term Test (ETE)	Total Marks
100	100	200

B

Name of The Course	Introduction to computer			
Course Code	BSCN1007			
Prerequisite	10+2 with PCB 55%			
Corequisite	Computer Lab, Group projects, Video film			
Antirequisite	NA			
	L	T	P	C
	1.5	0	0	1.5

Course Objectives:

To enable students to Identify & define various concepts used in computer and application of computer in nursing
 To enable students to demonstrate skill in the use of MS Office, internet and Email and multi-media.

To identify features of computer aided teaching and testing

To apply knowledge of computer to describe and use the statistical packages and the use of

Hospital Management System Course Outcomes

CO1	Aquirebasicknowledgeandskills ofcomputerscienceandits applicationinNursing,education,researchandservice.
CO2	Demonstrateanddevelop skillsinpreparingmultimediaandits utilityinteachinglearningprocess.
CO3	Describetheuseofvariousstatisticalpackagesusedinhospital/nursing managementsystem.

TextBook(s)

SoodRanju. "Computer forNursing".1stedition2014;Avichal.

ShendurnikarNiranjan."ComputerforNurses".1stedition201y;Jaypeebrothers.ReferenceBoo

k(s)

1. Nursinginformatics:Scielo.br

Unit-1 Introduction 3 hours Concepts of Computers Hardware and software; trends and technology Application of computers in nursing. Charts
Unit-2 Introduction to disk-operating system 6+20h DOS Windows (all versions) Introduction MS-Word MS-Excel with pictorial presentation MS-Access MS-Powerpoint
Unit-3 Multimedia 2+3 hrs Multimedia; types & uses *Computer aided teaching & testing
Unit-4 Internet 1+3hr Use of Internet and: e-mail
Unit-5 Statistical Packages 2+2 hr *Statistical packages: types and their features
Unit-6 Hospital Management 1+2hr *Hospital Management System: Types and uses

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTEI+MTEII)	End Term Test (ETE)	Total Marks
10	5+5	75	100

Name of The Course	Physical Education & Yoga			
Course Code	BSCN1012			
Prerequisite	10+2 with PCB 55%			
Co-requisite	Books			
Anti-requisite	NA			
	L	T	P	C
	2	0	0	2

Programme: Certificate	Year: First YEAR		
Co-Curricular Course			
Course Code: BSCN1012	Course Title: Physical Education and Yoga		
<p>Course outcomes:</p> <p>Course Outcomes: CO1: After completion of this course, students will Apply knowledge of physical education, growth and development, play, sports and games knowledge, history of physical education and yoga to explain aim and objectives of physical education.</p> <p>CO2: Use an understanding of history of yoga, as a yoga to effectively know about yoga in everyday life, further study in physical</p>			
Credits: 2		Compulsory	
Max. Marks: 25+75		Min. Passing Marks:	
Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 2-0-0			
Unit	Topics		No. of Lectures Total=30
I	<p>Physical Education:</p> <ul style="list-style-type: none"> • Meaning, Definition, Aim and Objective. • Misconception About Physical Education. • Need, Importance and Scope of Physical Education in the Modern Society. • Physical Education Relationship with General Education. • Physical Education in India before Independence. Physical Education in India after Independence. 		6 Theory

II	<p>Concept of Fitness and Wellness:</p> <ul style="list-style-type: none"> • Meaning, Definition and Importance of Fitness and Wellness. • Components of Fitness. • Factor Affecting Fitness and Wellness. <p>Weight Management:</p> <ul style="list-style-type: none"> • Meaning and Definition of Obesity. • Causes of Obesity. • Management of Obesity. • Health problems due to Obesity. <p>Lifestyle:</p> <ul style="list-style-type: none"> • Meaning, Definition, Importance of Lifestyle. • Factor affecting Lifestyle. • Role of Physical activity in the maintenance of Healthy Lifestyle. 	5 Theory 3 Practical
III	<p>Yoga and Meditation:</p> <ul style="list-style-type: none"> • Historical aspect of yoga. • Definition, types, scope & importance of yoga. • Yoga relation with mental health and value education. • Yoga relation with Physical Education and sports. • Definition of Asana, differences between asana and physical exercise. • Definition and classification of pranayama. • Difference between pranayama and deep breathing. • Practical: Asana, Surya-Namaskar, Bhujang Asana, Naukasana, Halasana, Vajrasana, Padmasana, Shavasana, Makrasana, Dhanurasana, Tad Asana. Pranayama: Anulom, Vilom. 	2 Theory 6 Practical
IV	<p>Traditional Games of India:</p> <ul style="list-style-type: none"> • Meaning. • Types of Traditional Games- <ul style="list-style-type: none"> • Gilli-Danda • Kanche • Stapu • Gutte, etc. • Importance/Benefits of Traditional Games. • How to Design Traditional Games. <p>Recreation in Physical Education:</p> <ul style="list-style-type: none"> • Meaning, Definition of Recreation. • Scope and Importance of Recreation. • General Principles of Recreation. • Types of Recreational Activities. • Aerobics and Zumba. (Fit India Movement) 	2 Theory 6 Practical

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Exam (MTE)	End Term Exam (ETE)	Total Marks
NA	NA	NA	NA

Name of The Course	CO-CURRICULUM ACTIVITIES				
Course Code	BSCN1011				
Prerequisite	10+2 with PCB 55%				
Co-requisite	Books				
Anti-requisite	NA				
	L	T	P	C	
	0	3.5	0	3.5	

Course Objectives

This course is designed to motivate the student to build strength by participating in different activities.

CO1	Identify and address the needs of community collaboratively to facilitate positive social change.
CO2	Analyse and understand the complex interconnections between local and Global communities.
CO3	Articulate ideas in various formats including oral, written, nonverbal, visual and electronics.

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Exam (MTE)	End Term Exam (ETE)	Total Marks
NA	NA	NA	NA

Name of The Course	LIBRARY/SELF STUDY				
Course Code	BSCN1010				
Prerequisite	10+2 with PCB 55%				
Co-requisite	Books				
Anti-requisite	NA				
	L	T	P	C	
	0	3.5	0	3.5	

Course Objective

This course is designed to prepare and motivate the student to acquire learning and self-instruction during their free time.

Course Outcomes

CO1	Promote literacy and disseminate useful daily information to the people and encourage lifelong learning through reading materials and resources.
CO2	Provide opportunities ensuring freedom and equal access to information to all members of the community, to educate and enlighten them
CO3	Identify keywords, synonyms and related terms in order to flexibly search information resources.

--

ContinuousAssessmentPattern

InternalAssessment(IA)	Mid Term Exam(MTE)	End Term Exam(ETE)	TotalMarks
NA	NA	NA	NA

BSCNURSING2NDYEAR

Name of The Course	Sociology			
Course Code	BSCN2001			
Prerequisite	10+2 with PCB 55%			
Corequisite	Sociology books			
Antirequisite	NA			
	L	T	P	C
	2	0	0	2

Course Objectives:

This course is designed to introduce the concepts of sociology related to community and social institutions in India and its relationship with health, illness and nursing.

Course Outcome

CO1	Describe the concept, importance of sociology and interrelationship of individuals in the society
CO2	Explain influence of culture on health and diseases
CO3	Identify social group and their interaction among each other
CO4	Describe the growth of population in India and its impact on health
CO5	Describe institution of family, marriage and their influence on health and health practices
CO6	Describe the role of nurse in social stratification, rural urban community, social change, social organization, social system, social control and social problems in India.

Text Book(s)

KP Neeraja "Text book of Sociology for nursing students". 1st edition 20014;
 Jaypee publishers TK Indrani "Textbook of sociology for nurses" 2nd edition 2012; Jaypee publishers
 Jyoti Srivastava "Textbook of sociology for nursing students" 2st
 edition 2016, Kumar Publishing House Reference Book(s)
 I Clement " Sociology for nurses" 2nd edition 2010, pearson
 publishers Krishne Gowda "sociology for nurses" 2nd edition, CR
 Publishing house
 Karen willis and Shandell Elmer "Society, culture and health" 1st edition, Oxford publications

Unit-1 INTRODUCTION 1
hour Definition of Sociology
Nature and Scope of the discipline
Importance and application of Sociology in Nursing

Unit-2 Individual & Society 3
Hours Society and Community
Nature of Society, Difference between Society and Community Process of Socialization and individualization Personal disorganization

Unit-3 Culture 3 Hours
Nature of culture, Evolution of culture Diversity and uniformity of culture
Culture and socialization, Transcultural society Influence on health and disease

Unit-4 Social groups and processes	4sHours
<p>The meaning and classification of groups primary and secondary groups Group: In-group V/s. Out-group, Class Tribe, Caste, Economic, Political, Religious groups, Mob, Crowd, Public and Audience Interaction & Social Processes Co-operation, Competition, Conflict Accommodation, Assimilation & Isolation</p>	
Unit-5 Population	6Hours
<p>Society and population Population distribution in India - Demographic characteristics Malthusian theory of Populations Population explosion in India and its impact on health status Family welfare programmes</p>	
Unit-6 Family and marriage	7.5Hours
<p>Family- Functions Types- Joint, Nuclear, Blended and extended family: Characteristics The Modern Family—Changes, Problems- Dowry etc., welfare Services Changes & legislations on family and marriage in India - marriage acts Marriage: Forms and functions of marriage, Marriage and family problems in India Family, marriage and their influence on health and health practices</p>	
Unit-7 Social stratification meaning and types of social stratification	7Hours
<p>The Indian Caste System- origin & features, Features of Caste in India Today Social Class system and status Social Mobility- Meaning & Types Race as a biological concept, criteria of racial classification Salient features of Primary races- Racism Influence of Class, Caste and Race on health and health practices</p>	
Unit-8 Types of communities in India	6Hours Types of Communities in India (R
<p>ural, Urban and Regional) Features of village, community & Characteristics of Indian villages- Panchayat system, social dynamics Community Development, project & planning Changes in Indian Rural Life, Availability of health facilities in rural and its impact on health and health practices Urban Community features The growth of cities: Urbanization and its impact on health and health practices</p>	
Unit-9 Social change	4Hours
<p>Nature and process of Social Change Factors influencing Social change: cultural change, Cultural lag.</p>	

Introduction to Theories of social change: Linear, Cyclical, Marxian, Functional
Role of nurse- Change agents
Unit-10 Social organization and social system 4 Hours Democratic and authoritarian modes of participation, Voluntary associations Social system: Definition and Types of social system Role and Status as structural elements of social system Inter-relationship of institutions
Unit-11 Social Control 2 Hours Nature and process of social control Political, Legal, Religious, Educational, Economic, Industrial and Technological systems, Norms & Values- Folkways & Mores, Customs, Laws and Fashion Role of Nurse.
Unit-12 Social problems 15 Hours Social disorganization Control & planning: poverty, housing, illiteracy, food supplies, prostitution, rights of women & children, vulnerable groups: Elderly, handicapped, minority groups and other marginalized groups, child labour, child abuse, delinquency and crime, substance abuse, HIV/AIDS. Social Welfare programmes in India Role of nurse

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE)	End Term Test (ETE)	Total Marks
15	10	75	100

Name of The Course	Pharmacology, Pathology, Genetics			
Course Code	BSCN2002			
Prerequisite	KNOWLEDGE of anatomy, physiology and microbiology			
Corequisite	Pathology lab with models, charts, log book, Group projects, Video film, Pathology Atlas, Pharmacology lab with models, charts, logbook, Group projects, Videofilm, Pharmacology Atlas Genetic lab with models, charts, logbook, Group projects			
Antirequisite				
	L	T	P	C

Course

Objectives:

This course is designed to enable students to acquire knowledge of pathology of various disease conditions and apply this knowledge in practice of nursing.

This course is designed to enable students to acquire understanding of Pharmacodynamics, Pharmacokinetics and Principles of Therapeutics and

Nursing implications.

This course is designed to enable students to acquire understanding of Genetics, its role in causation and management of defects and diseases.

Course Outcomes

COA1	Explain the importance of study of pathology in nursing and differentiate between normal and abnormal structure and function of human body system.
COA2	Demonstrate and identify pathological changes in disease condition of various systems.
COA3	Demonstrate various laboratory tests for examination of blood, urine and other body fluids to monitor disease conditions and role of nurse in infection control.
COB1	Describe pharmacodynamics, pharmacokinetics and principles of drug administration.
COB2	Demonstrate chemotherapy used for specific infection & infestations.
COB3	Recognize action, side effects, dosage, routes of drugs used for treating diseases relating to all body systems.
COB4	Demonstrate drugs used in emergency, CPR, de-addiction, vaccine & sera, vitamins and minerals deficiency and alternative system of medicine and role of nurse.
COC1	Explain the nature, principle and perspectives of heredity and genetics and its practical application in counseling patients with genetic disorders.
COC2	Demonstrate maternal and genetic influences on developmental defects and diseases in children and their management.
COC3	Demonstrate screening methods used for genetic defects and diseases in neonates, children, adolescents and adults.

Text Book(s)

Swaminathan K – Pathology for Nurses, 2009, Jaypee Brothers Medical Publishers

Sharma Suresh K – Textbook of Pharmacology, Pathology and Genetics for Nurses (2 Volumes), 2016, Jaypee Brothers Medical Publishers.

Tara Shanbhag Veena Nayak Smita Shenoy – Pharmacology for Nurses, 2011, Elsevier.

Sharma Suresh K – Textbook of Pharmacology, Pathology and Genetics for Nurses (2 Volumes), 2016, Jaypee Brothers Medical Publishers.

Sharma Suresh K – Human Genetics in Nursing, 2010, Jaypee Brothers Medical Publishers.

Sharma Suresh K – Textbook of Pharmacology, Pathology and Genetics for Nurses (2 Volumes), 2016, Jaypee Brothers Medical Publishers.

Reference Book(s)

[StanleyLRobbins](#)–

RobbinsandCotranPathologicBasisofDisease,2005,Elsevier/Saunders

[HarshMohan](#)– Textbook ofPathology,2015,JaypeeBrothersMedicalPublishers

[K.DTripathi](#)– EssentialsOfMedicalpharmacology,2008,JaypeeBrothersMedicalPublishers.

[KarenWhalen](#)–Lippincott IllustratedReviews:Pharmacology6th edition,2018,JaypeeBrothers MedicalPublishers.

[StanleyLRobbins](#)–RobbinsandCotranPathologicBasisofDisease,2005,Elsevier/Saunders

[HarshMohan](#)– Textbook ofPathology,2015,JaypeeBrothersMedicalPublishers

PATHOLOGY

Unit-1 INTRODUCTION 3hours

Importanceofthestudyofpathology, Definitionofterms,Methodsandtechniques,CellularandTissuechanges,Infiltration and regeneration, Inflammations and Infections, Wound healing, Vascular changes, Cellular growth,NeoplasmsNormalandCancerCell, BenignandMalignantgrowths,Insitucarcinoma, Disturbancesoffluidandelectrolyteimbalance.

Unit-2Pathologicalchangesindiseaseconditionsofvariousystems: 10+5Hrs

Respiratorytract-Tuberculosis,Bronchitis, Pleuraleffusionandpneumonia,Lungabscess,emphysema, bronchieatasis,Bronchialasthma,Chronic obstructivePulmonarydisease&tumours.

Cardiovascularsystem

Pericardialeffusion,Rheumaticheartdisease,Infectiveendocarditis,atherosclerosis,Ischemia,infarction&aneurysmGastroIntestinalTract

Pepticulcer,typhoid,

CarcinomaofGItract-buccal, Esophageal,

Gastric&intestinal,Liver,Gallbladder &pancreas,

Hepatitis,Chronicliverabscess,cirrhosis,Tumoursofliver,gallbladderandpancreas, Cholecystitis

Kidneys &Urinarytract

Glomerulonephritis,pyelonephritis,Calculi,renalfailure,renal,carcinoma&cystitisMale genitalsystems

Cryptorchidism testicular, atrophy, Prostatic hyperplasia, Carcinoma Penis & prostateFemalegenitalsystem.

Fibroids,CarcinomacervixandEndometrium,Vesicularmole,choriocarcinoma,Ectopicgestation,Ovariancyst&tumours,CancerBreast.

CentralNervoussystemHydrocephalus,Meningitis,encephalitis,Vascular disordersThrombosis,embolism,Stroke,paraplegia,quadriplegia

-Tumours, meningiomas

Unit-3Clinicalpathology 4+3Hours

Various bloodandbonemarrowtests inassessmentand monitoringofdiseaseconditions

Hemoglobin.RBC. Whitecell& plateletcounts,Bleedingtime,clottingtimeandprothrombine time, Bloodgroupingandcrossmatching, Bloodchemistry, Bloodculture,Serologicalandimmunological tests,Other bloodtests, ExaminationofBonemarrow,Methodsofcollectionofblood,specimenfor variousclinical,pathology,biochemistry,microbiologytests,inferenceandnormalvalues	
Unit-4Examinationofbodycavityfluids,transudatesandexudates ThelaboratoriestestsusedinCSF	2+1Hours
analysis,Examinationofotherbodycavityfluids,transudatesandexudatesputum,wounddischargeetc.Analysisofgastricandduodenalcontents.Analysisof semen-spermcount, motility and morphology and their importance in infertility. Methods of collection of CSF and other cavityfluidsspecimenforvariousclinicalpathology,biochemistry,microbiologytests, inferenceandnormalvalues.	
Unit-5UrineandFaeces1+1Hour	
Urine -Physicalcharacteristics,Analysis, Cultureandsensitivity.Faeces Characteristics, Stool examination:occultblood,ova, parasiteandcyst,reducingsubstanceetc.Methodsofcollectionforvarioustests,inferenceandnormalvalues.	
PHARMACOLOGY	
Unit-1 IntroductiontoPharmacology	3Hours
Definitions •Sources •Terminology used •Types: Classification •Pharmacodynamics: Actions, therapeutic,Adverse,toxic•Pharmacokinetics:absorption,distribution,metabolism,interaction,excretion•Review:Routesandprinciplesofadministrationofdrugs•Indianpharmacopoeia:Legalissues• Rationaluseofdrugs Principles oftherapeutics	
Unit-2Chemotherapy	6Hours
Pharmacology of commonly used; Penicillin Cephalosporins. Aminoglycosides, Macrolide & Broad SpectrumAntibiotics, Sulfonamides, Quinolones. Antiamoebic, Antimalarials, Anthelmintics, Antiscabies agents, Antiviral & anti-fungal agents. •Antitubercular drugs•Anti leprosy drugs•Anticancer drugs •Immuno- suppressants Composition, action,dosage,route,indications,contraindications,druginteractions,sideeffects, adverseeffects,toxicityandroleofnurse.	
Unit-3Pharmacologyofcommonlyusedantiseptics,disinfectantsandinsecticides.	2Hours
Antiseptics;Composition,action,dosage,route,indications,contraindications,druginteractions,sideeffects,adverse effects,toxicityandrole ofnurse• Disinfectants•Insecticides	
Unit-4 Drugs actingonG.I.system	2Hours
Pharmacology of commonly used- Antiemetics, - Emetics – Purgatives – Antacids - Cholinergic- Anticholinergics - Fluidandelectrolytetherapy - Antidiarrhoeals- HistaminesComposition,action,dosage, route,indications,contraindications,druginteractions,sideeffects,adverseeffects,toxicityandroleofnurse	
Unit-5Drugs usedonRespiratorySystems	2Hours
Pharmacology of commonly used- - Antiasthmatics, Mucolytics, Decongestants, Expectorants, AntitussivesBronchodilators,Bronchoconstrictors,Antihistamines,Composition,action,dosage,route,indications,contraindications,druginteractions,side effects,Adverse effects,toxicityandroleofNurse.	
Unit-6Drugs usedonUrinarySystemPharmacology ofcommonly used-	2Hours
•Diureticsandantidiuretics•Urinaryantiseptics•Cholinergicand•anticholinergics Acidifiersandalkalinizeis•Composition,action,•dosage,route,indications,•contraindications,druginteractions,sideeffects,adverse•effects,toxicityandrole of Nurse.	
Unit-7Miscellaneous	4Hours
Drugsused inde-addiction•Drugs used inCPRand emergency•Vitamins and minerals•	

Immunosuppressant Antidotes•Antivenom•Vaccinesandsera	
Unit-8Drugs usedonskinand mucousmembranes Topicalapplicationsforskin,eye,ear,noseandbuccalcavity, Antipruritics, Composition,action,dosage,route,indications,contraindications,druginteractions,sideeffects,adverse effects,toxicityandroleofnurse	1Hours
Unit-9 DrugsactingonNervoussystem Basic& appliedpharmacologyofcommonlyused: AnalgesicsandAnaesthetics Analgesics-NonsteroidalantiInflammatory(NSAID)drugsAntipyreticsHypnoticsandSedatives-Opioids -Non-Opioids–Tranquilizers-Generall& localanesthetics-Gases:oxygen,nitrousoxide,carbondioxideCholinergicand anti- cholinergic: Musclerelaxants Major tranquilizers, Anti-psychotics, Antidepressants Anticonvulsants.,Adrenergics,Noradregenic,Moodstabilizers,Acetylcholine,Stimulants,Composition, action,dosage,route,indications,contraindications, druginteractions,sideeffects,adverseeffects, toxicityandroleofnurse.	8Hours
Unit-10Cardiovasculardrugs Haematinics•Cardiotonics, •Antianginals•Anti-hypertensives&Vasodilators•Anti-arrhythmicsPlasma expanders•Coagulants&anticoagulants•Antiplatelets&thrombolytics• Hypolipidemics Composition,action,dosage,route,indications,contraindications,druginteractions,sideeffects,adverseeffects,toxicity,roleof Nurse	5Hours
Unit-11Drugsusedforhormonal disordersandsupplementation, contraceptionandmedicalterminationofpregnancy Insulins&Oralhypoglycemic•Thyroidsupplementsandsuppressants•Steroids,Anabolics•Uterinestimulantsandrelaxants• Oralcontraceptives• Otherestrogen-progesteronepreparations• Corticotrophine& Gonadotropines•Adrenaline. •Prostaglandins-•Calcitonins•Calciumsalt•Calciumregulators Composition,action,dosage,route,indications,contraindications,druginteractions,sideeffects,adverseeffects,toxicityandroleof nurse.	4Hours
Unit-12IntroductiontoDrugs usedinalternativesystemsofmedicine: HoursAyurveda,Homeopathy,UnaniandSiddhaetc	6
GENETICS	
Unit-1 Introduction: PracticalapplicationofgeneticsinNursing•Impact ofgeneticconditiononfamilies•Reviewofcellulardivisionmitosisandmeiosis. • Characteristicsandstructureofgenes•Chromosomes—sexdetermination ChromosomalaberrationsPatternsofinheritanceMendeliantheoryofinheritanceMultipleallotsandbloodgroupsSexlinkedinheritance.Mechanismofinheritance.Errorsintransmission(Mutation)	3Hours
Unit-2Maternal, prenatalandgenetic influencesondevelopmentof defectsanddiseases Conditionsaffectingthemoth:geneticandinfections •Consanguinityatopy•Prenatalnutritionandfoodallergies. •Maternal Age • Maternal drug therapy • Prenatal testing and diagnosis • Effect of Radiation, drugs and chemicals •Infertility• Spontaneousabortion.NueralTubedefectsandtheroleoffolicacidinloweringtherisk. DownsSyndrome(Trisomy21)	3Hours
Unit-3 Genetictestinginthe neonates andchildren Screeningfor-Congenitalabnormalities-Developmentaldelay-Dysmorphism	2Hours
Unit-4Geneticconditionsofadolescentsandadults Cancergenetics — FamilialCancer•Inbornerrorsofmetabolism•Bloodgroupallelesandhaematologicaldisorder•Genetichemochromatosis•Hun- tington'sdisease• Mentalillness	2Hours
Unit-5Services relatedtoGenetics .Genetictesting•Humangenomeproject•Genetherapy•TheEugenicsmovement •GeneticCounselling	5Hours

Legal and Ethical issues Role of nurse
--

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTEI + MTEII)	End Term Test (ETE)	Total Marks
15	5+5	75	100

Name of The Course	Medical Surgical Nursing-1			
Course Code	BSCN2003			
Prerequisite	KNOWLEDGE of anatomy, physiology and microbiology			
Corequisite	Anatomy physiology lab with models, charts, logbook, Group projects, Video film, Anatomy & Physiology Atlas			
Antirequisite	NA			
	L	T	P	C
	4	0	0	4

Course Objectives:

The purpose of this course is to acquire knowledge and develop proficiency in caring for patients with medical and surgical disorders in varieties of healthcare settings and at home.

Course Outcomes

CO1	Describe and appreciate the emerging trends in medical and surgical nursing conditions and role of nurse in caring the adult patient in hospital and community.
CO2	Demonstrate common signs and symptoms, problems of specific disease conditions and their specific nursing interventions.
CO3	Explain and identify etiology, pathophysiology, clinical manifestations, diagnostic measures, management and prevention of complications of adult patients suffering with various medical conditions.
CO4	Explain and identify etiology, pathophysiology, clinical manifestations, diagnostic measures, management and prevention of complications of adult patients suffering with various surgical conditions.
CO5	Explain and identify etiology, pathophysiology, clinical manifestations, diagnostic measures, management and prevention and control of communicable diseases in adult and elderly patients.
CO6	Describe and identify the organization, physical set up, instruments/ equipments used, infection control & standard safety measures taken by nurses while working in operation theatre, intensive care unit and coronary care unit and dialysis unit etc.

Text Book(s)

Smeltzer – Brunner & Suddarth Textbook of Medical Surgical Nursing, 2010, LWW
Black – Medical Surgical Nursing, 2009, Elsevier

Reference Book(s)

Lewis – Medical Surgical Nursing, 2008, Elsevier
Webber – Health assessment In Nursing, 2010, WK
Nettina – Lippincott manual of Nursing Practice, 2009, LWW
Carpenito – Nursing Care Plans & Documentation
Carpenito – Nursing Diagnosis, 2009, LWW

Unit-1 Introduction	15 hours
Introduction to medical surgical nursing	
Introduction to medical surgical nursing- Evolution and trends of medical and surgical nursing • Review of Concepts of Health and illness Disease-concepts, causations, classification-International Classification Diseases (ICD- 10 or later version), Acute illness Chronic illness & Terminal illness, stages of illness, Review of concepts of comprehensive nursing care in medical surgical conditions based on nursing process, Role of Nurse, patient and family in care of adult patient, Role and responsibilities of a nurse in medical surgical settings: Outpatient department.-In-patient unit, Intensive care unit. Home and Community settings Introduction to Medical Surgical asepsis Inflammation and Infection – Immunity Wound healing Care of Surgical Patient -Pre-operative Intraoperative-Post Operative	
Unit-2	15 hours
Common signs and symptoms and management <input type="checkbox"/>	
Fluid and electrolyte imbalance. Vomiting, Dyspnea and cough, Incontinence respiratory obstruction, Fever <input type="checkbox"/>	
Unconsciousness, Edema Syncope, Pain Age related problems-geriatric <input type="checkbox"/> Shock,	

Unit-320 hours
Nursing management of patients (adults including elderly) with respiratory problems Review of anatomy and physiology of respiratory system, • Nursing Assessment- History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of adults including elderly with – Upper Respirator' that infection Bronchitis Asthma Emphysema Empyema Atelectasis Chronic Obstructive Pulmonary Diseases (COPD) Bronchiectasis Pneumonia • Pulmonary tuberculosis • Lung abscess Pleural effusion Cysts and Tumours • Chest injuries Respiratory arrest and insufficiency Pulmonary embolism special therapies, alternative Therapies Nursing procedures Drugs used in treatment of respiratory disorders
Unit-430 hours
Nursing management of patient (adults including elderly) with disorders of digestive system Review of anatomy and physiology of digestive system • Nursing Assessment-History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management Disorders of Oral cavity- lips, gums, and teeth Oesophagus —inflammation? stricture, obstruction, bleeding and tumours Stomach and duodenum hiatal hernia, gastritis, peptic and duodenal ulcer, bleeding, tumours, pyloric stenosis Small intestinal disorders inflammation and infection, enteritis, malabsorption, obstruction, tumour and perforation Large intestinal disorders-Colitis, inflammation and infection, obstruction and tumour and lump Hernias Appendix- inflammation, mass, abscess, rupture Anal & Rectum; hemorrhoids, fissures, Fistulas • Peritonitis/acute abdomen Pancreas; inflammation, cyst, abscess and tumours Liver; inflammation, cyst, abscess, cirrhosis, portal hypertension, hepatic failure, tumours Gall Bladder; inflammation, obstruction, stones and tumours Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of digestive system
Unit-530 hours
Nursing management of patient (adults including elderly) with blood and cardiovascular problems Review of anatomy and physiology of blood and cardio vascular system, Nursing Assessment-History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of-Vascular system Hypertension, Hypotension - Arterio sclerosis Raynaud's disease Aneurism and Peripheral vascular disorders Heart Coronary artery diseases • Ischemic Heart Disease, Coronary atherosclerosis Angina pectoris Myocardial infarction Valvular disorders of the heart Congenital and acquired - Rheumatic Heart diseases Endocarditis, Pericarditis Myocarditis Cardio Myopathies Cardiac dysrhythmias, Heart Block Congestive cardiac failure Cor-pulmonale, pulmonary edema, cardiogenic shock, cardiac tamponade Cardiac emergencies and arrest Cardio Pulmonary Resuscitation (CPR) • Blood Anaemias Polycythemia Bleeding disorders; clotting factor defects and platelets defects Thalassemia Leukaemias Leukopenias and agranulocytosis Lymphomas Myelomas Special therapies Blood transfusion, safety checks, procedure and requirements, management of adverse transfusion reactions: , records for blood transfusion. Management and counseling of blood donors, phlebotomy procedure, and post donation management. Blood bank functioning and hospital transfusion committee. Bio-safety and waste management in relation to blood transfusion Role of a nurse in Org and donation, retrieval and banking Alternative therapies Nursing procedures Drugs used in treatment of blood and cardiovascular disorders
Unit-610 hours
Nursing management of patient (adults including elderly) with genito-urinary problems Review of anatomy and physiology of genito-urinary system Nursing Assessment-History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of- Nephritis Nephrotic syndrome • Nephrosis Renal calculus • Tumours Acute renal failure Chronic renal failure End stage renal disease Dialysis, renal transplant Congenital disorders, urinary infections Benign prostate hypertrophy. • Disorders of ureter, urinary bladder and urethra inflammation, infection, stricture, obstruction, tumour, prostate Special therapies, alternative therapies Nursing procedures Drugs used in treatment of genitourinary disorders
Unit-75 hours
Nursing Management of disorders of male (adults including elderly) reproductive system Review of anatomy and physiology of male reproductive system Nursing Assessment- History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, su rgical, dietetics & nursing management of disorders of male reproductive system Congenital malformations; Hypospadias A1 ospadiasis, Epispadiasis • Infections Testis and adjacent struc tures Penis Prostate: inflammation, infection, hypertrophy, tumour

SexualDysfunctionInfertilityContraceptionBreast;gynecomastia,tumour •ClimactericchangesSpecialtherapies,alternativetherapiesNursingproceduresDrugs usedintreatmentofdisordersofmalereproductivesystem.
Unit-810 hours
Nursingmanagementofpatient(adultsincludingelderly) withdisordersof endocrinesystem ReviewofanatomyandphysiologyofendocrinesystemNursingAssessment- HistoryandPhysicalassessmentEtiology,Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursingmanagement of- Disorders of Thyroid and Parathyroid Diabetes mellitus Diabetes insipidusAdrenal tumour Pituitarydisorders.Specialtherapies,alternative'therapiesNursingproceduresDrugsusedintreatmentofdisordersofendocrine system.
Unit-910 hours
Nursingmanagementofpatient(adultsincludingelderly)withdisordersofIntegumentarysystem Review of anatomy and physiology of Skin and its appendages Nursing Assessment-History and Physical assessmentEtiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics &nursingmanagement ofdisordersofskinanditsappendages– LesionsandabrasionsInfectionandinfestations;DermatitisDermatoses;infectmisandNoninfectious“inflammatorydermatoses” AcneVulgarisAllergiesandEczema•Psoriasis Malignantmelanoma•AlopeciaSpecialtherapies, alternativetherapiesNursingproceduresDrugsusedintreatmentofdisordersof Integumentarysystem.
Unit-1015hours
Nursingmanagementofpatient(adultsincludingelderly)withmusculoskeletalproblems Review of anatomy and physiology of musculoskeletal system, Nursing Assessment-History and Physical assessmentEtiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics &nursingmanagementof-Disorders of:Muscles,Ligaments andJoints-inflammation,infection,traumaBones- inflammation, infection, dislocation, fracture, tumour and trauma • Osteomalacia and osteoporosis Arthritis CongenitaldeformitiesSpinalcolumn-defectsanddeformities,Tumor, Prolapsedintervertebraldisc, pott'sspinePaget'sdisease AmputationProsthesisTransplant&replacementssurgeriesRehabilitation.Specialtherapies,alternativetherapiesNursingprocedur esDrugsusedintreatmentofdisordersofmusculoskeletalsystem.
Unit-1110hours
Nursingmanagementofpatient(adultsincludingelderly) withImmunologicalproblems Review of Immune system, Nursing Assessment-History and Physical assessment Etiology, Pathophysiology, clinicalmanifestations,diagnosis.treatmentmodalities and medical,surgical,dietetics &nursing managementof- Immunodeficiency disorder. • Primary immuno deficiency.Phagocytic dysfunction B-cell and T-cell deficiencies, Secondaryimmunodeficiencies Acquiredimmunodeficiencysyndrome(AIDS)IncidenceofHIV&AIDSEpidemiology Transmission-PreventionofTransmissionStandardSafetyprecautions•RoleofNurse; Counseling•Healtheducationandhome care consideration.National AIDS Control Program - NACO, various national and international agencies Infectioncontrolprogram• Rehabilitation.Specialtherapies,alternativetherapiesNursingproceduresDrugsusedin treatmentofdisordersofimmunologicalsystem.
Unit-1220hours
Nursingmanagementofpatient(adultsincludingelderly) withCommunicableDiseases Overview of infectious disease, the infectious process • Nursing Assessment-History and Physical assessmentEpidemiology, infectious process, clinical manifestations, diagnosis, treatment, prevention and dietics. Control anderadication of common Communicable Diseases Tuberculosis diarrhoeal diseases hepatitis A - E herpeschickenpox •smallpox, typhoid, meningitis,gas gangrene • leprosy.Dengue • Plague • Malaria Diptheria • Pertussis Poliomyelitis •Measles Mump Influenza • Tetanus Yellow fever • Filarias HIV, AIDS Reproductive Tract Infections • Special infectioncontrol measures: Notification, Isolation, Quarantine, Immunization, Infectious Disease Hospital Special therapies,alternativetherapiesNursingproceduresDrugsusedintreatmentofCommunicablediseases
Unit-1325hours
Perioperativenursing OrganizationandPhysicalsetupoftheOperationTheatre(OT):Classifications-O.T.DESIGN-Staffing -Members oftheOTteam.DutiesandresponsibilitiesofnurseinO.T.PrinciplesofHealthandoperatingroomattire.Instruments,Sutures andsuturematerials •EquipmentsO.T.tablesandsets forcommonsurgicalprocedures Positionsanddrapingforcommonsurgicalprocedures•Scrubbingprocedures •GowningandglovingPreparationofO.T.Sets• MonitoringthepatientduringsurgicalproceduresMaintenanceoftherapeutic environmentin O.T.StandardSafetyasuresInfectioncontrol;fumigation, disinfectionandsterilization

Biomedical waste management • Prevention of accidents and hazards in O.T Anaesthesia •
 Types Methods of administration Effects and Stages Equipments • Drugs Cardio Pulmonary Resuscitation (CPR)
 Pain management techniques • Legal Aspects

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTEI + MTEII)	End Term Test (ETE)	Total Marks
15	5+5	75	100

Name of The Course	Community Health Nursing -I			
Course Code	BSCN2004			
Prerequisite	10+2 PCB 55%,			
Corequisite	Community Health Nursing lab with charts, posters, logbook			
Antirequisite	NA			
	L	T	P	C
	3	0	0	3

Course Objectives:

This course is designed for students to appreciate the principles of prevention, promotion and maintenance of health for individuals, families and community that will help to identify communicable and non-communicable diseases and participate in family welfare programs at different community settings.

Course Outcomes

CO1	Describe concept, dimensions and determinants of health
CO2	Explain, concept, scope, uses, methods and approaches of epidemiology.
CO3	Elaborate epidemiology and nursing management of common communicable disease and role of nurse in prevention and control.
CO4	Describe epidemiology and nursing management of noncommunicable diseases.
CO5	Describe the concepts and scope of demography and identify the impact of population explosion and methods of population control

- Text Book(s) 1. Park - A Textbook of Social and Preventive Medicine, 2015, Banarsidas Bhanot
 2. Simrat - Community Health Nursing - For B.Sc Nursing students, 2013, Lotus

Reference Book (s) 1. Allender – Community Health Nursing, 2009, LWW Stanhope–Community Health Nursing, 2008, Elsevier
 Basvanthappa B T- Essentials of Community Health Nursing, 2011 , Jaypee Gulani-
 Community Health Nursing (principles and practice), 2012, Kumar

UNIT-1 INTRODUCTION	2 HRS
Community Health Nursing: Definition, concept and Dimensions of health, Promotion of health, Indicators of health, Maintenance of health	
UNIT-2 DETERMINANTS OF HEALTH	20 HRS
Eugenics, Environment, Acts regulating environment, Bacterial, Viral Agents, Arthropods and rodents, Food Hygiene and Acts regulating Food Hygiene, Drug cosmetic Act, Marriage system- custom, Taboos, Life Style, Dietary pattern, Financial Management	
UNIT-3 EPIDEMIOLOGY	10 HRS
Definition < concept, aims, scope, uses and terminology used in epidemiology, Dynamics of disease transmission, Epidemiological triad, Morbidity and mortality measurements, Levels of prevention, Methods of Epidemiology	
UNIT-4 EPIDEMIOLOGY AND NURSING MANAGEMENT OF COMMUNICABLE DISEASES 25 HRS	
Respiratory infections- Chicken pox, Measles, Rubella, Influenza, Mumps, Intestinal infections, Whooping cough, Tuberculosis, ARI with pneumonia, Meningococcal meningitis, Cholera, Poliomyelitis, Diarrhoeal Diseases, Typhoid fever, Food poisoning, Zoonoses, Arthropod infections, Dengue Malaria, Filariasis, Anthrax, Typhus fever, Scrub typhus, Murine typhus, Hookworm infection, Leishmaniasis, Ascariasis, Trachoma, Leprosy, Rabies, STD & RTI, HIV/AIDS	
UNIT-5 EPIDEMIOLOGY AND NURSING MANAGEMENT OF NON COMMUNICABLE DISEASES 10 HRS	
Malnutrition, Nutritional deficiencies, Anaemia, Hypertension, Diabetes Mellitus, Stroke, Rheumatic heart disease, Coronary heart disease, Blindness, accidents, Mental illness, obesity, Iodine deficiency, Epilepsy, Fluorosis, Cancer	
UNIT-6 DEMOGRAPHY	6 HRS
Definition, Concepts, Scope, Methods of Collection, Analysis and Interpretation of demographic data, Demographic rates and ratios.	
UNIT-7 POPULATION AND ITS CONTROL 17 HRS	
Population Explosion and its impact on social, economic development of individual, society and country, population control: overall development: women empowerment, social, economic and educational development, Limiting family size: Promotion of small family norm, Methods : spacing Natural, biological, chemical, mechanical methods, etc, Terminal: Surgical methods.	

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTEI + MTEII)	End Term Test (ETE)	Total Marks
15	5+5	75	100

Name of The Course	Communication & Educational Technology			
Course Code	BSCN2005			
Prerequisite	Knowledge regarding Importance and aspects of communication			
Corequisite	Demonstration, Group projects, Video film, charts			
Antirequisite	NA			
	L	T	P	C
	3	0	0	3

Course Objectives:

This course is designed to help the students acquire an understanding of the principles and methods of communication and teaching. It helps to develop skill in communicating effectively, maintaining effective interpersonal relations, teaching individuals and groups in clinical, community health and educational settings

Course Outcomes

CO1	Review & demonstrate communication process, interpersonal relations & human relations skills in context of nursing.
CO2	Develop basic skill of guidance and counseling process used in nursing
CO3	Describe philosophy, principles, teaching-learning process & various methods used in teaching in classroom, hospitals and community setting.
CO4	Demonstrate teaching skills using various teaching methods in clinical, classroom & community settings.
CO5	Demonstrate the preparation & use of different types of educational media in teaching effectively.
CO6	Demonstrate & develop various innovative assessment strategies to assess knowledge, skills and attitudes.
CO7	Prepare student to use & plan IEC activities by using various methods & media to educate individuals, groups & community at large.

Text Book(s) 1. Sankar Narayanan – Education & Communication Technology, 2007, Brainfill Young – Teaching Nursing, 2008, LWW
K.P Neeraja – Nursing Education, 2008, Jaypee

Reference Book (s) 1. Bosek – Ethical Component of Nursing Education ,

LWW Mariner – Teaching Nursing, 2008, Elsevier
Smith-The Legal, Professional and Ethical Dimensions of Higher Education, Kluwer
Keating – Curriculum Development Nursing, Wolters Kluwer.

Unit-1 REVIEW OF COMMUNICATION PROCESS	5 HRS
Process; elements and channel, Facilitators, Barriers and methods of overcoming Techniques	
Unit-2 INTERPERSONAL RELATIONS	5 HRS
Purpose & types, Phases, Barriers & methods of overcoming, Johari Window	
Unit-3 HUMAN RELATIONS	5 HRS
Understanding self, Social behavior, motivation, social attitudes, Individual and groups, Groups & individual, Human relations in context of nursing, Group dynamics, Teamwork	
UNIT-4 GUIDANCE & COUNSELING	10+5 HRS
Definition, Purpose, scope and need, Basic principles, Organization of counseling services, Types of counseling approaches, Role and preparation of counselor, Issues for counseling in nursing: students and practitioners, Counseling process — steps & techniques, tools of counselor, Managing disciplinary problems, Management of crisis & referral	
UNIT-5 PRINCIPLES OF EDUCATION & TEACHING LEARNING PROCESS	5 HRS
Education: meaning, philosophy, aims, functions & principles, Nature and Characteristics of learn, Principles and maxims of teaching, Formulating objectives; general and specific, Lesson planning, Classroom management.	
UNIT-6 METHODS OF TEACHING	10+10 HRS
Lecture, demonstration, group discussion, seminars symposium, panel discussion, role play, project, field trip, workshop, exhibition, programmed instruction, computer assisted learning, micro teaching problem based learning, Self-instructional module and simulation etc. Clinical teaching methods: Case method, nursing ground & reports, bedside clinic, conference (individual & group) process recording.	
UNIT-7 EDUCATIONAL MEDIA	10+8 HRS
Purposes and types of A.V. Aids, Principles & Sources etc., Graphic aids: chalk board, chart, graphs, posters, flashcards, flannel graph, bulletin, cartoon, 3D dimensional Aids: Objects, Specimens, Models, Puppets, Printed Aids: Pamphlets & leaflets. Projected Aids: Slides, OHP, Films, TV, VCR/ VCD, Camera, Microscope, LCD. Audio Aids: Tape recorder, public address system. Computer.	
UNIT-8 ASSESSMENT	5+7 HRS
Purpose and scope of evaluation and assessment, Criteria for selection of assessment, techniques and methods, Assessment of knowledge: Essay type questions, Short answer questions (SAQ). Multiple Choice Questions (MCQ). Assessment of skills: Observation Check List, Practical Exam, Viva, Objective Structured clinical examination (OSCE) Assessment of attitude: Attitude scales.	

UNIT-9INFORMATION,EDUCATION&COMMUNICATIONFORHEALTH(IEC)5HRS
Healthbehavior&healtheducation, Planningfor healtheducation, Healtheducationwithindividuals, groups&communities,Communicatinghealthmessages,Methods&mediaforcommunicatinghealthmessages,Usingmassmedia

ContinuousAssessmentPattern

InternalAssessment(IA)	Mid Term Test(MTEI +MTEII)	EndTermTest(ETE)	TotalMarks
15	10	75	100

Name of The Course	Medical Surgical Nursing-1			
Course Code	BSCN2006			
Prerequisite	Basic Nursing procedures			
Corequisite	Med Surg lab with models, charts, logbook, procedure manual, Practice sessions, Videofilm, Group projects			
Antirequisite	Na			
	L	T	P	C
	0	0	15	15

Course Objectives:

This course is designed to help the students to develop and understanding of the philosophy, objectives, theories and process of nursing in various clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in clinical settings.

Course Outcomes

CO1	Develop skills in providing nursing care to adult patients with medical and surgical conditions concerning all systems of human body and prepare them for home care.
CO2	Identify instruments and equipments used for common surgical and medical procedures in the wards, operation theatre and critical care units.
CO3	Develop skills in advanced nursing procedures to practice in all medical and surgical conditions including emergencies and critical care settings.
CO4	Develop skills in infection control practices and biomedical waste management to prevent nosocomial infection in the hospital and community settings.

Text Book(s)

Smeltzer – Brunner & Suddarth Textbook of Medical Surgical Nursing, 2010, LWW
 Black – Medical Surgical Nursing, 2009, Elsevier
 Jacob – Clinical Nursing Skills & Procedures, 2008, Jaypee
 LWW – Lippincott's Nursing Procedure, 2008, LWW

Reference Book(s)

Lewis – Medical Surgical Nursing, 2008, Elsevier
 Webber – Health assessment In Nursing, 2010, WK
 Nettina – Lippincott manual of Nursing Practice, 2009, LWW
 Carpenito – Nursing Care Plans & Documentation
 Carpenito – Nursing Diagnosis, 2009, LWW
 Taylor – Fundamentals of Nursing, 2007, LWW
 Kozier – Fundamentals of Nursing, 2007, Pearson
 Potter – Basic Nursing, 2008, Elsevier
 Lynn – Taylor's Clinical Nursing Skills, 2008, LWW

Unit-1 Introduction	180 hours
General Medical Ward (Respiratory, Endocrine, Renal,)	
Assessment of the Patient Taking history Perform general and specific physical examination. Identify alterations and deviations • Practice medical surgical asepsis - Standards safety measures Administer medications Oral, IV, IM, Subcutaneous • IV therapy IV cannulation Maintenance and monitoring Oxygen therapy by different methods • Nebulization Chest physiotherapy Nasogastric feeding Assist in common diagnostic Perform Assist in therapeutic procedures Blood and component therapy Throat Suctioning Collect specimens for common investigations. Maintain elimination Caricaturisation Bowel wash Enema Urinary drainage Maintain Intake, output and documentation Counsel and teach related to specific disease conditions	
Unit-2	180 hours
General Surgical Ward (GI, Urinary, CTVS)	
Practice medical surgical asepsis - Standards safety measures • Preoperative preparation of patients Postoperative care - Receiving Pt, assessment, monitoring, care, Care of wounds and drainage Suture removal Ambulation and exercise Nasogastric aspiration Care of chest drainage Ostomy care Gastrostomy Colostomy Enterostomy Blood and component therapy Practice universal precautions	
Unit-3	150 hours
Cardiology ward	
Physical examination of the cardiovascular system Recording and interpreting ECG Monitoring of patients Preparation and assisting in non-invasive and invasive diagnostic procedures. Administer cardiac drugs Cardiopulmonary Resuscitation	
Unit-4	30 hours
Skin & Communicable disease Ward	
Assist in diagnostic and therapeutic procedures Administer topical medication Practice medical surgical asepsis - Standards safety measures Use of personal protective equipment (PPE) Give Medicated baths Counseling HIV positive patients Teach prevention of infectious disease	
Unit-5	80 hours
Orthopaedic	
Assessment of orthopaedic patients Assist in application of plaster cast and removal of cast Apply skin traction - buck's extension traction. Assist in application and removal of prosthesis Physiotherapy - Range of motion exercises (ROM), muscle strengthening exercises Crutch maneuvering technique. Activities of daily living Ambulation Teach and counsel patients and families	
Unit-6	70 hours
Operation theatre	
Scrubbing, gowning, gloving Identify instruments, suturing materials for common operations Disinfection, Carbolicization, fumigation Preparation of instrument sets for common operations Sterilization of sharps and other instruments Prepare the OT table depending upon the operation Positioning and monitoring of patients Endotracheal intubation Assisting in minor and major operations. Handling specimens Disposal of waste as per the guidelines	
Unit-7	5 hours
ICU, CCU, CARDIAC OT.	
Assist in arterial puncture for blood gas analysis. Perform ECG and interpret accordingly. Conduct and analysis pulse oximetry. Care with artificial airway. Assist in endotracheal intubation. Setting up ventilator, Giving care in ventilator.	

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE1+MTE2)	End Term Test (ETE)	Total Marks
100	NA	100	200

Name of The Course	Community Health Nursing – I Practical			
Course Code	BSCN2007			
Prerequisite	10+2 PCB 55%			
Corequisite	Community Health Nursing lab with charts, posters, logbook			
Antirequisite	NA			
	L	T	P	C
	0	0	3	3

Course Objectives:

This practical experience is designed for students to apply the principles of prevention, promotion and maintenance of health by educating individuals, families and community. This practical exposure will also provide students a base to participate in different health clinics and practice primary health care at primary health centre and in community setting.

Course Outcomes

CO1	Build and maintain rapport with the health care team in the community
CO2	Identify demographic characteristics, health determinants and community health resources.
CO3	Diagnose health needs of individuals, families and community by conducting survey and plan health care activities.
CO4	Provide primary health care in primary health centers, subcenters and MCH centers and community hospitals and also educate people about the healthy lifestyle for health promotions.

Text Book(s) 1. Park - A Textbook of Social and Preventive Medicine, 2015, Banarsidas Bhanot Simrat-Community Health Nursing – I for B.Sc Nursing students, 2013, Lotus Sunil & Ramendra. Clinical case record for Community Health Nursing, 2015, Kumar Vijay. Cumulative Record of Clinical/Practical Experiences for Basic B.Sc. Nursing (As per the New Syllabus of Indian Nursing Council), 2012, Kumar

Reference Book (s) 1. Allender – Community Health Nursing, 2009, LWW Stanhope – Community Health Nursing, 2008, Elsevier Basvanthappa B T- Essentials of Community Health Nursing, 2011, Jaypee Gulani- Community Health Nursing (principles and practice), 2012, Kumar Suresh. Community Nursing Procedure Manual, 2016, CBC

Unit-1 Community Health posting/Primary Health Centre	135 HRS
Community Health Nursing Introduction- Use Techniques of IPR Health Determinants History taking Physical Examination Sample collection Performing lab tests Administer vaccines and medications to adults Counsel and teach individual, family and community	

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE)	End Term Test (ETE)	Total Marks
NA	NA	NA	NA

Programme: Certificate		
Co-Curricular Course		
Course Code: ZOZO40401	Course Title: Physical Education and Yoga	
<p>Course outcomes:</p> <p>Course Outcomes: CO1: After completion of this course, students will Apply knowledge of physical education, growth and development, play, sports and games knowledge, history of physical education and yoga to explain aim and objectives of physical education.</p> <p>CO2: Use an understanding of history of yoga, a stanga yoga to effectively know about yoga in everyday life, further study in physical</p>		
Credits: 2	Compulsory	
Max. Marks: 25+75	Min. Passing Marks:	
Total No. of Lectures - Tutorials - Practical (in hours per week): L-T-P: 2-0-0		
Unit	Topics	No. of Lectures Total=30
I	<p>Physical Education:</p> <ul style="list-style-type: none"> • Meaning, Definition, Aim and Objective. • Misconception About Physical Education. • Need, Importance and Scope of Physical Education in the Modern Society. • Physical Education Relationship with General Education. • Physical Education in India before Independence. Physical Education in India after Independence. 	6 Theory

II	<p>Concept of Fitness and Wellness:</p> <ul style="list-style-type: none"> • Meaning, Definition and Importance of Fitness and Wellness. • Components of Fitness. • Factor Affecting Fitness and Wellness. <p>Weight Management:</p> <ul style="list-style-type: none"> • Meaning and Definition of Obesity. • Causes of Obesity. • Management of Obesity. • Health problems due to Obesity. <p>Lifestyle:</p> <ul style="list-style-type: none"> • Meaning, Definition, Importance of Lifestyle. • Factor affecting Lifestyle. • Role of Physical activity in the maintenance of Healthy Lifestyle. 	5 Theory 3 Practical
III	<p>Yoga and Meditation:</p> <ul style="list-style-type: none"> • Historical aspect of yoga. • Definition, types, scope & importance of yoga. • Yoga relation with mental health and value education. • Yoga relation with Physical Education and sports. • Definition of Asana, differences between asana and physical exercise. • Definition and classification of pranayama. • Difference between pranayama and deep breathing. • Practical: Asana, Surya-Namaskar, Bhujang Asana, Naukasana, Halasana, Vajrasana, Padmasana, Shavasana, Makrasana, Dhanurasana, Tad Asana. Pranayama: Anulom, Vilom. 	2 Theory 6 Practical
IV	<p>Traditional Games of India:</p> <ul style="list-style-type: none"> • Meaning. • Types of Traditional Games- <ul style="list-style-type: none"> • Gilli-Danda • Kanche • Stapu • Gutte, etc. • Importance/Benefits of Traditional Games. • How to Design Traditional Games. <p>Recreation in Physical Education:</p> <ul style="list-style-type: none"> • Meaning, Definition of Recreation. • Scope and Importance of Recreation. • General Principles of Recreation. • Types of Recreational Activities. • Aerobics and Zumba. (Fit India Movement) 	2 Theory 6 Practical

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Exam (MTE)	End Term Exam (ETE)	Total Marks
NA	NA	NA	NA

Name of The Course	CO-CURRICULUM ACTIVITIES				
Course Code	BSCN2008				
Prerequisite	10+2 with PCB 55%				
Co-requisite	Books				
Anti-requisite	NA				
	L	T	P	C	
	0	3.5	0	3.5	

Course Objectives

This course is designed to motivate the student to build strength by participating in different activities.

CO1	Identify and address the needs of community collaboratively to facilitate positive social change.
CO2	Analyse and understand the complex interconnections between local and Global communities.
CO3	Articulate ideas in various formats including oral, written, nonverbal, visual and electronics.

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Exam (MTE)	End Term Exam (ETE)	Total Marks
NA	NA	NA	NA

Name of The Course	LIBRARY/SELF STUDY				
Course Code	BSCN2009				
Prerequisite	10+2 with PCB 55%				
Co-requisite	Books				
Anti-requisite	NA				
	L	T	P	C	
	0	3.5	0	3.5	

Course Objective

This course is designed to prepare and motivate the student to acquire learning and self-instruction during their free time.

Course Outcomes

CO1	Promote literacy and disseminate useful daily information to the people and encourage lifelong learning through reading materials and resources.
CO2	Provide opportunities ensuring freedom and equal access to information to all members of the community, to educate and enlighten them
CO3	Identify keywords, synonyms and related terms in order to flexibly search information resources.

--

ContinuousAssessmentPattern

InternalAssessment(IA)	Mid Term Exam(MTE)	End Term Exam(ETE)	TotalMarks
NA	NA	NA	NA

BSC NURSING3RDYR

Name of TheCourse	Medicalandsurgicalnursingii			
CourseCode	BSCN3001			
Prerequisite	KnowledgeregardingMSN-I			
Corequisite	MedSurglabwith models,charts,logbook,proceduremanual			
Antirequisite	NA			
	L	T	P	C
	4	0	0	4

CourseObjectives:

Toenablestudentsgainknowledgetiology, clinicalmanifestationsformanagingpatientwitheyeandENTdisorders.Toenablestudentstounderstandneurologicaldisorders andtheirmanagement.

To enable students to understand the concept of female reproductive system & concepts of reproductive health and family welfareprogrammeandmanagepatientswithdisordersof reproductivesystem.

ToenablestudentstoprovidenursingcareofpatientswithBurns,reconstructivesurgeriesandvarioustypesofmalignancies&variousgeriatric conditions.

Toenablestudentstohelppatientsin emergency,criticalcareunits anddisastersituations.

Toenablestudentstoapplyknowledge ofmedicalsurgicalusinginprovidingpatientcareinthehospitalandcommunitysettingswithalltheconditions.

CourseOutcomes

CO1	Explain and identify etiology, pathophysiology, clinical manifestations, diagnostic measures,managementandpreventionofcomplicationsofadultpatientsufferingwithvariousmedicaldiseaseconditions
CO2	Explain and identify etiology, pathophysiology, clinical manifestations, diagnostic measures,managementandpreventionofcomplicationsofadultpatientsufferingwithvariousurgicalconditions
CO3	Describe and identify the concepts, needs, problems (physical, social, economical,psychological,andspiritual)ofelderlyandrole ofnurseandsocietyintakingcareofelderlypatient.

CO4	Describe the role of nurse in disaster management and management of common emergency conditions in hospital and community settings.
CO5	Demonstrate the organization set up of critical care unit and role of nurse in managing critically ill patients
CO6	Describe and identify the occupational and industrial health problems of workers and role of nurse in managing these disease conditions.

Text Book(s)

Smeltzer – Brunner & Suddarth Textbook of Medical Surgical Nursing, 2010, LWW Black – Medical Surgical Nursing, 2009, Elsevier

Reference Book(s)

Lewis – Medical Surgical

Nursing, 2008, Elsevier Webber –

Health assessment In Nursing, 2010, WK

Nettina – Lippincott manual of Nursing Practice, 2009, LWW

Carpenito – Nursing Care Plans & Documentation Carpenito – Nursing Diagnosis, 2009, LWW

Unit-1 Nursing management of Patient with disorders of Ear Nose and Throat	15 HOURS
--	----------

Review of anatomy and physiology of the Ear Nose and Throat, Nursing Assessment-History and Physical assessment, Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of Ear Nose and Throat disorders: External ear: deformities otalgia, foreign bodies, and tumors Middle Ear- Impacted wax, Tympanic membrane perforation, otitis media, otosclerosis, mastoiditis, tumours, Inner ear- Meniere's Disease, labyrinthitis, ototoxicity, tumors, Upper airway infections— Common cold, sinusitis, ethinitis, rhinitis, pharyngitis, tonsillitis and adenoiditis, peritonsillar abscess, laryngitis Upper respiratory airway — epistaxis, Nasal obstruction, laryngeal, obstruction, cancer of the larynx-Cancer of the oral cavity, Speech defects and speech therapy, Deafness -Prevention, control and rehabilitation Hearing Aids, implanted hearing devices Special therapies nursing procedures Drugs used in treatment of disorders of Ear Nose and Throat Role of nurse Communicating with hearing impaired and muteness.

Unit-2 Nursing management of patient with eye disorders	15 HOURS
---	----------

Review of anatomy and physiology of the eye-Nursing Assessment-History and Physical assessment, Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities, medical & surgical management of eye disorders, Refractive errors, Eyelids-infection, tumours and deformities, Conjunctiva- inflammation and infection, bleeding, Cornea- inflammation and infection, Lens-Cataracts, Glaucoma, Disorder of the urinary tract, Ocular tumours, Disorders of posterior chamber and retina: Retinal and vitreous problems, Retinal detachment, Ocular emergencies and their prevention Blindness National blindness control. Program Eye Banking, Eye prostheses and Rehabilitation Role of a nurse Communication with visually impaired Patient, Eye camps Special therapies Nursing procedures Drugs used in treatment of

disorders of eye.

Unit-3 Nursing management of patient with neurological disorder

16 HOURS

Review of anatomy and physiology of the neurological system: Nursing Assessment-History and Physical and neurological assessment and Glasgow coma scale • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of neurological disorders, Congenital malformations, Headache Head Injuries Spinal Injuries: Paraplegia Hemiplegia, Quadraplegia, Spinal cord compression herniation of intervertebral disc, Tumors of the brain & spinal cord Intra cranial and cerebral aneurysms
Infections: Meningitis, Encephalitis, Brain abscess, neurocysticercosis, Movement disorders: Chorea Seizures, Epilepsies Cerebro Vascular Accidents (CVA) Cranial, Spinal Neuropathies — Bell's palsy, trigeminal neuralgia, Peripheral Neuropathies; Guillain Barré Syndrome Myasthenia gravis Multiple sclerosis Degenerative diseases Delirium, Dementia Alzheimer's disease - Parkinson's disease, Management of unconscious, patients and patients with stroke • Role of the nurse in communicating with patient having neurological deficit, Rehabilitation of patients with neurological deficit, Role of nurse in long stay facility (institutions) and at home Special therapies Nursing procedures Drugs used in treatment of neurological disorders.

Unit-4 Nursing management of patients with disorders of female reproductive system 16 HOURS

Review of anatomy and physiology of the female reproductive system Nursing Assessment-History and Physical assessment Breast Self Examination Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management disorder of female reproductive system Congenital abnormalities of female reproductive system, Sexuality and Reproductive Health Sexual Health Assessment Menstrual Disorders; Dysmenorrhea, Amenorrhea, Premenstrual Syndrome Abnormal Uterine Bleeding; Menorrhagia, Metrorrhagia Pelvic Inflammatory Disease-Ovarian and fallopian tube disorders; infections, cysts, tumours Uterine and cervical disorders; Endometriosis, polyps, Fibroids, Cervical and uterine tumours, uterine displacement, Cystocele/Urethrocele/Rectocele Vaginal disorders; Infections and Discharges, Fistulas, Vulvar disorders; Infections, cysts, tumours Diseases of breasts; Deformities, Infections, Cysts and Tumours, Menopause and Hormonal Replacement Therapy • Infertility, Contraception; Types Methods, Risk and effectiveness Spacing Methods, Barrier methods, Intra Uterine Devices, Hormonal, Post Conceptional Methods, Terminal methods, Sterilization, Emergency Contraception methods • Abortion - Natural, Medical and surgical abortion -MTP Act, Toxic Shock Syndrome, Injuries and Trauma; Sexual violence, Special therapies Nursing procedures Drugs used in treatment of gynaecological disorders, National family welfare programme etc.

Unit-5 Nursing management of patients with Burns, reconstructive and cosmetic surgery 10 HOURS

Review of anatomy and physiology of the skin and connective tissues and various deformities, Nursing Assessment-History and Physical assessment and Assessment of burns and fluid and electrolyte loss, Etiology, Classification, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of Burns and Re-constructive and Cosmetic surgery; Types of Re-constructive and Cosmetic surgery; for burns, congenital deformities, injuries and cosmetic purposes Role of Nurse Legal aspects Rehabilitation Special therapies Psycho social aspects of nursing aspects Nursing procedures, Drugs used in treatment of Burns reconstructive and cosmetic surgery

UNIT-6 Nursing management of patients with oncological conditions 10 HOURS

Structure & characteristics of normal & cancer cells Nursing Assessment-History and Physical assessment Prevention, Screening, Early detection, Warning signs of cancer • Epidemiology, Etiology, Classification, Pathophysiology, Staging, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of oncological conditions, Common malignancies of various body systems; Oral, larynx, lung, Stomach and Colon, Liver, Leukemias and lymphomas, Breast, Cervix, Ovary, Uterus, Sarcoma, Brain, Renal, Bladder, Prostate etc Oncological emergencies, Modalities of treatment Immunotherapy, Chemotherapy Radiotherapy, Surgical Interventions Stem cell and Bone marrow transplants Gene therapy Other forms of treatment, Psychosocial aspects of cancer. • Rehabilitation, Palliative care Symptom and Pain Management, Nutritional support, Home care, Hospice care Stoma Therapy, Special therapies Psycho social aspects • Nursing procedures

UNIT-7 Nursing management of patient in EMERGENCY & DISASTER situations Disaster Nursing 10 HOURS

Concepts and principles of Disaster Nursing: Causes and Types of Disaster: Natural and Man-made Earthquakes, Floods, Epidemics, Cyclones, Fire, Explosion, Accidents Violence, Terrorism; bio-chemical, War Policies related to emergency/disaster management; International, national, state, institutional Disaster preparedness: Team, Guidelines, protocols, Equipments, Resources Coordination and involvement of; Community, various govt. departments, non-Government. organizations and International agencies Role of nurse: working Legal Aspects of Disaster Nursing Impact on Health and after effects; Post Traumatic Stress Disorder Rehabilitation; physical, psychosocial, Financial, Relocation, Emergency Nursing Concept, priorities, principles and Scope of emergency nursing Organization of emergency services: physical setup, staffing, equipment and supplies, protocols, Concepts of triage and role of triage nurse Coordination and involvement of different departments and facilities Nursing Assessment-History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of patient with medical and surgical Emergency Principles of emergency management Common Emergencies; Respiratory Emergencies Cardiac Emergencies Shock and Hemorrhage Pain Poly-Trauma, road accidents, crush injuries, wound Bites Poisoning; Food, Gas, Drugs & chemical poisoning Seizures Thermal Emergencies; Heat stroke & Cold injuries Pediatric Emergencies Psychiatric Emergencies Obstetrical Emergencies Violence, Abuse, Sexual assault Cardio Pulmonary Resuscitation Crisis Intervention, Role of the nurse; Communication and Inter Personal Relations, Medico-Legal Aspects,

UNIT-8 Nursing care of the elderly 10 HOURS

Nursing Assessment-History and Physical assessment Aging; Demography; Myths and realities • Concepts and theories of aging Cognitive Aspects of Aging Normal biological aging Age related body systems changes Psychosocial Aspects of Aging Medications and elderly Stress & coping in older adults Common Health Problems & Nursing Management; Cardiovascular, Respiratory, Musculoskeletal, Endocrine, genito-urinary, gastrointestinal Neurological, Skin and other Sensory organs Psychosocial and Sexual c Abuse of elderly, Role of nurse for care of elderly: ambulation, nutritional, communicational, psychosocial and spiritual, Role of nurse for caregivers of elderly Role of family and formal and non-formal caregivers Use of aids and prosthesis (hearing aids, dentures, Legal & Ethical Issues Provisions and Programmes for elderly; privileges, Community Programs and health services; Home and institutional care.

UNIT-9 Nursing management of patient in critical care units 10 HOURS

Nursing Assessment-History and Physical assessment Classification, Principles of critical care nursing • Organization; Physical setup, Policies, staffing norms, Protocols, equipment and supplies • Special equipments; ventilators, cardiac monitors, defibrillator, Resuscitation equipments, Infection Control Protocols, Nursing management of critically ill patient; Monitoring of critically ill patient CPR-Advance Cardiac Life support Treatments and procedures. Transitional care, Ethical and Legal Aspects Communication with patient and family Intensive care records Crisis Intervention Death and Dying-coping with Drugs used in critical care unit

UNIT-10 Nursing management of patients adults including elderly with Occupational and Industrial Disorders

8

HOURS

Nursing Assessment- History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diagnosis, diagnosis, treatment modalities and medical & surgical nursing management of occupational and industrial health disorders Role of nurse Special therapies, alternative therapies Nursing procedures Drugs used in treatment of Occupational and Industrial disorders

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE1+MTE2)	End Term Test (ETE)	Total Marks
15	05+05=10	75	100

Name of TheCourse	ChildhealthNursing			
CourseCode	BSCN3002			
Prerequisite	10+2withPCB55%			
Corequisite	Maternal&ChildHealthNursinglabwithcharts,posters,logbook			
Antirequisite	NA			
	L	T	P	C
	3	0	0	3

CourseObjectives:

Toenablestudentstolearnthemodernconcept ofchildcare,itsprinciplesnationalpolicies,programs.

Toenablestudentstoidentifytheneedsofchildrenat different ages,monitorgrowth&developmentofchildrenat different agesandappreciate role ofnurse.

Toapplyknowledgeinprovidingcareto normalandhighriskneonates,performneonatalresuscitationand managecommonneonatalproblems.

Toenablestudents toacquireknowledgeofnursing managementofcommonchildhood disordersandbehaviouralandsocialproblemsinchildren.

CourseOutcomes

CO1	Describethelatesttrendsandchallengesinchildhealthcare.
CO2	Identifygrowthanddevelopment,nutritionalandpsychologicalneedsofchildrenat different agegroupsandappreciatethepreventive measurebetakenconcerningchildrelatedillness.
CO3	Identifyanddifferentiatebetweennormalandsick neonates andprovidenursingcareasperthemoduleofIMNCI asprovidedbyINC.
CO4	Identifyanddemonstratepromotive, preventive,curativeandrehabilitativemeasuresforchildhooddiseaseandproblems.
CO5	Identifyand manageachildwithbehavioralandsocialproblems ,educateandcounselparents andmaketimelyreferralforchildwelfareservices.

TextBook(s)

Parul Dutta–Pediatric Nursing, 2014, Jaypee
 Marlow– Textbook of Pediatric Nursing, 1996, Elsevier.

Reference Book(s)

Kyle–Essentials of Pediatric Nursing, 2009, LWW.
 Rimple Sharma–Essentials of Pediatric Nursing, 2013, Jaypee.
 Hockenberry–Essentials of Pediatric Nursing, 2008, Elsevier.
 Potts–Pediatric Nursing, 2007, Thomson Learning.

Unit-1 Introduction Modern concepts of childcare	15 hours
<p>Internationally accepted rights of the Child, National policy and legislation in relation to child health and welfare, National programmes related to child health and welfare, Agencies related to welfare services to the children, Changing trends in hospital care, preventive, promotive and curative aspects of child health, Child morbidity and mortality rates, Differences between an adult and child, Hospital environment for a sick child Impact of hospitalization on the child and family, Grief and bereavement, The role of a Child health nurse in caring for a hospitalized child, Principles of pre and postoperative care of infants and children, Child health nursing procedures.</p>	
Unit-2 The healthy child	20 Hrs
<p>Principles of growth and development, Factors affecting growth & development, growth and development from birth to adolescence, the needs of normal children through the stages of development and parental guidance, nutritional needs of children & infants: breast feeding, exclusive breast feeding supplementary/artificial feeding and weaning, baby friendly hospital concept, accidents: causes and prevention, value of play and selection of play material, preventive immunization programme and cold chain, preventive pediatrics, care of under-five & under-five clinics/well baby clinics</p>	
Unit-3 Nursing care of a neonate	15 HRS
<p>Nursing care of a normal new-born/ Essential new-born care, Neonatal resuscitation, nursing management of low birth weight baby, kangaroo mother care, Nursing management of a low birth baby, nursing management of common neonatal disorders, organization of neonatal unit, Identification & nursing management of common congenital malformations.</p>	
Unit-4 Integrated management of neonatal and childhood illnesses (IMNCI)	10 HRS
<p>Integrated management of neonatal and childhood illnesses (IMNCI)</p>	

Unit-5 Nursing management in common childhood diseases	20hrs
<p>Nutritional deficiency disorders, respiratory disorders and infections, gastrointestinal infections, infestations and congenital defects and rheumatic fever, rheumatic heart disease, genitor- urinary disorders; acute glomerulonephritis, nephrotic syndrome, wilms' tumour, infection & congenital disorders, neurological infections & disorders; convulsions, epilepsy, meningitis, hydrocephalus, spina-bifida, haematological disorders, anaemias, thalassemia, ITP, leukemia, haemophilia, endocrine disorders, juvenile diabetes mellitus, orthopedic disorders: club feet, hip dislocation and fracture, disorders of skin, eye, and ears, common communicable diseases in children, their identification, nursing management in hospital, home and pre-evention, Child health emergencies: poisoning, foreign bodies, haemorrhage, burns and drowning, nursing care of infant and children with HIV/AIDS</p>	
Unit 6- Management of behavioural & social problems in children	10hrs
<p>Management of common behavioural disorders, management of common psychiatric problems, management of challenged children: mentally, physically & socially challenged, welfare services for challenged children in India, child guidance clinics</p>	

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE1+MTE2)	End Term Test (ETE)	Total Marks
15	05+05	75	100

Name of TheCourse	MentalhealthNursing			
CourseCode	BSCN3003			
Prerequisite	Knowledgeregardingpsychology			
Corequisite	MentalHealth(Psychiatric)Nursingwith, Power point,charts,logbook,			
Antirequisite	NA			
	L	T	P	C
	3	0	0	3

CourseObjectives:

To enable students to acquire knowledge of concepts, Historical trends dimensions, Principles and determinates of Mental HealthNursing

Toenablestudenttodefinevarious

termsandclassificationusedinMentalHealthNursingToexplainStudentabouttheandpsychodyn

amicsofmaladaptivebehaviour

TomakeStudent

Learnaboutnature,purposeandprocessofassessmentofmentalhealthstatusExaminationToenablestudenttolearnand definevarioustherapeutic communicationtechnique

ToexplainStudent abouttreatmentmodalitiesandtherapiesusedinmentaldisordersandroleofthenurse

ToenableStudentstodescribetheetiology, psychopathology, clinicalmanifestations, diagnosticcriteria andmanagementofpatientswithSchizophreniaandotherpsychoticdisorders

Toenablestudenttolearndscribetheetiology,psycho-

pathology,clinicalmanifestations,diagnosticcriteriaandmanagementofmoordisorder

ToEnablestudent todescribetheetiology, psycho-pathology, clinical manifestations, diagnosticcriteriaandmanagement ofpatientswithneurotic, stressrelatedandsomatizationdisorders

Tomakestudent acquirelearningaboutindetails ofSubstanceabuse,Eating,Sexualandpersonalitydisorder

Toenablestudent toacquirebriefknowledgeofChildhoodandAdolescent disorders includingmental deficiency

To make student aware about identification of psychiatric emergencies, Legal aspects (Various laws) and Community mental health nursing

Course Outcomes

CO1	Describe historical development, latest trends, epidemiology, scope, legal & ethical issues in psychiatric nursing & role of nurse in caring for mentally ill patients in the hospital and community setting.
CO2	Define various terms used in mental health nursing and describe principles, classification, etiological factors, psychopathology, conceptual models and standards of mental health nursing practice.
CO3	Differentiate between neurotic and psychotic mental and organic brain syndrome & describe the etiology, psychopathology, signs and symptoms, medical management of all psychotic and neurotic disorder and Mood disorder..
CO4	Assess mental health status of mentally ill patient and provide nursing care based on the status
CO5	Identify therapeutic communication techniques, nurse-patient relationship and provide therapeutic intervention and treatment modalities for mental disorders
CO6	Identify psychiatric emergencies and role of nurse in crisis intervention management referral with hospital and community center
CO7	Explain treatment modalities and therapies used in mental disorders and role of the nurse
CO8	Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with substance use disorders.
CO9	Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of childhood and adolescent disorders including mental deficiency
CO10	Describe the model of preventive psychiatry, Legal psychiatry and community mental health services and role of nurse.

Text Book(s)

Townsend – Psychiatric Mental Health Nursing, 2007. F.A. Davis Stuart – Principles & Practice of Psychiatric Nursing, 2008, Elsevier

Reference Book(s)

Sreevani–PsychiatricMentalHealthNursing,2008,Jaypee

Shives –

BasicConceptsinPsychiatricMentalHealthNursing,2007,LWWKPNeeraja,MentalHealthNursing,2006Potts

Kappor Bimla, MentalHealthNursing, 2006

Unit-1 Introduction	5hours
PerspectivesofMentalHealthandMentalHealthnursing:evolutionofmentalhealthservices,treatmentsandnursingpractices. •Prevalenceandincidenceofmentalhealthproblemsanddisorders. MentalHealthAct NationalMentalhealthpolicyvisavisNationalHealthPolicy•NationalMentalHealthprogrammeMentalhealthteam Natureandscopeofmentalhealthnursing Roleandfunctionsofmentalhealth nursein various settingsandfactors affectingthelevelofnursingpracticeConceptsofnormalandabnormalbehaviour	
Unit 2-PrinciplesandConcepts ofMentalHealthNursing	5hours
Definition:mentalhealthnursingandterminologyusedClassificationof mentaldisorders:ICD Review of personalitydevelopment,defense mechanisms Maladaptivebehaviourof individualsandgroups:stress, crisisanddisaster(s) Etiology:bio-psycho-socialfactors Psychopathologyofmentaldisorders:review ofstructureandfunctionofbrain,limbic system and abnormal neuro transmission Principles of Mental health Nursing Standards of Mental healthNursingpractice Conceptual models andtheroleofnurse:•Existential ModelPsycho-analyticalmodels BehaviouralmodelInterpersonal model	
Unit-3Assessment ofmental healthstatus	08HRS
Historytaking MentalstatusexaminationMini mentalstatusexaminationNeuro logical examination: ReviewInvestigations:RelatedBlood chemistry,EEG,CT&MRI•Psychologicaltests Roleandresponsibilitiesofnurse	

Unit-4 Therapeutic communication and nurse-patient relationship	06 HRS
<p>Therapeutic communication: Types, techniques, characteristics Types of relationship, Ethics and responsibilities Elements of nurse patient contract Review of technique of IPR-Johari Window Goals, phases, tasks, therapeutic techniques Therapeutic impasse and its</p>	
Unit-5 Treatment modalities and therapies used in mental disorders	14hrs
<p>Psycho Pharmacology Psychological therapies: Therapeutic community, psycho therapy-Individual: psycho-analytical, cognitive and supportive, Family, Group, Behavioural, Play, Psycho-drama, Music, Dance, Recreational and Light therapy, Relaxation therapies: Yoga, Meditation, biofeedback Alternative systems of medicine Occupational therapy • Physical Therapy: electroconvulsive therapy • Geriatric considerations Role of nurse in above therapies</p>	
Unit 6- Nursing management of patient with Schizophrenia, and other psychotic disorders	05hrs
<p>Classification: ICD Etiology, psycho-pathology, types, clinical manifestations, diagnosis Nursing Assessment- History, Physical and mental assessment Treatment modalities and nursing management of patients with Schizophrenia and other psychotic disorders Geriatric considerations Follow-up and home care and Rehabilitation</p>	
Unit 7- Nursing management of patient with mood disorders	05hrs
<p>Mood disorders: Bipolar affective disorder, Mania depression and dysthymia etc Etiology, psycho-pathology, clinical manifestations, diagnosis, Nursing Assessment- History, Physical and mental assessment</p>	
Unit 8- Nursing management of patient with neurotic, stress related and somatization disorders	8hrs

<p>Anxiety disorder, Phobias, Dissociation and Conversion disorder, Obsessive compulsive disorder, somatoform disorders, Posttraumatic stress disorder Etiology, psycho-pathology, clinical manifestations, diagnosis Nursing Assessment-History, Physical and mental assessment Treatment modalities and nursing management of patients with neurotic, stress related and somatization disorders Geriatric considerations Follow-up and home care and rehabilitation</p>	<p>Unit 9-Nursing management of patient with Substance use disorders 5hrs</p>
<p>Commonly used psychotropic substance: Classification, forms, routes, action, intoxication and withdrawal Etiology of dependence: tolerance, psychological and physical dependence, withdrawal syndrome, diagnosis, Nursing Assessment-History, Physical, mental assessment and drug assay. Treatment (detoxification, antiabuse and narcotic antagonist therapy and harm reduction) and nursing management of patients with substance use disorders Geriatric considerations Follow-up and home care and rehabilitation</p>	<p>Unit 10-Nursing management of patient with Personality, Sexual and Eating disorders 04hrs</p>
<p>Classification of disorders • Etiology, psycho-pathology, characteristics, diagnosis, • Nursing Assessment-History, Physical and mental assessment Treatment modalities and nursing management of patients with Personality, Sexual and Eating disorders Geriatric considerations Follow-up and home care and rehabilitation</p>	<p>Unit 11-Nursing management of childhood and adolescent disorders including mental deficiency 06hrs</p>
<p>Classification Etiology, psychopathology, characteristics, diagnosis Nursing Assessment-History, Physical, mental and IQ assessment Treatment modalities and nursing management of childhood disorders including mental deficiency Follow-up and home care and rehabilitation</p>	<p>Unit 12-Nursing management of organic brain disorders 05 hrs</p>

<p>Classification: ICD?</p> <p>Etiology, psycho-pathology, clinical features, diagnosis and Differential diagnosis (parkinsons and alzheimers) Nursing Assessment- History, Physical, mental and neurological assessment • Treatment modalities and nursing management of organic brain disorders • Geriatric considerations Follow-up and home care and</p>
<p>Unit 13- Psychiatric emergencies and crisis intervention 06hrs</p>
<p>Types of psychiatric emergencies and their management Stress adaptation Model: stress and stressor, coping, resources and mechanism Grief: Theories of grieving process, principles, techniques of counseling Types of crisis Crisis Intervention: Principles, Techniques and Process Geriatric considerations Role and responsibilities of nurse</p>
<p>Unit 14- Legal issues in Mental Health Nursing 04hrs</p>
<p>The Mental Health Act 1987: Act, Sections, Articles and their implications etc. Indian Lunacy Act. 1912 Rights of mentally ill clients Forensic psychiatry Acts related to narcotic and psychotropic substances and illegal drug trafficking • Admission and discharge procedures Role and responsibilities of nurse</p>
<p>Unit 15- Community Mental Health Nursing 04hrs</p>
<p>Development of Community Mental Health Services: National Mental Health Programme Institutionalization Versus Deinstitutionalization • Model of Preventive psychiatry: Level of Prevention Mental Health Services available at the primary secondary, tertiary levels including rehabilitation and Role of nurse Mental Health Agencies: Government and voluntary, National and International • Mental health nursing issues for special populations: Children, Adolescence, Women, Elderly, Victims of violence and abuse, Handicapped, HIV/AIDS etc.</p>

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE1+MTE2)	End Term Test (ETE)	Total Marks
15	05+05	75	100

Name of The Course	Midwifery and Obstetrical Nursing			
Course Code	BSCN3004			
Prerequisite	Knowledge regarding anatomy and physiology of reproductive system			
Corequisite	Maternal and child health nursing lab with dummy, Stimulators, charts, logbook, group project, Videofilm, Models			
Antirequisite	NA			
	L	T	P	C
	2	0	0	2

Course Objectives:

To enable students to acquire knowledge of anatomy and physiology of female reproductive system. To enable students to acquire knowledge of normal pregnancy and its management.

To understand the physiology and management of stages of labour and puerperium

To apply knowledge of midwifery and

obstetrics nursing in care of patient at hospital and community settings

Course Outcomes

CO1	Acquire knowledge regarding male and female reproductive systems so as to understand the concept of midwifery and obstetrics nursing.
CO2	Recognize new trends and challenges in midwifery and obstetrics nursing
CO3	Demonstrate diagnosis and management of women during antenatal, intranatal and postnatal period of pregnancy and labor

CO4	Demonstrate assessment and management of normal newborn baby in the hospital and community setting.
-----	---

Text Book(s): 1. Myles. "Textbook for midwives". 7th edition 2004; Churchill Livingstone.
2. D.C. Dutta. Text book of Obstetrics. 6th edition 2004; New central book agency.

Reference Book (s): 1. Orshan – Maternity Nursing
, 2009, LWW Ricci – Essentials
of maternity nursing, 2009, Lippincott Williams' Obstetrics, 2009,
McGraw Hill
Lowdermilk – Maternity Nursing, 2008, Elsevier

<p>Unit-1 Introduction 3 hours Introduction to concepts of midwifery and obstetrical nursing, Trends in midwifery and obstetrical nursing, Historical perspectives and current trends, Legal and ethical aspects, preconception care and preparing for parenthood, Role of nurse in midwifery and obstetrical nursing, National policy and legislation in relation to maternal health and welfare, Maternal morbidity, mortality and fertility rates, perinatal morbidity and mortality rates.</p>
--

Unit-28hours

AnatomyandphysiologyoffemalereproductivesystemandfoetaldevelopmentFemalepelvi

s—generaldescriptionofthebonesjoints,ligaments

planesofthepelvisdiametersofthetruepelvis,important landmarks,variationsinpelvisshape.

Female organs of reproduction - external genitalia, internal genital organs and their

anatomicalrelations,musculature—blood-supply,nerves,lymphatics, pelviccellular,tissue,pelvic

peritoneum.,Physiologyofmenstrualcycle,Humansexuality,Foetaldevelopment,Conception.

Reviewoffertilization;implantation(embeddingoftheovum),developmentoftheembryoandplacentaat term

— functions, abnormalities, the foetal sac, amniotic fluid, the umbilical cord foetal

circulation,foetalskull,bones,suturesandmeasurements.Review ofGenetics

Unit-
38hrs

Assessment and management of pregnancy (ante-natal) Normal pregnancy

Physiological changes during

Pregnancy, Reproductive system, Cardio vascular system, Respiratory system, Urinary system, Gastrointestinal system, Metabolic changes, Skeletal changes, Skin changes, Endocrine system, Psychological changes, Discomforts

of pregnancy, Diagnosis of pregnancy, Signs, Differential diagnosis, Confirmatory tests, Ante-natal care C Objectives, Assessment, History and physical examination, Antenatal Examination, Signs of previous child-birth, Relationship of foetus to uterus and pelvis: Lie, Attitude, Presentation, Position - Per vaginal examination.

Screening and assessment for high risk; Risk approach, History and Physical Examination, Modalities of diagnosis; Invasive & Non-Invasive, ultrasonic, cardiotomography, NST, CST

Antenatal preparation, Antenatal counseling, Antenatal exercises Q Diet, Substance use, Education for child-birth, Husband and families, Preparation for safe-confinement, Prevention from radiation, Psycho-social and cultural, aspects of pregnancy, Adjustment to pregnancy, Unwed mother, Single parent, Teenage pregnancy, Sexual violence

Adoption

Unit-
412hr
s

Assessment and management of intra-natal period

Physiology of labour, mechanism of labour, Management of labor. First stage: Signs and symptoms of onset of labour; normal and abnormal, Duration, Preparation of: Labour room, Woman, Assessment and observation of women in labour; partogram-maternal and foetal monitoring, Active management of labour, Induction of labour

- Second stage: Signs and symptoms; normal and abnormal, Duration, Conduct of delivery; Principles and techniques in relief and comfort in labour, Episiotomy (only if required), Receiving the newborn

- Neonatal resuscitation; initial steps and subsequent resuscitation, Care of umbilical cord,

Immediate assessment including screening for congenital anomalies, Identification, Bonding, Initiate feeding, Screening and transportation of the neonate

Third stage: Signs and symptoms; normal

and abnormal, Duration, Method of placental expulsion, Management; Principles and techniques. Examination of the placenta,

Examination of perineum, Maintaining records and reports, Fourth Stage

Unit-
55hrs

Assessment and management of women during post natal

period Normal puerperium; Physiology, Duration

Postnatal assessment and

management Promoting physical and emotional

well-being Lactation

management and Immunization

Family dynamics after child-birth, Family welfare services; methods, counseling, Follow-

up Records and reports

Unit-6 6 hrs

Assessment and management of normal neonates

Normal Neonate; Physiological adaptation, Initial & Daily assessment, Essential newborn care; Thermal control, Breast feeding, prevention of infections, Immunization, Minor disorders of newborn and its management
Levels of Neonatal care (level I, II, & III), At primary, secondary and tertiary levels, Maintenance of Reports and Records

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE1 + MTE2)	End Term Test (ETE)	Total Marks
15	(5+5=10)	75	100

Name of TheCourse	Nursingresearchandstatistics			
CourseCode	BSCN3005			
Prerequisite	10+2withPCB 55%			
Corequisite	Nursingresearchandstatistics books			
Antirequisite	NA			
	L	T	P	C
	2	0	0	2

CourseObjectives:

Toenablestudentstounderstandtheimportanceofresearchinnursing.Toenabl
ethestudentstoapplyconceptsofresearchinnursing.

Toidentifyvarioussourcesofreviewofliterature.

Toexplaintheuseofstatistics,scalesofmeasurementandgraphicalpresentation.CourseOutc
omes

CO1	Describetheconcept,terminology,andsteps usedinnursingresearchprocess.
CO2	Identifyresearchproblem,stateobjectives andreviewtherelatedliterature.
CO3	Describeresearchapproaches,design,samplingandDatacollectiontechniques.
CO4	Analyze,Interpretandsummarizethedatabyusingdescriptiveandinferentialstatistics.
CO5	Communicate and utilize the research findings in Nursing Practice, education andadministration.

Text Book(s):

MrsSunandaSRoyChoudhary“Textbookofnursingresearch”1st
edition,KPHpublishersBTBasavanhappa“Essentialsofnursingresearch“jaypeepublishers

Reference Book(s):

Denise F Polit "Essential of nursing research" 8th edition, Lippincott publishers. Suresh K Sharma "Nursing Research and statistics" 2nd edition, Elsevier publisher. Elizabeth Heavey "statistics for nursing" 1st edition, Lippincott publishers.

Unit-1 Research and research process 4 hours Introduction and need for nursing research Definition of Research & nursing research Steps of scientific method Characteristics of good research Steps of Research process – overview
Unit-2 Research Problem Question 3 hours Identification of problem area Problem statement Criteria of a good research problem. Writing objectives
Unit-3 Review of literature 3 hours Location Sources Online search; CINHAL, COCHRANE etc Purposes Method of review
Unit-4 Qualitative and Quantitative designs 4 hours

<p>Unit-5 Sampling and data collection</p> <p style="text-align: center;">8</p> <p>hours</p> <p>Definition of Population, Sample, Sampling criteria, factors influencing sampling process, types of sampling techniques.</p> <p>Data- why, what, from whom, when and where to collect. Data collection methods and instruments:</p> <p>Methods of data collection, Questioning, interviewing, Observations, record analysis and measurement, Types of instruments, Validity & Reliability of the Instrument, Pilot study, Data collection procedure</p>
<p>Unit-6 Analysis of data 4 hour</p> <p>Compilation, Tabulation, classification, summarization, presentation, interpretation of data</p>
<p>Unit-7 Introduction to statistics 15 hours</p> <p>Definition, use of statistics, scales of measurement.</p> <p>Frequency distribution and graphical presentation of data Mean, Median, Mode, Standard deviation</p> <p>Normal Probability and tests of significance Co-efficient of correlation.</p> <p>Statistical packages and its application</p>
<p>Unit-8 Communication and utilization of research</p> <p style="text-align: right;">4 hours</p> <p>Communication of research findings</p> <p>Verbal report</p> <p>Writing research report</p> <p>Writing scientific article/paper, Critique review of published research, utilization of research findings</p>

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE1 + MTE2)	End Term Test (ETE)	Total Marks
15	(5+5=10)	75	100

Name of TheCourse	ENVIRONMENTALSTUDIES			
CourseCode	BSCN3006			
Prerequisite	10+2withPCB 55%			
Corequisite	Demonstration, Groupprojects,Videofilm,charts			
Antirequisite	NA			
	L	T	P	C
	1.5	0	0	1.5

CourseObjectives:

DescribescopeandimportanceofEnvironmentalstudies.

Describerenewableand non-renewableresourcesofEnvironmentalStudies.Describetheconceptand functionsofecosystem

Describe ecosystem diversity and conservation of biodiversityDescribecauses, effectsandmeasuresof environmentalpollutions

DescribesocialissuesaffectingenvironmentalhealthandactsformaintainingenvironmentDescribePo pulationgrowthanditseffectsonenvironment

CourseOutcomes

CO1	Introducemultidisciplinarynatureofenvironment studiesandneedforpublicawareness.
CO2	Demonstratenaturalresourcesandroleofsocietyanduses conservationofnaturalresources forsustaininglife.
CO3	Appreciatetheconcept,structurefunctionofecosystemandbiodiversityroleofsocietyinconservingbiodiversi tyatglobal,naturalandlocallevel.
CO4	Describevariouskindsandcausesofenvironmentpollutionandroleofsocietyinpreventingfreeenvironment.
CO5	Identifysocial issuespertainingtheenvironment andimpactofpopulationexplosiononenvironmentandhumanhealth.

TextBook(s)

A textbook of Environmental Studies for Nurses\Prof.(Dr.) NVMuninarayanappa, EldoRaju&SandeepKRaju.

ReferenceBook(s)

Unit-1 Multidisciplinary Nature of environmental studies.	2 hours
Definition, Scope and importance, Need for public awareness	
Unit-2 Natural resources Renewable and non renewable resources.	7hrs
<p>Natural resources and associated problems, Forest resources: Use and over-exploration, deforestation and case studies. Timber extraction, Timber extraction, mining, dams and their effects on forest and tribal people, Water resources: Use and Overutilization of surface and groundwater, floods, droughts, conflict over water, dam benefits and problems, Mineral resources: use and exploitation, environmental effects of extracting and using mineral resources and case studies, Food resources: world food problems , changes caused by agriculture and over, grazing, effects of modern agriculture, fertilizer, pesticide problems, water logging, salinity, case studies, Energy resources: growing energy needs renewable and non renewable energy resources , use of alternate energy sources, case studies, Land resources: land as a resource land degradation, man induced landslides soil erosion, and desertification, Role of an individual in the conservation of natural resources, Equitable use of resources for sustainable lifestyles.</p>	
Unit-3 Ecosystems	5hrs
<p>Concept of an ecosystem, Structure and function of an ecosystem, Producers, consumers and decomposers, Energy flow in ecosystem, Ecological succession, Food chains, food webs and ecological pyramids, Introduction, types , characteristic feature Structure and function of the following Ecosystems: Forest ecosystem Grassland ecosystem desert ecosystem aquatic ecosystem (ponds, stream, lake rivers oceans, estuaries</p>	
Unit-4 Biodiversity and Its Conservation	8hrs
<p>Introduction- definition, genetic, species and ecosystem diversity, Biogeographical classification of India. Value of biodiversity: consumptive use. productive use, social, ethical, aesthetic and option values, Biodiversity at global, national and local Level India as a mega-diversity nation, Hot-spots of biodiversity, Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts, Endangered and endemic species of India, Conservation of biodiversity: in-situ and Ex-situ conservation of biodiversity</p>	
Unit-5 Environmental Pollution	8hrs
<p>Definition, Causes, effects and control measures of: Air pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, Nuclear pollution Solid waste management: causes, effects and control measures of urban and industrial waste Role of an individual in the prevention of pollution, Pollution case studies Disaster management: flood, earthquakes, cyclones and landslides</p>	
Unit-6 Social issues and the Environment.	10hrs

From unsustainable to sustainable development. Urban problems related to energy, Water conservations, rain water harvesting, water shed management, Resettlement and rehabilitation of people. Its problems and concerns .case study. Environmental ethics: issues and possible solutions. Climate changes, global warming, acid rain, ozone layer depletion, nuclear accident, and hole cast. Case studies, Waste land reclamation. Consumerism and waste product. Environmental protection act. Air (prevention and control of pollution) act. Water (prevention and control of pollution) Act, Wildlife protection act, Forest conservation act Issues involved in the enforcement of environmental legislation, Public awareness

Unit-7 Human population and the environment 5hrs

Population growth, variation among nations, Population explosion- family welfare program, Environmental and human health. Human rights. Value education. HIV/AIDS Women and child welfare. Role of information technology in environment human health

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE1+MTE2)	End Term Test (ETE)	Total Marks
15	05+05=10	75	100

Name of The Course	Medical and Surgical Nursing II (P)			
Course Code	BSCN3007			
Prerequisite	Knowledge regarding MSN-I			
Corequisite	Med Surg lab with models, charts, logbook, procedure manual			
Antirequisite	NA			
	L	T	P	C
	0	0	15	15

Course Objectives:

To enable students to provide nursing care to adult patients with various medical & surgical disorders. To enable students in providing care to patients suffering from occupational disorders. To enable students to identify various instruments used in common operations. To enable students to participate in infection control practices in the operation theatre. To enable students to provide care to geriatric patients.

Course Outcomes

CO1	Develop skills to provide nursing care to adult patients with medical and surgical conditions concerning all systems of human body and prepare patient and family for home care.
CO2	Perform assessment and examination and assist with therapeutic procedure in all medical and surgical conditions, related to all systems of the human body.
CO3	Demonstrate advanced nursing procedures to handle, medical and surgical conditions including emergencies during trauma, disaster, war etc.
CO4	Develop skills in infection control practices and biomedical waste management to prevent nosocomial infections in the hospital and community settings.

Text Book(s)

Jacob –
Clinical Nursing Skills & Procedures, 2008, Jaypee LWW –
Lippincott's Nursing Procedure, 2008, LWW

Reference Book(s)

Taylor – Fundamentals of Nursing, 2007, LWW

Kozier – Fundamentals of Nursing
 ,2007,PearsonPotter–BasicNursing,2008,Elsevier
 Lynn–Taylor’s ClinicalNursingSkills,2008,LWW

Unit-1 ENT	30 hours
Perform examination of ear, nose and throat Assist with diagnostic procedures Assist with therapeutic procedures Instillation of drops Perform/assist with irrigations. Apply ear bandage Perform tracheotomy care Teach patients and families.	
Unit-2 Ophthalmology	180 hours
Perform examination of eye Assist with diagnostic procedures Assist with therapeutic procedures Perform/assist with Irrigations. Apply eye bandage Apply eye drops ointments Assist with foreign body removal. Teach patients and families.	
Unit-3 Neurology	60 hours
Perform Neurological Examination Use Glasgow coma scale Assist with diagnostic procedures Assist with therapeutic procedures Teach patients & families Participate in rehabilitation program.	
Unit-4 Gynecology ward	30 hours
Assist with gynecological Examination Assist with diagnostic procedures: Assist with therapeutic Procedures Teach patients families Teaching self Breast Examination. Assist with PAP smear collection.	
Unit-5 Burns Unit	25 hours
Assessment of the burn patient electrolyte replacement therapy Assess Calculate Replace Record intake/output Care of Bum wounds Bathing Practice medical & Dressing Perform active & passive exercises and families Participate in rehabilitation program. Percentage of burns Degree of burns. Fluid & surgical asepsis Counsel & Teach patients	
UNIT-6 Oncology Unit	50 HOURS
Screen for common cancers- TNM Classification Assist with diagnostic Procedures Biopsies Pap smear Bone-marrow aspiration Breast examination Assist with therapeutic procedures Participates in various modalities of Treatment Chemotherapy Radiotherapy Pain management Stomach therapy Hormonal therapy Immunotherapy Gene therapy Alternative therapy Participate in palliative care Counsel and teach patients families	
UNIT-7 Critical care unit	50 HOURS
Assist in arterial puncture for blood gas analysis. Perform ECG and interpret accordingly. Conduct and analysis pulse oximetry. Care with artificial airway. Assist in endotracheal intubation. Setting up ventilator, Giving care in ventilator.	

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE1+MTE2)	End Term Test (ETE)	Total Marks
50	NA	50	100

Name of The Course	Child Health Nursing (Practical)			
Course Code	BSCN3008			
Prerequisite	anatomy and physiology, medical surgical nursing			
Corequisite	Maternal and child health nursing lab with models, dummy, charts, logbook			
Antirequisite	NA			
	L	T	P	C
	0	0	4.5	4.5

Course Objectives: This course is designed for developing skills in assessment of growth and development of children and learn to identify various medical, surgical and malformations in children which will aid in performing independent nursing care of children and educate their families.

Course Outcomes

CO1	Develop skills to provide nursing care to pediatric patient with medical and surgical conditions concerning all the system of human body and prepare parents and families for home care.
CO2	Perform assessment, examination and assist with therapeutic procedures in children with all medical and surgical conditions.
CO3	Demonstrate and develop skills in basic and advanced pediatric nursing procedures to handle all medical and surgical conditions including emergencies.
CO4	Develop skills in infection control practices and biomedical waste management to prevent nosocomial infections in children during their stay in the hospital.

Text Book(s)

Parul – Pediatric Nursing, 2014, Jaypee

Marlow – Textbook of Pediatric Nursing, 1996,

Elsevier Reference Book(s)

Padmaja–
 Pediatric Procedure Manual, 2014, Jaypee Ghai–
 Essentials of Pediatrics, 2009, CBS
 Lakshmana's–Clinical Pediatrics, Lakshmana Publications
 Hockenberry–Wong's Nursing Care of the Infants & Children, 2007, Elsevier

Unit-1 Pediatric Medical ward 90HRS	
Pediatric history taking, Physical examination and assessment of children Administer oral, I/M & IV medicine/fluids Calculation of fluid requirements Prepared different strengths of I.V. fluids Apply restraints Administer O ₂ inhalation by different methods Give baby bath Feed children by katorispoon, etc. Collect specimens for common investigations Assist with common diagnostic procedures Teach mothers/parents- malnutrition, oral rehydration therapy, feeding & weaning, Immunization schedule, play therapy, specific disease.	
Unit-2 Pediatric Surgery Ward 90HRS	
Calculate, prepare and administer I/V fluids Do bowel wash Care for stomies- Colostomy irrigation, ureterostomy, gastrostomy, enterostomy Urinary catheterization and drainage Feeding Naso-gastric Gastric Jejunostomy Care of surgical wounds- dressing, suture removal.	
Unit-3 Pediatric OPD/Immunization room	30HRS
Assessment of children- Health assessment, Developmental assessment, anthropometric assessment Immunization Health/Nutritional Education	
Unit-4 Pediatric medicine and surgery ICU	60HRS
Care of baby in incubator/warmer Care of a child on ventilator Endotracheal suction Chest physiotherapy Administer fluids with infusion pump Total parenteral nutrition Phototherapy Monitoring of babies	

Cardiopulmonaryresuscitation

ContinuousAssessmentPattern

InternalAssessment(IA)	MidTermTest(MTE)	EndTermTest(ETE)	TotalMarks
50	NA	50	100

Name of TheCourse	MentalhealthNursing(PRACTICAL)			
CourseCode	BSCN3009			
Prerequisite	Knowledgeregardingpsychology			
Corequisite	Demonstration, groupproject,MHNpracticallogbook			
Antirequisite	NA			
	L	T	P	C
	0	0	4.5	4.5

CourseObjectives:

ToenablestudenttoAssesspatientswith mental health problems ,assist intherapyandcouncilpatient andfamily
 To enable students to assess children with various mental health problems, council and educate children and their family
 Toenablestudentstoprovidenursingcareforpatients withvariousmentalhealthProblems
 andassistinvariousintherapyToenablestudentstoidentifypatientswithmentaldisorders,motivatepatientsforearly
 treatmentandassistforfollowupclinics

CourseOutcomes

CO1	Developskillsinassessing, observingandassistingpatientwithvariousmentalhealthproblems&preparepatientandfamiliesfor homecare
CO2	Acquireskills inassessingadultandchildren'smentalhealthstatus,assistinvarious therapiesandprovide needbasedcareinmentalhealthhospitals, andcommunity.
CO3	Acquireskills invarious procedureandtherapies usedtotreat patientwithallkindsofmentalhealthproblems.

CO4	Identify individual with mental health problem in community setting, organize awarenesscampstoeducateandcouncilfamilymembers,patients andcommunitytomaketimelycrisisinterventionandreferraltonearbyhealthcareservices.
-----	--

TextBook(s)

Townsend – Psychiatric Mental Health Nursing,2007.F.A.DavisStuart– Principles&PracticeofPsychiatricNursing,2008,Elsevier

ReferenceBook(s)

.Boyd– PsychiatricNursing,2007,LWW
Kaplan– Kaplan&Sadock’s SynopsisofPyschiatry,2007,LWW
Shives – BasicConceptsinPsychiatricMentalHealthNursing,2007,LWWLalitha- PsychiatricMentalHealthNursing,VMG Publishers

Unit-1PsychiatricOPD	
(Assesspatientswithmentalhealthproblems ObserveandassistentherapiesCounselandeducatepatient,andfamilies)	30hrs
Historytaking Performmentalstatus examination(MSE)AssistinPsychometricassessmentPerformNeurologicalexaminationObserveandassistentherapiesTeac hpatientsandfamily	
Unit 2-ChildGuidanceclinic	
(Assessmentofchildrenwithvariousmentalhealthproblems Counseland educatechildren,familiesandsignificant others)	60hours
Historytaking Assistinpsychometricassessment Observeandassistentvarious therapies Teachfamilyandsignificanttothers	

<p>Unit 3-Inpatient ward</p> <p>Assess patients with mental health problems To provide nursing care for patients with various mental health problems Assist in various therapies Counsel and educate patients, families and significant others 18 0HRS</p>
<p>History taking</p> <p>Perform mental status examination (MSE) Perform Neurological examination Assist in psychometric Assessment Record therapeutic, communication Administer medications Assist in Electro-convulsive Therapy (ECT) Participate in all therapies Prepare patients for Activities of Daily</p>
<p>Unit 4-Community Psychiatry</p> <p>To identify patients with various mental disorders To motivate patients for early treatment and follow up To assist in follow up clinic Counsel and educate patient, family and community 30hrs</p>
<p>Conduct casework Identify individuals with mental health problems Assist in mental health camps and clinics Counsel and Teach family members, patients and community</p>

Continuous Assessment Pattern

Internal Assessment (IA)	End Term Test (ETE)	Total Marks
50	50	100

Name of TheCourse	MidwiferyandObstetricalNursing(Practical)			
CourseCode	BSCN3010			
Prerequisite	Knowledgeofanatomyandphysiologyofreproductivesystem			
Corequisite	Maternalandchildhealthnursinglabwithdummy, charts,logbook, groupproject, Midwiferycasebook, Clinicalpostingatmaternitywards			
Antirequisite	NA			
	L	T	P	C
	0	0	3	3

CourseObjectives:

To enable students to acquire knowledge of anatomy and physiology of female reproductive system
To enable students to acquire knowledge of normal pregnancy and its management.

To provide comprehensive care to the mother and neonates.

To apply knowledge of midwifery and obstetrics

nursing care of patient at hospital and community settings. **Course Outcomes**

CO1	Assess, educate and manage pregnant women during antenatal, intranatal and postnatal period
CO2	Prepare mother and family for parenthood.
CO3	Assess and provide nursing care to normal and normal newborn.

CO4	Counsel and motivate mother for using family welfare services and contraceptive methods.
-----	--

Text Book(s):

Myles. "Text book for midwives". 7th edition 2004; Churchill livingstone. D.C. Dutta. Textbook of Obstetrics. 6th edition 2004; New central book agency.

Reference Book(s):

Orshan – Maternity Nursing, 2009, LWW
 Ricci – Essentials of maternity nursing, 2009, Lippincott's William's Obstetrics, 2009, Mcgrahill
 Lowdermilk – Maternity Nursing, 2008, Elsevier

Unit-1 Antenatal clinic/OPD	60
hours Antenatal history taking, Physical examination, Recording of Weight & B.P, Hb. & Urine testing for sugar and albumin Antenatal examination- abdomen and breast, Immunization Assessment of risk status, Teaching antenatal mothers Maintenance of Antenatal records	
Unit-2 Labour room/OT	150 hours
Assessment of Woman in labour Pervaginal examinations and interpretation Monitoring and caring of woman in labour Maintenance of partograph, Conduct normal delivery Newborn assessment and immediate care Resuscitation of newborns Assessment of risk status of newborn Episiotomy and suturing Maintenance of labour and birth records Arrange for and assist with Cesarean section and care for woman & baby during Cesarean Arrange for and assist with MTP and other surgical procedures	

BSCNURSING4THYEAR

Name of TheCourse	Midwiferyandobstetricalnursing			
CourseCode	BSCN4001			
Prerequisite	KnowledgeregardinganatomyandphysiologyofreproductivesystemKno wledge regarding normal pregnancy, labour, puerperium andnewborn			
Corequisite	Maternalandchildhealthnursinglabwithmodels,dummy,charts,logbook, casebook			
Antirequisite	NA			
	L	T	P	C
	1.5	0	0	1.5

Course Objectives: This course is designed for students to appreciate the concepts and principles of midwifery and obstetricalnursing. It helps them to acquire knowledge and skills in rendering nursing care to normal and high risk pregnant woman duringantenatal, natal and post natal periods in hospitals and community settings. It also helps to develop skills in managing normal andhighriskneonatesand participateinfamilywelfareprogramme

CourseOutcomes

CO1	DescribeandidentifythemanagementofwomenwithhighriskpregnancyduringAntenatal,intranata landpostnatalperiod.
CO2	Demonstrateindications,dosage,action,sideeffectofdrugusedduringpregnancy,labor andpostnatalperiod
CO3	Identifyandassess highrisk neonatesandtheirmanagement
CO4	Appreciatetheroleofnurseinnationalfamilywelfareprogrammeandcontraceptivemethods

--	--

TextBook(s)

Myles. "Text book for midwives". 7th edition 2004; Churchill livingstone.
 D.C.Dutta. Textbook of Obstetrics. 6th edition 2004; New central book agency.
 Orshan–Maternity Nursing, 2009, LWW
 Ricci–Essentials of maternity nursing, 2009, Lippincotts

ReferenceBook(s)

William’s Obstetrics, 2009, Mcgrahill Lowdermil
 k–Maternity Nursing, 2008, Elsevier
 A Comprehensive Textbook of Midwifery and Gynecological Nursing, Third Edition, by Anna Jacob, JP publisher.

Unit-1 High-risk pregnancy–assessment & management	10HRS
Screening and assessment- Ultrasonics, cardiotomography, NST, CST, non-invasive & invasive, Newer modalities of diagnosis High-risk approach Level of care; primary, secondary and tertiary levels Disorders of pregnancy - Hyper-emesis gravidarum, bleeding in early pregnancy, abortion, ectopic - Pregnancy, vesicular mole, - Ante-partum haemorrhage . • Uterine abnormality and displacement. Diseases complicating pregnancy - Medical and surgical conditions - Infections, RTI (STD), UTI, HIV, TORCH - Gynaecological diseases complicating pregnancy , Pregnancy induced hypertension .& diabetes, Toxemia of pregnancy, hydramnios, Rh incompatibility, Mental disorders Adolescent pregnancy, Elderly primi and grand multipara Multiple pregnancy , Abnormalities of placenta & cord Intra-uterine growth retardation Nursing management of mothers with high-risk pregnancy Maintenance of Records and Report	
Unit-2 Abnormal Labour–assessment and management	10hrs
Disorders in labour - CPD and contracted pelvis - Malpositions and malpresentations - Premature labour, disorders of uterine actions - precipitate labour, prolonged labour - Complications of third stage: injuries to birth canal	

<p>Obstetrical emergencies and their management; - Presentation and prolapse of cord, Vasa praevia, amniotic fluid embolism, rupture of uterus, shoulder dystocia, obstetrical shock</p> <p>Obstetrical procedures and operations;</p> <p>- Induction of labour, forceps, vacuum version, manual removal of placenta, cesarean section, destructive operations</p> <p>Nursing management of women undergoing Obstetrical operations and Procedures</p>
<p>Unit-3 Abnormalities during Postnatal Periods 4hrs</p> <p>Assessment and management of woman with postnatal Complications:</p> <p>Puerperal infections, breast engorgement & infections, thrombo-Embolic disorders, post-partum haemorrhage, Eclampsia and subinvolution, Psychological complications:</p> <p>- Postpartum Blues - Postpartum Depression - Postpartum Psychosis</p>
<p>Unit-4 Assessment and management of High risk newborn 10hrs</p> <p>Admission of neonates in the neonatal intensive care units- protocols Nursing management of:-</p> <p>Low birth weight babies - Infections - Respiratory problems - hemolytic disorders- Birth injuries – Malformations</p> <p>Monitoring of high risk neonates</p> <p>Feeding of high risk neonates , Organization and management of neonatal intensive care units , Infection control in neonatal intensive care units Maintenance of reports and records.</p>
<p>Unit-5 Pharmacotherapeutics in obstetrics 4hrs</p> <p>Indication, dosage, action, contraindication and side effects of drugs</p> <p>Effect of drug on pregnancy, labour & puerperium, Nursing responsibilities in the Administration of drug in Obstetrics - oxytocins, antihypertensives, diuretics, tocolytic agents, anti convulsants; Analgesics and anesthetics in obstetrics. Effects of maternal medication on foetus and neonate.</p>
<p>Unit-6 Family Welfare Programme 10hrs</p> <p>Population trends and problems in India • Concepts, aims, importance and history of family welfare programme</p> <p>• National Population: dynamics, policy and education</p> <p>• National family welfare programme; RCH, ICDS, MCH. Safe motherhood</p> <p>Organization and administration; at national, state, district, block and village levels • Methods of contraception; spacing, temporary and permanent, Emergency contraception</p> <p>Infertility and its management Counseling for family welfare Latest research in contraception</p> <p>• Maintenance of vital statistics</p> <p>Role of national, international and voluntary organizations</p> <p>Role of a nurse in family welfare programme, Training /Supervision/ Collaboration with other functionaries in community like ANMs, LHV's, Anganwadi workers, TBAs (Traditional birth attendant-Dai)</p>

ContinuousAssessmentPattern

InternalAssessment(IA)	Mid Term Test(MTE1+MTE2)	EndTermTest(ETE)	TotalMarks
15	5+5	75	100

Name of TheCourse	COMMUNITY HEALTH NURSING-II INCLUDING INTEGRATEDMLHP				
CourseCode	BSCN4002				
Prerequisite					
Corequisite	FullyEquippedClassroomswithcomputer, LCDProjector, Whiteboard, CHN Lab				
Antirequisite	NA				
		L	T	P	C
		3	0	0	3

CourseObjectives: Thiscourseis designedforstudentstopracticecommunityhealthnursingfortheindividual, familyandgroupsatbothurbanandruralsettingsby usingconcept andprinciplesofhealthandcommunityhealthnursing. CourseOutcomes

CO1	Defineanddemonstratetheconcept, scope, principlesandhistoricaldevelopmentofcommunityhealthnursing
CO2	Describehealthplanning, nationalhealthpolicies, varioushealthcommitteesandhealthproblemsinIndia.
CO3	Describethesystemofdeliveryofcommunityhealthservicesinruralandurbanareaandthechainofreferralsystem
CO4	Describecommunityhealthnursingapproaches, conceptsandrolesandresponsibilitiesofnursingpersonnel
CO5	Describeandappreciatetheactivities ofcommunity healthnurseinassistingindividuals, familiesandcommunitytopromoteandmaintaintheirhealthand Makethemselfsufficient
CO6	Describeroleofnurseinnationalhealthandfamily welfareprograms andvarioushealthschemes.
CO7	Explainrolesandfunctionsofvariousnationalandinternationalhealth

agencies and role of community health nurse.
--

Text Book(s)

K. Park – Social and Preventive Medicine, Banott Publishers
K. K. Gulani “Community health nursing” 2nd edition, Kumar publishing house
Ravi Prakash Saxena, Community Health Nursing-II for B.Sc Nursing students, 2012
Neelam Kumar “A Textbook of community health Nursing-II” 2nd Edition, Pee Vee Publishers

Reference Book(s)

Mary Jo Clark “Community Assessment reference guide” 5th edition, Elsevier Publication
Mary A Neis “Community/Public Health Nursing” 6th edition, Elsevier Publication
3 Bijayalaskmi Dash “A comprehensive textbook of community health nursing” 1st edition, Jaypee Publications
4 Mary Ann Hogan “community health nursing” 1st edition, Vangopublishers

Unit-1 Introduction 4 hours Definition, concept & scope of Community Health and Community Health Nursing Historical development of Community health Community health Nursing. Pre-independence Post-independence
Unit-2 Health planning and policies and problems 6 hours National health planning in India - Five Year Plans Various committees and commissions on health and family welfare Central council for health and family welfare (CCH and FW), National health policies (1983, 2002) National population policy Health problems in India
Unit-3 Delivery of community health services 15 hours Planning, budgeting and material management of SCs, PHC and, CHC Rural: Organization, staffing and functions of rural health services provided by government at: Village, Sub centre, Primary health centre, Community health center /subdivisional, Hospitals, District, State, Center Urban: Organization, staffing and functions of urban health services provided by government at: Slums, Dispensaries, Maternal and child health centers, Special Clinics, Hospitals, Corporation/Municipality/Board, Components of health services, Environmental

sanitation, Health education, Vital statistics, M.C.H. -
antenatal, natal, postnatal, MTP Act, female foeticide act, child adoption act
Family Welfare, National health programmes, School health services,
Occupational health, Defence services, Institutional services, Systems of medicine and healthcare
Allopathy, Indian System of Medicine and Homeopathy
Alternative healthcare systems
like yoga, meditation, social and spiritual healing etc Referrals system

Unit-4 Community health nursing approaches, concepts and roles and 25hrs responsibilities
of nursing
Approaches, Nursing theories And Nursing process, Epidemiological approach, Problem solving approach
Evidence based approach, Empowering people to care for themselves
Concepts of Primary Health Care:
Equitable
distribution
Community participation
Focus on prevention
Use of appropriate technology
Multi-sectoral approach
Roles and responsibilities of Community health nursing personnel in Family health services
Information Education Communication (IEC)
Management Information System (Mis): Maintenance of Records & reports
Training and supervision of various categories of health workers
National Health Programmes
Environmental sanitation
Maternal and child health and Family welfare
Treatment of Minor ailments
School Health Services
Occupational Health
Organization of clinics, camps: Types, Preparation, planning, conduct and evaluation
Waste management in the center, clinic etc.
Home visit: Concept, Principles, Process, Techniques: Bag technique home visit, Qualities of Community Health Nurse

Unit-5 Job Description of Community health nursing personnel 15hrs Assisting individuals and groups to promote and maintain their health
Empowerment for self care of individuals, families and groups in
A. Assessment of self and family, Monitoring growth and development, Milestones, Weight measurement, Social development, Temperature and Blood pressure monitoring, Menstrual cycle, Breast self examination and testicles, Warning Signs of various diseases
Tests : Urine for sugar and albumin, blood sugar
B. Seek health services for Routine checkup, Immunization
Counseling, Diagnosis, Treatment, Followup, Maintenance of health records for self and family
Continued medical care and followup in community for various diseases and disabilities
E. Carry out therapeutic procedures as prescribed! Required for self and family
F. Waste Management

Collection and disposal of waste at home and community
G. Sensitize and handle social issues affecting health and development for self and family
Women Empowerment
Women and child abuse,
Abuse of elders, Female Foeticide, Commercial sex workers
Food adulteration, Substance abuse, Utilize community resources for self and family
Trauma services
Old age homes, Orphanage, Homes for physically and mentally challenged individuals,
Homes for destitute

UNIT 6 National Health & Family Welfare Programmes and the Role of Nurse 20 HRS
National ARIP Programme, Revised National Tuberculosis Control Programme (RNTCP) National Anti-Malaria Programme, National Filariasis Control Programme, National Guinea worm eradication Programme, National Leprosy Eradication Programme, National AIDS Control Programme, STD Control Programme, National Programme for Control of Blindness
Iodine Deficiency Disorder Programme, Expanded Programme on Immunization
National Family Welfare Programme – RCH Programme
Historical Development, Organization, Administration, Research, Constraints
National Water Supply & Sanitation Programme, Minimum need programme, National Diabetics Control Programme, Polio Eradication, Pulse Polio Programme, National Cancer Control Programme, Yaws eradication programme, National Nutritional Anemia Prophylaxis Programme, 20 Point Programme, ICDS Programme Mid-day Meal Applied Nutritional Programme, National Mental Health Programme, Health Schemes
ESI, CGHS, Health Insurance

UNIT 7 Health Agencies 5 hrs
International- WHO, UNFPA, UNDP, World Bank, FAO, UNICEF, DANIDA, European Commission (EC), Red cross, USAID, UNESCO, Colombo Plan, ILO, CARE etc. National - Indian Red Cross, Indian Council for child welfare, Family Planning Association of India (FPAI), Tuberculosis Association India, Hindu Kush Nivaran Sangh, Central Social Welfare Board, All India women's conference, Blind Association of India etc.

UNIT 8
Integration of MLHP
Roles and responsibilities of middle level health provider in new national health program
Ayushman Bharat
diagnosing and treatment skills essential at sub centre level using standard treatment protocols as per national health programme
introduction to rashtriya bal suraksha
karyakram social mobilising skills
drugs dispensing programme
management including supervision and monitoring investigation of an outbreak
behaviour change communication and soft skill integrated disease surveillance project

motherandchildtrackingsystemch
 ikungunya
 organization of labour
 roomsafechildbirthchecklist
 postpartumvisit
 byhealthworkerfamilyplanning20
 20
 nationalfamilyplanningprogramme‘fo
 odborndisease

 followingtopicstobereviewed
 healthplanningandhealthcaredeliverysysteminIndiahealth
 hmanagementinformationsystem
 electronic medical
 recordmicro birth
 planningadolescent
 counsellingsourceofvitals
 tatistics
 financialmanagement,accountandcomputinginsubcentremen
 talhealthact,drugdeaddictionprogram
 timetrendsindiseaseoccurrenceinepidemiologyinf
 antandyoungchildfeedingandcounselling
 nutritionacrosslifecycleandupdatenationalnutritionprogramuseo
 fequipment
 throatproblemandfebrileseizureinchildren
 transportationofbabyandcommon accidents andmishaps
 inlabourroomcounsellinggatherapproach
 updatebiomedicalwastemanagementbyspecifyingbiomedicalwastemanagement rules2016suturingof
 superficialwound
 post partumintrauterinecontraceptivedevices(PPIUCD)
 Allthenationalhealthprogrammesoncommunicable,noncommunicable.

ContinuousAssessmentPattern

Internal Assessment(IA)	Mid Term Test(MTEI+MTEII)	EndTermTest(ETE)	TotalMarks
15	5+5	75	100

Name of TheCourse	Managementof nursingserviceandeducation			
CourseCode	BSCN4003			
Prerequisite	10+2withPCB 55%			
Corequisite	organizationalcharts, Whiteboard, LCDprojector, Logbook			
Antirequisite	NA			
	L	T	P	C
	2	0	1	3

Course Objectives:

This course is designed to enable students to acquire understanding of management of clinical and community health nursing services, nursing educational programmes. This is also designed to enable students to acquire understanding of the professional responsibilities, prospects and contribution to the growth of the profession.

Course Outcomes

CO1	Acquire knowledge about principles, functions, elements and process of management in nursing.
CO2	Describe management of nursing services and nursing educational institutions.
CO3	Explain the concepts, theories and techniques of organizational behaviors and human relations in context to nursing service, management and education.
CO4	Participate in planning and organizing in-service education and staff development program
CO5	Describe ethical and legal responsibilities of a professional nurse and explain nursing practice standards.

Text Book(s)

Jogindra

Vati "principles and practice of nursing management and administration" 2nd edition 2004; Jaypee

Publications

Clement "management of nursing services and education" 2nd edition 2007, Elsevier publications

Shabnam Masih "Essentials of nursing management in service and education" 2nd edition 2011, Lotus publishers

Reference Book(s)

C. Manivannam,

T. Lathamannam, J. Baskaran "Textbook of nursing management in service and education" 2nd edition, 2016, Atithi publishers

Anita Finkelman "Leadership and management for nurses" 2nd edition 2013, Lotus Publishers

Patricia Kelly, Janice Tazbir "Essentials of nursing leadership and management", 3rd edition 2016, Health care

publishers Lindaroussel, Patricia L. Thomas, James L. Harris "management and leadership for nurse administrators" 7th edition,

2016, Jones and Bartlett publishers

Unit-1 Introduction	4 hours
Introduction to management in nursing	

<p>Definition, concepts and theories of management</p> <p>Principles of Management</p> <p>Role of Nurse as a manager</p>
<p>Unit-2 5 hours</p>
<p>Describe the elements and process of management</p> <p>Management process: Planning; mission, philosophy, objectives, operational plan</p> <p>Staffing: philosophy, staffing study, norms, activities, patient classification systems, scheduling</p> <p>Human resource management; recruiting, selecting, deployment, retaining, promoting, superannuation etc</p> <p>Budgeting: concept, principles, types, cost benefit analysis, audit</p> <p>Material management: equipment and supplies</p> <p>Directing process, (Leading)</p> <p>Controlling: Quality management, Program Evaluation review technique (PERT), Benchmarking, Activity Plan (Gantt Chart),</p>
<p>Unit-3 8 + 20 hours</p>
<p>Planning: Hospital and patient care units including ward management, Emergency and disaster management</p> <p>Human resource management: Recruiting, selecting, deployment, retaining, promoting, superannuation etc</p> <p>Recruiting, selecting, deployment, retaining, promoting, superannuation etc. Categories of nursing personnel including job description of all levels</p> <p>Patient/population assignment and nursing care responsibilities</p> <p>Staff development and welfare</p> <p>Budgeting: Proposal, projecting requirements for staff, equipment and supplies for Hospital and patient care units</p> <p>Emergency and disaster management</p> <p>Material management, procurement, inventory control, auditing and maintenance in hospital and patient care units, emergency and disaster management</p> <p>Directing and leading: delegation, participatory management, assignments, rotations, delegations, supervision and guidance, implement standards, policies, procedures and practices</p> <p>Staff development and welfare, maintenance of discipline, controlling/evaluation, nursing grounds/visits, nursing protocols, manuals, quality assurance, model, documentation, records and reports, performance appraisal</p>
<p>Unit-4 5 hours</p>
<p>Organizational behavior and human relations:</p> <p>Concepts and theories of organizational behaviors</p> <p>Review of Channels of communication, Leadership styles, Review of Motivation; concepts and theories</p> <p>Group dynamics, Techniques of Communication; Interpersonal relationships, Human relations; Public relations in context of nursing, Relations with professional associations and employee unions and Collective bargaining</p>
<p>Unit-5 5 + 5 hours</p>

<p>In-service education Nature & scope of in service education program, Organization of in service education Principles of adult learning, Planning for in-service education program, techniques, methods & evaluation of staff education program Preparation of report</p>
<p>Unit-6 10 hours</p>
<p>Management of nursing educational institutions Establishment of Nursing educational institution- INC norms and guidelines Co-ordination with Regulatory bodies, Accreditation, Affiliation, Philosophy & objectives - Organization Structure, Committees, Physical facilities, College/School, Hostel Students Selection, Admission Guidance and Counselling, Maintaining discipline, Faculty and staff, Selection Recruitment Job description Placement, Performance appraisal, Development and welfare Budgeting, Equipments and supplies: audiovisual equipments, laboratory equipment, books, journals etc Curriculum; Planning, implementation and evaluation, clinical facilities, transport facilities, institutional records and reports, administrative, faculty, staff and Students</p>

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTEI+MTEII)	End Term Test (ETE)	Total Marks
15	5+5	75	100

Name of The Course	Midwifery and obstetrical nursing (practical)
Course Code	BSCN4004
Prerequisite	Knowledge regarding abnormal antenatal, intranatal, postnatal and newborn assessment Knowledge regarding conducting normal and abnormal delivery
Corequisite	Maternal and child health nursing lab with models, dummy, charts, logbook
Antirequisite	

	L	T	P	C
	0	0	3 CLINICAL	3 CLINICAL

Course Objectives: This course is designed for students to appreciate the concepts and principles of midwifery and obstetrical nursing. It helps them to acquire knowledge and skills in rendering nursing care to normal and high risk pregnant woman during antenatal, natal and post natal periods in hospitals and community settings. It also helps to develop skills in managing normal and high risk neonates and participate in family welfare programme.

Course Outcomes

CO1	Assess, educate and manage high risk pregnant women during antenatal, intranatal and postnatal period
CO2	Prepare high risk mother and family for parenthood.
CO3	Assess and provide nursing care to normal and sick newborn
CO4	Counsel and motivate mother for using family welfare services and contraceptive methods.

Text Book(s) 1. Myles. "Textbook for midwives". 7th edition 2004; Churchill Livingstone. 2. D.C. Dutta. Textbook of Obstetrics. 6th edition 2004; New central book agency

Reference Book(s)

Orshan - Maternity Nursing, 2009, LWW

Ricci - Essentials of

maternity nursing, 2009, Lippincott's 3. William's Obstetrics, 2009, Mcgrahill Lowdermilk -

Maternity Nursing, 2008, Elsevier

<p>Unit-1 Assessment of high risk pregnant women 60 hours</p> <p>Assessment of risk status Antenatal history taking Physical examination, Recording of Weight & B.P, Hb. & Urine testing for sugar and albumin, Antenatal examination - abdomen and breast, Immunization, Teaching antenatal mothers, Maintenance of Antenatal records</p>
<p>Unit-2 Assessment of Woman in labour 120 hrs</p> <p>Per vaginal examinations and interpretation, Monitoring and caring of woman in labour, Maintenance of partograph, Conduct normal delivery, Newborn assessment and immediate care, Resuscitation of newborns. Assessment of risk status of newborn Episiotomy aids suturing, Maintenance of labour and birth records, Arrange for and assist with Cesarean section and care for woman & baby during Cesarean Arrange for and assist with MTP and other surgical procedures</p>

Unit-3 Examination and assessment of mother and Baby 120hrs Identification of deviations, Care of postnatal mother and baby Perineal care, Lactation Management, Breastfeeding, Baby bath, Immunization, Teaching postnatal mother: Mothercraft, Postnatal care & Exercises Immunization
Unit-4 Newborn assessment 70hrs Admission of neonates, Feeding of at neonates risk, Katorispoon, paladi, tube feeding, total parenteral nutrition Thermal management of neonates-kangaroo mother care, care of baby in incubator Monitoring and care of Neonates Administering medications. Intravenous therapy Assisting with diagnostic procedure Assisting with exchange transfusion Care of baby on ventilator Phototherapy Infection control protocols in the nursery, Teaching and counseling of parents Maintenance of Neonatal
Unit-5 Family planning clinic 30hrs Insertion of IUD, Teaching on use of family planning methods, Arrange for and Assist with family planning Operations, Maintenance of records and reports

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Test (MTE 1 + MTE 2)	End Term Test (ETE)	Total Marks
50	NA	50	100

Name of The Course	Community health Nursing-III Including integrated MLHP (PRACTICAL)			
Course Code	BSCN4005			
Prerequisite	Knowledge regarding CHN-I			
Corequisite	Community health nursing labs, charts, community bags, logbook			
Antirequisite	NA			
	L	T	P	C
	0	0	2.5	2.5

Course Objectives:

To enable students to identify prevalent communicable and non-communicable diseases in community
 To enable students to acquire knowledge and diagnose health needs of individual, families and community
 To understand the importance of vital health statistics in the community
 To encourage the students to participate in various health programs in the community

CO1	Perform community survey to identify community profile, diagnose health needs and problems, plan, provide and evaluate health care and collect vital statistics
CO2	Participate in school health program, national health programs, family welfare services, immunization, and council and educate public towards promotion of their health.

Text Book(s)

K. Park – Textbook of Social and Preventive Medicine, Bannott Publishers
 K.K. Gulani “Community Health Nursing” 2nd edition, Kumar Publishing House Manivanan C, Latha Manivannan T, 1st edition, Jaypee Brothers Publishers

Reference Book(s)

Mary Jo Clark “Community Assessment Reference Guide” 2nd edition 2015
 Stanhope, Marcia “Quick reference to community health nursing : Process and practice for promoting health” 3rd edition, 1992, Mosby publishers

Unit-1 Community health nursing	135hrs
Community health survey, Community diagnosis Family care: Home adaptation of common procedures Home visit: Bag technique Organize and conduct clinics- antenatal, postnatal, well baby clinic, camp etc Screen manage and referrals for: High risk mothers and neonates, Accidents and emergencies Illnesses: Physical and mental Disabilities Conduct delivery at centre/home: episiotomy and suturing, Resuscitate newborn School Health programme, Screen, manage, refer children Collaborate with health and allied agencies Train and supervise health workers Provide family welfare services: insertion of IUD, Counsel and teach individual, family and community about: HIV, TB, Diabetes, hypertension, Mental health, adolescents, elderly health, Physically and mentally challenged individual etc Collect and calculate vital health statistics Document and maintain: Individual, family and administrative records, write reports centre, disease, national health programme/projects	
Unit2- Community health posting in urban areas	195hours
Integrated practice and group project- 1 in each rural and urban areas	

ContinuousAssessmentPattern

InternalAssessment(IA)	EndTermTest(ETE)	TotalMarks
50	50	100

Name of TheCourse	Internship(PRACTICAL)
CourseCode	BSCN4006
Prerequisite	Knowledgeregardingallnursingsubjects
Corequisite	Communityhealth nursinglabs,maternalandchildhealth nursinglab,,nursingfoundationlab,charts, communitybags,logbook
Antirequisite	NA

	L	T	P	C
	0	0	19	19

COURSE OUTCOMES:

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

- CO1: Acquires skills and practice midwifery and obstetrical nursing
 CO2: Demonstrates skills and practice in community health setting
 CO3: Demonstrates skills and practice in managing various medical & surgical conditions
 CO4: Demonstrates skills and practice in managing various pediatric conditions
 CO5: Demonstrates skills and practice in managing various mental health problems
 CO6: Conduct research project by utilizing all the steps of research methodology and write research report. Internship (integrated practice)

Subject	Theory	Practical (in hrs)	In weeks
1. Midwifery and obstetrical nursing		240	5
2. Community health nursing-II		195	4
3. medical and surgical nursing (adult and geriatrics)		430	9
4. child health nursing		145	3
5. mental health nursing		95	2
6. Research project		45	1
	Total hours	1150	24

Project work to be carried out during internship

Internship means 8 hours of integrated clinical duties in which 2 weeks of evening and night shift duties are included. Internship should be carried out as 8 hours per day @ 48 hours per week. Fourth year final examination to be held only after completing internship.