



GALGOTIAS UNIVERSITY

Syllabus of B.Sc.Nursing

Galgotias School of Nursing

Name of School: _____
Nursing

Department: _____

2018-19

Year: _____

School of Nursing

Vision- To be globally recognized for the state-of-art value based nursing education, nursing service and multidisciplinary research to meet the health care needs of country.

Mission-

1. Establish state of art infrastructure and simulation laboratories for providing nursing education, research and practice so that the nurses can provide safe and quality care to the patients in all settings.
2. Promote professionalism by fostering ethical and value driven education by aligning curriculum as per National health goal.
3. Collaborate with health care and community health institutions to impart practical training for nurses to work effectively in their professional career at national and global level.
4. Organize outreach programs for wellness of vulnerable groups of society for socio-economic development of the country.

Program Educational Objectives- B.Sc. nursing students after obtaining graduation degree in nursing will be able to achieve the following objectives after few years of their professional career:

PEO 1: Have a successful career in nursing education, nursing service and innovative research and assume responsibilities as professional, competent nurses to provide preventive, promotive, curative and rehabilitative services in line with the National Health goals to all the section of the society at all levels by utilizing evidence based Nursing practice.

PEO2: Utilize latest trends and emerging technologies and demonstrate critical thinking skills in making decisions in all situations in order to provide quality and safe patient care.

PEO3: Demonstrate leadership and managerial skills and participate effectively as members of the health team in the delivery of health care in hospital and community setting.

PEO4: Practice within the framework of code of ethics and professional conduct and acceptable standards of practice within the legal boundaries of profession.

PEO5: Communicate effectively with individuals, groups and multidisciplinary team in order to promote effective interpersonal relationship and team work towards advancement of self, profession and nation.

PEO6: Able to perform in global work environment and adapt their values and culture

PEO7: Capable of conducting research in nursing education, nursing service and community health nursing in order to provide evidence based nursing care.

PEO8: Capable of achieving higher career ladder by acquiring higher education in nursing to occupy higher position and status in nursing education, nursing research, nursing administration and nursing service.

Program Specific Objectives- Upon graduation, students will be able to:

1. Assess and identify the health needs and problems of adopted community in rural India and plan, organize and implement health education/awareness programs for upliftment of underprivileged and vulnerable groups of society as a part of National development activities.
2. Demonstrate some of the basic procedures, basic life support and advanced life support training to all the faculties, students and responsible members of the community by using a state of art advanced simulation laboratories and CPR simulator models.
3. Participate in National health programmes, disaster management, epidemic outbreak or any emergency event in the country.

Program Outcomes- On completion of the four years B.Sc. Nursing programme the graduates will be able to:

1. Engage in advance nursing practice based on the integration of knowledge from nursing, physical, biological, behavioral, humanity sciences including alternative system of medicine and ethical principles and professional code of conduct.
2. Demonstrate understanding of life cycle and other factors which effect health of individuals and groups.
3. Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
4. Demonstrate critical thinking skills in making decision in all situations in order to provide safe quality patient care.
5. Utilize health information system and state of art advanced technologies and simulation labs to support lifelong learning, ensure safe practice environment, optimize health care outcomes and promote patient self management in his daily activities.
6. Provide promotive, preventive, curative and restorative health services in line with the national health policies and programmes.
7. Collaborate with multidisciplinary health team and communicate effectively with individuals and groups, and members of the health team in order to promote effective interpersonal relationship and team work in order to achieve better health outcomes of the people.
8. Demonstrate leadership and managerial skills in nursing education, practice and innovative research to improve health care quality, safety and better patient outcome.
9. Design and apply culturally responsive patient centered, evidence based activities for health improvement of population in order to promote socio economic development of nation.
10. Provide population focus care incorporating the concept of health promotion, disease and injury prevention in all the settings of health care delivery system.
11. Participate in advancement of profession by attending continuing education program, conducting workshop, attending national and international nursing conferences pursue further professional advanced studies and engage in lifelong learning.
12. Conduct need based research studies in nursing education, nursing service and community health nursing and utilize the findings in providing evidence based nursing care in the hospital and community setting.

Curriculum

1 st year									
Sl. No	Course Code	Name of the Course					Assessment Pattern		
			L	T	P	C	IA	CAT	ETE
1	BSCN1001	ANATOMY AND PHYSIOLOGY	4	0	0	4	10	7.5+7.5	75
2	BSCN1002	NUTRITION AND BIOCHEMISTRY	3	0	0	3	10	7.5+7.5	75
3	BSCN1003	NURSING FOUNDATIONS (THEORY)	9	0	7	16	10	7.5+7.5	75
4	BSCN1004	PSYCHOLOGY	2	0	0	2	10	7.5+7.5	75
5	BSCN1005	MICROBIOLOGY	2	0	0	2	10	7.5+7.5	75
6	BSCN1006	ENGLISH	2	0	0	2	10	7.5+7.5	75
7	BSCN1007	INTRODUCTION TO COMPUTERS	1	0	1	2	10	7.5+7.5	75
8	BSCN1008	NURSING FOUNDATIONS (PRACTICAL)	0	0	8 clinical	8 clinical	100	NA	100
Total			23	0	16	39	170	105	625
II nd year									
Sl No	Course Code	Name of the Course					Assessment Pattern		
			L	T	P	C	IA	CAT	ETE
1	BSCN2001	SOCIOLOGY theory	2	0	0	2	10	7.5+7.5	75
2	BSCN2002	PHARMACOLOGY, PATHOLOGY & GENETICS theory	3	0	0	3	10	7.5+7.5	75
3	BSCN2003	MEDICAL SURGICAL NURSING-I (THEORY)	7	0	0	7	10	7.5+7.5	75
4	BSCN2004	COMMUNITY HEALTH NURSING-I (THEORY)	3	0	0	3	10	7.5+7.5	75
5	BSCN2005	COMMUNICATION & EDUCATION TECHNOLOGY theory	3	0	0	3	10	7.5+7.5	75
6	BSCN2006	MEDICAL SURGICAL NURSING-I (PRACTICAL)	0	0	12 clinical	12 clinical	100	NA	100

7	BSCN2007	COMMUNITY HEALTH NURSING-I (PRACTICAL)	0	0	3 clinical	3 clinical	NA	NA	NA
		Total	18	0	15	33	150	75	475

IIIrd year

Sl No	Course Code	Name of the Course					Assessment Pattern		
			L	T	P	C	IA	CAT	ETE
1	BSCN3001	MEDICAL SURGICAL NURSING-II (THEORY)	4	0	0	4	10	7.5	75
2	BSCN3002	CHILD HEALTH NURSING (THEORY)	3	0	0	3	10	7.5	75
3	BSCN3003	MENTAL HEALTH NURSING (THEORY)	3	0	0	3	10	7.5	75
4	BSCN3004	MIDWIFERY & OBSTETRICAL NURSING (THEORY)	1.5	0	0	1.5	10	7.5	75
5	BSCN3005	NURSING RESEARCH & STATISTICS theory	1.5	0	0	1.5	10	7.5	75
6	BSCN3006	ENVIRONMENTAL STUDIES theory	1.5	0	0	1.5	10	7.5	75
7	BSCN3007	MEDICAL SURGICAL NURSING-II (PRACTICAL)	0	0	4.5 clinical	4.5 clinical	50	NA	50
8	BSCN3008	CHILD HEALTH NURSING (PRACTICAL)	0	0	4.5 clinical	4.5 clinical	50	NA	50
9	BSCN3009	MENTAL HEALTH NURSING (PRACTICAL)	0	0	4.5 clinical	4.5 clinical	50	NA	50
10	BSCN3010	MIDWIFERY & OBSTETRICAL NURSING (PRACTICAL)**	0	0	3 clinical	3 clinical	NA	NA	NA
		Total	14.5	0	16.5	31	210	90	600

IVth year

Sl No	Course Code	Name of the Course					Assessment Pattern		
			L	T	P	C	IA	CAT	ETE
1	BSCN4001	MIDWIFERY & OBSTETRICAL NURSING (THEORY)	1.5	0	0	1.5	10	7.5+7.5	75
2	BSCN4002	COMMUNITY HEALTH NURSING-II (THEORY)	3	0	0	3	10	7.5+7.5	75

3	BSCN4003	MANAGEMENT OF NURSING SERVICES & EDUCATION (THEORY)	2	0	1	3	10	7.5+7.5	75
4	BSCN4004	MIDWIFERY & OBSTETRICAL NURSING (PRACTICAL)	0	0	3 clinical	3 clinical	50	NA	50
5	BSCN4005	COMMUNITY HEALTH NURSING-II (PRACTICAL)	0	0	2.5 clinical	2.5 clinical	50	NA	50
6	BSCN4006	INTERNSHIP	0	0	19 (1150 hours clinical posting)	19 (1150 hours clinical posting)	100 50(research project)+50(Clinical Evaluation)	NA	NA
Total			6.5	0	25.5	32	230	45	325

PINK-EMPLOYABILITY

GREEN-SKILL DEVELOPMENT

Detailed Syllabus

School of Nursing

Name of The Course	Anatomy & Physiology			
Course Code	BSCN1001			
Prerequisite	10+2 with PCB 55%			
Co-requisite	Anatomy physiology lab with models, charts, log book, Group projects, Video film, Anatomy & Physiology Atlas.			
Anti-requisite	NA			
	L	T	P	C
	4	0	0	4

Course Objectives

1. To enable students to acquire knowledge of normal structure of human body system
2. To enable students to acquire knowledge of normal functions of each body system
3. To identify any deviations from normal to abnormal
4. 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.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

Unit-1 Introduction to Anatomical terms organization of the human body and Cell Physiology

5 + 4

hours

Anatomy

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

Unit-2 The Skeletal System

6+4 hours

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

Unit-3 The Muscular System

7+4 hours

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

Unit-4 The nervous System

6+7 hours

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, Reflex action and reflexes, Automatic functions –Pain: somatic, visceral and referred, Automatic learning and biofeedback

Alterations in disease, Applications and implications in nursing

Unit-5 The Sensory Organs**6+4 hrs****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

Unit -6 Circulatory and lymphatic system**7+8 hrs****Anatomy**

The Circulatory System: Blood – Microsoft structure, Structure of Heart, Structure of blood vessels- Arterial & Venous System, Circulation: Systemic, pulmonary,

coronary, Lymphatic System, 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+6 hrs****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+6 hrs**

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, gall bladder and pancreas. Metabolism of carbohydrates, protein and fat.

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

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+5 hrs****Anatomy**

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

Physiology

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

Unit – 11 Reproductive System including breast**4+5 hrs****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

Suggested Reading**Text Book (s)**

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

Reference Book (s)

1. Chaurasia – Human Anatomy, 2005, CBS Publishers
2. Standring - Gray's Anatomy, 2006, Elsevier
3. Snell – Clinical Anatomy by Regions, WK.

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

Course Objectives

1. To enable students to acquire knowledge of the classification, functions, sources and recommended daily allowances of food in health and disease conditions.
2. To enable students to acquire knowledge in metabolism of Fat, Carbohydrates and Proteins.

3. Describe the classification, functions, sources and recommended daily allowances (RDA) of Fats, carbohydrates, proteins, and water. (N)
4. 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)
5. 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 immunochemistry 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.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

Unit-1 Describe the relationship between nutrition & Health (N)

Introduction To Biochemistry (B)

4+3 hrs

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, life style 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 over consumption.

Biochemistry: Composition and metabolism of Carbohydrates: Types, structure, composition and uses: Monosaccharide, Disaccharides, Polysaccharides Oligosaccharides, Metabolis: 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, Hemes 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, Over consumption 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, Over hydration, 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)

7 hrs

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

School of Nursing

Suggested Reading

Text Book (s)

1. 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
2. Text book of Biochemistry for Nurses , year: 2011

Reference Book (s)

1. Medical Biochemistry for nurses as per INC, DR. SHWETA SINGH, Kumar publisher
2. Nutrition and health for nurses, by AK JAIN, Anchal publishing co

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

Name of The Course	Nursing Foundations			
Course Code	BSCN1003			
Prerequisite	10+2 PCB 55%			
Co-requisite	Demonstration, Group projects, Video film, charts			
Anti-requisite	NA			
	L	T	P	C
	9	0	7	16

Course Objective

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 Outcomes

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 peri operative 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

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

Unit-1 Introduction

10HRS

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 Levels of Disease Prevention, Primary health care and its delivery: Role of nurse.

Unit-2 Nursing as a profession

16HRS

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	4HRS
Admission to the hospital, Unit and its preparati admission bed, Admission procedure Spec considerations, Medico-legal issues Roles a Responsibilities of the nurse, Discharge from the hospit - Types: Planned discharge, LAMA and abscon Referrals and transfers, Discharge Planning, Dischar procedure, Special considerations, Medico--legal issu Roles and Responsibilities of the nurse, Care of the u 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	15HRS

Critical Thinking and Nursing Judgment Critic Thinking: Thinking and Learning, o Competencie Attitudes for Critical Thinking, Levels of critical thinki 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	4HRS
• 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	15HRS
Importance, Guidelines for taking vital signs: Bo temperature: Physiology, Regulation, Factors affecti body temperature, Assessment of body temperature: sito equipments and technique, special consideratio Temperature alterations: Heatstroke, Hypothermia H and cold applications , Pulse Physiology and Regulatio Characteristics of the pulse, Factors affecting pul Assessment of pulse: sites, location, equipments a technique, special considerations, Alterations in puls	

Respiration: Physiology and Regulation, Mechanics of breathing, Characteristics of the respiration, Factors affecting respiration. Assessment of respiration technique, special considerations, Alterations in respiration
 Blood pressure: Physiology and Regulation, Characteristics of the blood pressure, Factors affecting blood pressure
 Assessment of blood pressure: site, equipments and technique, special considerations
 Alterations in blood pressure, Recording of vital signs.

UNIT-8 Health Assessment

30HRS

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

5HRS

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

UNIT-10 Meeting needs of patient

60HRS

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 of the Skin-Bath and pressure points, feet and nails
 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
 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 bowel elimination: 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 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 o Recreational and diversional therapies.

UNIT-11 Infection control in clinical settings

20HRS

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 antisepsis and surgical antisepsis (scrub) - Isolation: source and protective Personal protecting equipments: types, uses and techniques of wearing and removing - Decontamination of equipment and unit - Transportation of infected patients - Stand-

safety precautions (Universal precautions) - Transmissible 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.

UNIT-12 Administration of medication

40HRS

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 of drug, Broader 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 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, needle, canula, and infusion sets, Protection from Needle stick Injuries : Giving Medications with a safety syringe 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 Nurses responsibility.- Advanced techniques: epidural, intra-thecal, intra-osseous, intraperitoneal, intra-plural, intra-arterial-Role of nursing Topical Administration: purposes, site, equipment, procedure, special considerations for Application to Skin Application to mucous membrane- Direct application of liquids-Gargle and swabbing the throat- Insertion of Dr

into body cavity: Suppository, medicated packing rectum/vagina- Instillations:, Ear, Eye, Nasal, Bladder and Rectal- Irrigations: Eye, Ear, Bladder, Vaginal and Rectal- Spraying: Nose and throat Inhalation: Nasal, oral, endotracheal (steal oxygen and medications) purposes, types, equipment procedure, special considerations
- Recording and reporting of medications administered.

UNIT-13 Meeting needs of Peri-operative patients

10HRS

Definition and concept of Peri operative Nursing
Preoperative Phase- Preparation of patient for surgery
Intra-operative, Operation theatre Set up and environment., Role of nurse, Postoperative Phase
Recovery unit
Post operative 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 Drainage- Application of Bandages, Binders, Splints & Slings- Heat and Cold Therapy and Healing.

UNIT-14 Meeting special needs of patient

15HRS

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
Self-Care ability - Communication Methods and special considerations - Mobility (physically challenged, case assessment of Self-Care ability: Communication Methods and special considerations - Mental state (mentally challenged), assessment of Self-Care ability; Communication Methods and special considerations
Respiration (distress); Types, Assessment, Management
Comfort - (Pain) - Nature, Factors influencing Pa

Coping, Assessment, Management; Treatment related gastrointestinal system: nasogastric suction, gastric irrigation, gastric – analysis

UNIT-15 Care of Terminally ill patient

5HRS

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

UNIT-16 Professional Nursing concepts and practices

5HRS

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's, Neuman's, Roger's and Roy's Linking theories with nursing process.

School of Nursing Suggested Reading

Text Book (s)

1. Taylor – Fundamentals of Nursing, 2007, LWW
2. Kozier – Fundamentals of Nursing, 2007, Pearson
3. Potter – Basic Nursing, 2008, Elsevier

Reference Book (s)

- 1 Lynn – Taylor's Clinical Nursing Skills, 2008, LWW
2. Craven – Fundamentals of Nursing, 2010, LWW
3. LWW – Lippincott's Nursing Procedure, 2008, LWW.
4. Jacob – Clinical Nursing Skills & Procedures,

2008,Jaypee

Name of The Course	Psychology			
Course Code	BSCN1004			
Prerequisite	10+2 PCB 55%			
Co-requisite	Demonstration, Group projects, Video film, charts			
Anti-requisite	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.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

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	7HRS
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 controls of behavior, Nature of behaviour of an organism/Integrated_responses.	
Unit-3 Cognitive processes	24HRS
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; 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	
Unit-Motivation	12HRS
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 & referr 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.	
Unit-5 Personality	9HRS
Definitions, topography, types, Theories, Psychometric assessments of personality, Alterations in personality, Applications, Alterations in disease, Applications and implications in nursing	
UNIT-6 Developmental psychology	9HRS
Psychology of people at different ages from infancy to old age.,Psychology of vulnerable individuals- challenged, women, sick, etc.,Psychology of groups.	

UNIT-7 Mental hygiene and mental health**11HRS**

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.

UNIT-8 Psychological assessment & tests**6HRS**

Types, development, Characteristics, Principles, Uses, Interpretations and Role of nurse in psychological assessment.

School of Nursing**Suggested Reading**

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.
2. I Clement – Textbook on Psychology, 2016, Jaypee.
3. Madhavi & pratibha – A Textbook of Psychology,2015, Vijayam Publications

Name of The Course	Microbiology
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Course Code	BSCN1005			
Prerequisite	10+2 PCB 55%			
Co-requisite	Demonstration, Group projects, Video film, charts			
Anti-requisite	NA			
	L	T	P	C
	2	0	0	2

Course Objectives

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.

Course Outcomes

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 microorganism 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.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

Unit-1 Introduction	5 HRS
Importance and relevance to nursing, Historical perspective, Concepts and terminology, Principles of microbiology	
Unit-2 General Characteristics of Microbes	14+7HRS
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	14+2HRS
Infection: Sources, portals of entry and exit, transmission, Asepsis, Disinfection; Types and methods, Sterilization; Types and Methods, Chemotherapy and antibiotics, Standard 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	

Reference Book (s)

1. Dr. Reeba Kanungo – Ananthanarayan and Paniker's Textbook of Microbiology, 10th Edition, Jaypee
2. CP Baveja – Textbook of Microbiology ,6th Edition, 2019, Arya Publications

the unit/hospital, nurse's accountability, continuing education etc	
Unit-4 Pathogenic organisms	16+6
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	11+5HRS
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.	

Suggested Reading

Text Book (s)

1. Dr. C.P Baweja – Textbook of Microbiology for Nursing , 2007, Jaypee
3. Anju Dhir– Textbook of Microbiology for BSc & Post Basic Nursing Students , 2019, Atithi Medical Books.
3. Apurba S Sastry –Essentials of Microbiology ,2018.
4. Apurba S Sastry – Review of Microbiology and Immunology ,2019,

Name of The Course	ENGLISH
Course Code	BSCN1006
Prerequisite	10+2 with PCB 55%

Co-requisite	10+2 PASS WITH ENGLISH AS COMPULSARY SUBJECT, Group Projects, Video Film Of English Authors, English Films			
Anti-requisite	NA			
	L	T	P	C
	2	0	0	2

Course Objectives

1. Speak and write grammatically correct English.
2. Develop ability to read, understand and express meaningfully the prescribed text.
3. Develop skills in spoken English.
4. Develop skill in listening, comprehension.

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 writing skills
CO4	Develop skills in spoken English such as oral report, discussion, debate, telephonic conversation
CO5	Develop skills in listening, comprehension such as media, audio, video, speeches etc.to communicate with patients and their families in hospital setting and community.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

Unit-1 Introduction to English	10 hrs
Review of Grammar Remedial study of Grammar, Building Vocabulary,	

Phonetics, Public Speaking.
Demonstrate use of dictionary, Class room Conversion, Exercise on use of grammar, Practice in public speaking

Unit-2 Develop ability to read, understand and express meaningfully

30 hrs

the prescribed text, Read and comprehend prescribed course books

Reading, Summarizing, Comprehension

Unit-3 Various forms of Composition

10 hrs

Letter writing, Note taking, Precise writing, Nurses notes, Anecdotal records, Diary writing, Reports on health problems etc., Resume/CV

Letter writing, Nurses Notes, Precise, Diary, Anecdote, Health problems, Story writing, Resume/CV, Essay Writing, Discussion on written reports/ documents

Unit-4 Spoken English

6 hrs

Oral report, Discussion, Debate, Telephonic Conversation

Debating, Participating in Seminar, panel, symposium, Telephonic Conversation

Unit-5 Learning Comprehension

4 hrs

Media, audio, video, speeches etc

Listening to audio, video tapes and identify the key points

1. Selva Rose. 1997, Career English for Nurses. Cheiu;ai: Oient Longnan Ltd.
2. Thomson A. J. and Maitüiet A. V. 1987, A 1icticl English Grammar, Delhi: Oxford University Press.

Reference Book (s)

1. General English for B.Sc Nursing, 1st edition, Meena sharma
2. O' Connor J. D, 1986. Better English h'onuwiation. Cambridge: University Press.
3. By water F. V. A. 1982, Proficincy Course in Enish. London: 1-lodder and Strongliton.
4. Oxford advanced Leaiiers Dictionary, 1996

Name of The Course	Nursing Foundations Practical			
Course Code	BSCN1008			
Prerequisite	10+2 PCB 55%			
Co-requisite	Demonstration, Group projects, Video film, charts			
Anti-requisite	NA			
	L	T	P	C
	0	0	8	8

Course Objectives

This course is designed to help the students to develop and understanding of the philosophy, objectives,

**School of Nursing
Suggested Reading**

Text Book (s)

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.

Continuous Assessment Pattern

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

Course Content:

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, Giving care as per the plan.	
Unit-3 Communication & Reporting	5HRS
Use verbal & non verbal communication techniques, prepare a plan for patient teaching session, change of shift reports, transfer reports, Incident reports etc. , present patients report.	
Unit-4 Vital Signs	5HRS
Measure, Records 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 & fowlers 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

15HRS

Perform following procedures- Hand washing techniques, Simple, Hand antiseptics, surgical antiseptics (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

15HRS

Skin preparation for surgery, Preparation of post operative unit, Pre and post operative teaching and counseling, pre and post operative 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

30HRS

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,

Administers 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

5HRS

Caring & Packing of the dead body, counseling & supporting grieving relatives, Terminal care of the unit.

School of Nursing

Suggested Reading

- Text Book (s) 1. Taylor – Fundamentals of Nursing, 2007, LWW
 2. Kozier – Fundamentals of Nursing ,2007, Pearson
 3. Potter – Basic Nursing ,2008, Elsevier
 Reference Book (s) 1 Lynn – Taylor’s Clinical Nursing Skills, 2008, LWW
 2. Craven – Fundamentals of Nursing ,2010, LWW
 3. LWW – Lippincott’s Nursing Procedure, 2008, LWW.
 4. Jacob – Clinical Nursing Skills & Procedures ,2008, Jaypee

Name of The Course	Introduction to computer			
Course Code	BSCN1007			
Prerequisite	10+2 with PCB 55%			
Co-requisite	Computer Lab, Group projects, Video film			
Anti-requisite	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

2. To enable students to demonstrate skill in the use of MS Office, internet and Email and multi-media.
3. To Identify features of computer aided teaching and testing
4. To apply knowledge of computer to describe and use the statistical packages and the use of Hospital Management System

Course Outcomes

CO1	Acquire basic knowledge and skills of computer science and its application in Nursing, education, research and service.
CO2	Demonstrate and develop skills in preparing multimedia and its utility in teaching learning process.
CO3	Describe the use of various statistical packages used in hospital/nursing management system.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

<p>Unit-1 Introduction</p> <p>3hours</p> <ul style="list-style-type: none"> ● Concepts of Computers ● Hardware and software; trends and technology ● Application of computers in nursing. <p>Charts</p>
<p>Unit-2 Introduction to disk – operating system</p> <p style="text-align: right;">6 hours</p> <ul style="list-style-type: none"> ○ DOS ○ Windows (all version) <p>* Introduction</p> <ul style="list-style-type: none"> ○ MS-Word ○ MS-Excel with pictorial presentation

<ul style="list-style-type: none"> ○ MS-Access <p>MS-Power point</p>
<p>Unit-3 Multimedia</p> <p style="text-align: right;">2 hrs</p> <p>Multimedia; types & uses</p> <p>* Computer aided teaching & testing</p>
<p>Unit-4 Internet</p> <p style="text-align: right;">1 hr</p> <p>Use of Internet and: e-mail</p>
<p>Unit-5 Statistical Packages</p> <p style="text-align: right;">2 hr</p> <p>* Statistical packages: types and their features</p>
<p>Unit-6 Hospital Management</p> <p style="text-align: right;">1 hr</p> <p>* Hospital Management System: Types and uses</p>

School of Nursing

Suggested Reading

Text Book (s)

1. Sood Ranju. "Computer for Nursing".1st edition 2014; Avichal.
2. Shendurnikar Niranjana. "Computer for Nurses". 1st edition 201y; Jaypee brothers.

Reference Book (s)

1. Nursing informatics:Scielo.br

Name of The Course	Sociology			
Course Code	BSCN2001			
Prerequisite	10+2 with PCB 55%			
Co-requisite	Sociology books			
Anti-requisite	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 Outcomes

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 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.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment test (CAT)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

<p>Unit-1 INTRODUCTION</p> <p>Definition of Sociology Nature and Scope of the discipline</p>	1 hour
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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

5

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

6

Hours

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

Unit-5 Population

8

Hours

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</p> <p>Hours Family- Functions</p> <ul style="list-style-type: none"> • 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>The growth of cities: Urbanization and its impact on health and health practices</p>
<p>Unit-7 Social stratification meaning and types of social stratification 9 Hours</p> <p>The Indian Caste System- origin & features, Features of Caste in India Today</p> <ul style="list-style-type: none"> • 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-9 Social change 6</p> <p>Hours</p> <ul style="list-style-type: none"> • Nature and process of Social Change • Factors influencing Social change: cultural change, Cultural lag. • Introduction to Theories of social change: Linear, Cyclical, Marxian, Functional <p>Role of nurse-Change agents</p>
<p>Unit-8 Types of communities in India 8</p> <p>Hours</p> <p>Types of Communities in India (Rural, Urban and Regional)</p> <p>Features of village ,community& Characteristics of Indian villages- Panchayat system, social dynamics</p> <p>Community Development, project & planning</p> <p>Changes in Indian Rural Life, Availability of health facilities in rural and its impact on health and health practices</p> <p>Urban Community features</p>	<p>Unit-10 Social organization and social system 6</p> <p>Hours</p> <ul style="list-style-type: none"> • 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 <p>Inter-relationship of institutions</p>
<p>Unit-11 Social Control 4</p> <p>Hours</p> <ul style="list-style-type: none"> • Nature and process of social control • Political, Legal, Religious, Educational, Economic, Industrial and Technological systems, Norms & Values- Folkways & Mores, Customs, Laws and Fashion <p>Role of Nurse.</p>	<p>Unit-12 Social problems 17</p> <p>Hours</p> <p>Social disorganization</p> <ul style="list-style-type: none"> • 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

School of Nursing

Suggested Reading

Text Book (s)

1. KP Neeraja "Text book of Sociology for nursing students". 1st edition 20014; Jaypee publishers
2. TK Indrani " Text book of sociology for nurses" 2nd th edition 2012; Jaypee publishers
3. Jyoti Srivastava " Textbook of sociology for nursing students" 2st edition 2016, Kumar Publishing House

Reference Book (s)

1. I Clement " Sociology for nurses" 2nd edition 2010, pearson publishers
2. Krishne Gowda " sociology for nurses" 2nd edition , CR Publishing house
3. Karen willis and Shandell Elmer " Society, culture and health " 1st edition, Oxford publications

Name of The Course	Pharmacology, Pathology ,Genetics
Course Code	BSCN2002
Prerequisite	KNOWLEDGE of anatomy ,physiology and microbiology
Co-requisite	Pathology lab with models, charts, log book, Group projects, Video film, Pathology Atlas, Pharmacology lab with models, charts, log book, Group projects, Video film, Pharmacology Atlas Genetic lab with models, charts, log book, Group projects

Anti-requisite				
	L	T	P	C
	3	0	0	3

Course Objectives

1. This course is designed to enable students to acquire knowledge of pathology of various disease conditions and apply this knowledge in practice of nursing.
2. This course is designed to enable students to acquire understanding of Pharmacodynamics, Pharmacokinetics and Principles of Therapeutics and Nursing implications.
3. This courses 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.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

PATHOLOGY

Unit-1INTRODUCTION

5 hours

Importance of the study of pathology, Definition of terms, Methods and techniques, Cellular and Tissue changes, Infiltration and regeneration, Inflammations and Infections, Wound healing, Vascular changes, Cellular growth, Neoplasms Normal and Cancer cell, Benign and Malignant growths, In situ carcinoma, Disturbances of fluid and electrolyte imbalance.

Unit-2 Pathological changes in disease conditions of various systems:

14 Hrs

Respiratory tract-Tuberculosis, Bronchitis, Pleural effusion and pneumonia, Lung abscess, emphysema, bronchieatasis, Bronchial asthma, Chronic obstructive Pulmonary disease & tumours.

Cardiovascular system

Pericardial effusion, Rheumatic heart disease, Infective endocarditis, atherosclerosis, Ischemia, infarction &

aneurysm

Gastro Intestinal Tract

- Peptic ulcer, typhoid,

Carcinoma of GI tract - buccal, Esophageal, Gastric & intestinal, Liver, Gall bladder & pancreas, Hepatitis, Chronic liver abscess, cirrhosis, Tumours of liver, gall bladder and pancreas, Cholecystitis

- Kidneys & Urinary tract

- Glomerulonephritis, pyelonephritis, Calculi, renal failure, renal, carcinoma & cystitis

- Male genital systems

Cryptorchidism testicular, atrophy, Prostatic hyperplasia, Carcinoma Penis & prostate

- Female genital system.

Fibroids, Carcinoma cervix and Endometrium,

Vesicular mole, choriocarcinoma, Ectopic gestation, Ovarian cyst & tumours, Cancer Breast.

Central Nervous system

Hydrocephalus, Meningitis, encephalitis,

Vascular disorders

Thrombosis, embolism, Stroke, paraplegia,

quadriplegia - Tumours, meningiomas	
Unit-3 Clinical pathology Hours Various blood and bone marrow tests in assessment and monitoring of disease conditions Hemoglobin .RBC. White cell & platelet counts, Bleeding time, clotting time and prothrombine time, Blood grouping and cross matching, Blood chemistry, Blood culture, Serological and immunological tests, Other blood tests, Examination of Bone marrow, Methods of collection of blood, specimen for various clinical, pathology, biochemistry, microbiology tests, inference and normal values	6
Unit-4 Examination of body cavity fluids, transudates and exudates 4 Hours The laboratories tests used in CSF analysis, Examination of other body cavity fluids, transudates and exudates sputum, wound discharge etc. Analysis of gastric and duodenal contents. Analysis of semen-sperm count, motility and morphology and their importance in infertility. Methods of collection of CSF and other cavity fluids specimen for various clinical pathology, biochemistry, microbiology tests, inference and normal values.	
Unit-5 Urine and Faeces Hour Urine - Physical characteristics, Analysis, Culture and sensitivity. Faeces Characteristics, Stool examination: occult blood, ova, parasite and cyst, reducing substance etc. Methods of collection for various tests, inference and normal values.	1

PHARMACOLOGY**Unit-1 Introduction to Pharmacology**
8 Hours

- Definitions •Sources •Terminology used •Types: Classification •Pharmacodynamics: Actions, therapeutic,
- Adverse, toxic •Pharmacokinetics:absorption, distribution, metabolism, interaction, excretion
- Review: Routes and principles of administration of drugs •Indian pharmacopoeia: Legal issues • Rational use of drugs
- Principles of therapeutics

Unit-2 Chemotherapy**6****Hours**

Pharmacology of commonly used; Penicillin Cephalosporins. Aminoglycosides, Macrolide & Broad Spectrum Antibiotics, Sulfonamides, Quinolones. Antiamoebic, Antimalarials, Anthelmintics, Antiscabies agents, Antiviral & antifungal agents. •Antitubercular drugs•Anti leprosy drugs•Anticancer drugs •Immuno-suppressants
Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse.

Unit- 3 Pharmacology of commonly used antiseptics, disinfectants and insecticides.**2 Hours**

- Antiseptics; Composition, action, dosage, route, indications, contraindications, drug interactions, side effects,
- adverse effects, toxicity and role of nurse • Disinfectants • Insecticides

Unit-4 Drugs acting on G.I. system**2 Hours**

- Pharmacology of commonly used- Antiemetics, - Emetics – Purgatives – Antacids - Cholinergic-Anticholinergics - Fluid and electrolyte therapy - Anti

diarrhoeals - Histamines Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse

Unit-5 Drugs used on Respiratory Systems
2

Hours

- Pharmacology of commonly used- - Antiasthmatics, Mucolytics, Decongestants, Expectorants, Antitussives

Bronchodilators, Broncho constrictors, Antihistamines, Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, Adverse effects, toxicity and role of Nurse.

Unit-6 Drugs used on Urinary System
Pharmacology of commonly

2 Hours

used-•Diuretics and antidiuretics •Urinary antiseptics
•Cholinergic and •anticholinergics
Acidifiers and alkalanizeis •Composition, action,
•dosage, route, indications,• contraindications, drug interactions, side effects, adverse • effects, toxicity and role of Nurse.

Unit-7 Miscellaneous

4

Hours

- Drugs used in de-addiction • Drugs used in CPR and emergency • Vitamins and minerals • Immunosuppressant
- Antidotes • Antivenom • Vaccines and sera

Unit-8 Drugs used on skin and mucous membranes

2

Hours

Topical applications for skin, eye, ear, nose and buccal cavity, Antipruritics, Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse

Unit-9 Drugs acting on Nervous system

8

Hours

Basic & applied pharmacology of commonly used:

Analgesics and Anaesthetics

Analgesics - Non steroidal anti Inflammatory (NSAID) drugs Antipyretics Hypnotics and

Sedatives- Opioids

- Non-Opioids – Tranquilizers - General I & local anesthetics - Gases: oxygen, nitrousoxide, carbon dioxide

Cholinergic and anti-cholinergic: Musclerelaxants

Major tranquilizers, Anti-psychotics, Antidepressants

Anticonvulsants., Adrenergics, Noradregenics, Mood stabilizers, Acetylcholine, Stimulants, Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse.

Unit-10 Cardiovascular drugs

2

Hours

- Haematinics • Cardiotonics, • Anti anginals • Anti-hypertensives & Vasodilators • Anti-arrhythmics
- Plasma expanders • Coagulants & anticoagulants • Antiplatelets & thrombolytics • Hypolipidemics

Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity, role of Nurse

Unit-11 Drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy

4 Hours

- Insulins & Oral hypoglycemic • Thyroid supplements and suppressants • Steroids, Anabolics • Uterine stimulants and relaxants • Oral contraceptives • Other estrogen-progestrone preparations • Corticotrophine & Gonadotropines • Adrenaline. • Prostaglandins - • Calcitonins • Calcium salt • Calcium regulators

Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse.

<p>Unit-12 Introduction to Drugs used in alternative systems of medicine: 6 Hours • Ayurveda, Homeopathy, Unani and Siddha etc</p>	
GENETICS	
<p>Unit-1 Introduction:</p> <p style="text-align: right;">4</p> <p>Hours • Practical application of genetics in Nursing • Impact of genetic condition on families • Review of cellular division mitosis and meiosis. • Characteristics and structure of genes • Chromosomes — sex determination • Chromosomal aberrations Patterns of inheritance Mendelian theory of inheritance Multiple allots and blood groups Sex linked inheritance. Mechanism of inheritance. Errors in transmission (Mutation)</p>	
<p>Unit-2 Maternal, prenatal and genetic influences on development of defects and diseases</p> <p style="text-align: right;">4</p> <p>Hours • Conditions affecting the mother: genetic and infections • Consanguinity atopy • Prenatal nutrition and food allergies. • Maternal Age • Maternal drug therapy • Prenatal testing and diagnosis • Effect of Radiation, drugs and chemicals • Infertility • Spontaneous abortion . Nueral Tube defects and the role of folic acid in lowering the risk. DownSyndrome(Trisomy 21)</p>	
<p>Unit-3 Genetic testing in the neonates and children</p> <p style="text-align: right;">3</p> <p>Hours • Screening for - Congenital abnormalities - Developmental delay- Dysmorphism</p>	
<p>Unit-4 Genetic conditions of adolescents and adults</p> <p style="text-align: right;">3</p> <p>Hours • Cancer genetics — Familial Cancer • Inborn errors</p>	

of metabolism • Blood group alleles and haematological disorder • Genetic haemochromatosis • Huntington's disease • Mental illness

Unit-5 Services related to Genetics

6

Hours

Genetic testing • Human genome project • Gene therapy • The Eugenics movement • Genetic Counselling
 Legal and Ethical issues Role of nurse

Suggested Reading

Text Book (s)

1. Swaminathan K – Pathology for Nurses, 2009, Jaypee Brothers Medical Publishers
2. Sharma Suresh K– Textbook of Pharmacology, Pathology and Genetics for Nurses (2 Volumes), 2016, Jaypee Brothers Medical Publishers.
3. Tara Shanbhag Veena NayakSmita Shenoy – Pharmacology for Nurses, 2011, Elsevier.
4. Sharma Suresh K– Textbook of Pharmacology, Pathology and Genetics for Nurses (2 Volumes), 2016, Jaypee Brothers Medical Publishers.
5. Sharma Suresh K – Human Genetics in Nursing, 2010, Jaypee Brothers Medical Publishers.
6. Sharma Suresh K– Textbook of Pharmacology, Pathology and Genetics for Nurses (2 Volumes), 2016, Jaypee Brothers Medical Publishers.

Reference Book (s)

4. Stanley L Robbins– Robbins and Cotran Pathologic Basis of Disease, 2005, Elsevier/Saunders
5. Harsh Mohan – Textbook of Pathology, 2015, Jaypee Brothers Medical Publishers
6. K.D Tripathi– **Essentials Of Medical pharmacology** , 2008, Jaypee Brothers Medical Publishers.
7. Karen Whalen – Lippincott Illustrated Reviews: Pharmacology 6th edition, 2018, Jaypee Brothers Medical Publishers.
8. Stanley L Robbins– Robbins and Cotran Pathologic Basis of Disease, 2005, Elsevier/Saunders
9. Harsh Mohan – Textbook of Pathology, 2015, Jaypee Brothers Medical Publishers

	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.

Name of The Course	Medical Surgical Nursing-1			
Course Code	BSCN2003			
Prerequisite	KNOWLEDGE of anatomy ,physiology and microbiology			
Co-requisite	Anatomy physiology lab with models, charts, log book, Group projects, Video film, Anatomy & Physiology Atlas			
Anti-requisite	NA			
	L	T	P	C
	7	0	0	7

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

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 health care 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 sign and symptoms, problems of specific disease conditions and their specific nursing interventions.
CO3	Explain and identify etiology, pathophysiology, clinical manifestations,

Course Content:

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 Intra operative -Post Operative	
Unit-2 hours	15
Common signs and symptoms and management Fluid and electrolyte imbalance. Vomiting, Dyspnea and cough, Incontinence respiratory obstruction, Fever □ □ Shock, Unconsciousness, Edema Syncope, Pain Age related problems-geriatric	
Unit-3 hours	20
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-4 hours	30
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 deudenumhiatus	

hernia, gastritis, peptic and deudenal ulcer, bleeding, tumours, pyloric stenosis Small intestinal disorders inflammation and infection, entritis, 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-5 hours	30
Nursing management of patient (adults including elderly) with blood and cardio vascular 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 - Artherio sclerosis Raynaud’s disease Aneurism and Peripheral vascular disorders Heart Coronary artery diseases • Ischemic Heart Disease, Cornory 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 Lymphornas Myelornas 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 Organ donation, retrieval and banking Alternative therapies Nursing procedures Drugs used in treatment of blood and cardio vascular disorders

Unit-6 **10 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-7 **5 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, surgical, dietetics & nursing management of disorders of male reproductive system Congenital malformations; Hypospadiasi Alospadiasis, Epispadiasis • Infections Testis and adjacent structures Penis Prostate: inflammation, infection, hypertrophy, tumour Sexual Dysfunction Infertility Contraception Breast; gynecomastia, tumour • Climacteric changes

Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of male reproductive system.

Unit-8 **10 hours**

Nursing management of patient(adults including elderly) with disorders of endocrine system
Review of anatomy and physiology of endocrine system Nursing Assessment-History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of- Disorders of Thyroid and Parathyroid Diabetes mellitus Diabetes insipidus Adrenal tumour Pituitary disorders. Special therapies, alternative' therapies Nursing procedures Drugs used in treatment of disorders of endocrine system.

Unit-9 **10 hours**

Nursing management of patient (adults including elderly) with disorders of Integumentary system
Review of anatomy and physiology of Skin and its appendages Nursing Assessment-History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of disorders of skin and its appendages –Lesions and abrasions Infection and infestations; Dermatitis Dermatoses; infect mis and Non infectious “inflammatory dermatoses” Acne Vulgaris Allergies and Eczema • Psoriasis Malignant melanoma • Alopecia Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of Integumentary system.

Unit-10 **15 hours**

Nursing management of patient (adults including elderly) with musculoskeletal problems
 Review of anatomy and physiology of musculoskeletal system, Nursing Assessment-History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of - Disorders of: Muscles, Ligaments and Joints - inflammation, infection, trauma Bones-inflammation, infection, dislocation, fracture, tumour and trauma • Osteomalacia and osteoporosis Arthritis Congenital deformities Spinal column- defects and deformities, Tumor, Prolapsed inter vertebral disc, pott's spine Paget's disease Amputation Prosthesis Transplant & replacement surgeries Rehabilitation. Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of musculoskeletal system.

Unit-11
hours

10

Nursing management of patient (adults including elderly) with Immunological problems
 Review of Immune system, Nursing Assessment- History and Physical assessment Etiology, Pathophysiology, clinical manifestations, diagnosis. treatment modalities and medical, surgical, dietetics & nursing management of- Immunodeficiency disorder. • Primary immuno deficiency. Phagocytic dysfunction B-cell and T-cell deficiencies, Secondary immunodeficiencies Acquired immunodeficiency syndrome (AIDS) Incidence of HIV & AIDS Epidemiology Transmission-Prevention of Transmission Standard Safety precautions • Role of Nurse; Counseling • Health education and home care consideration. National AIDS Control Program - NACO, various national and international agencies Infection control program • Rehabilitation. Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of immune logical system.

Unit-12
hours

20

Nursing management of patient (adults including elderly) with Communicable Diseases
 • Overview of infectious disease, the infectious process • Nursing Assessment-History and Physical assessment
 • Epidemiology, infectious process, clinical manifestations, diagnosis, treatment, prevention and dietics. Control and eradication 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 infection control measures: Notification, Isolation, Quarantine, Immunization, Infectious Disease Hospital Special therapies, alternative therapies Nursing procedures Drugs used in treatment of Communicable diseases

Unit-13
25 hours

Peri operative nursing
 • Organization and Physical set up of the Operation Theatre (OT): Classifications - O.T. DESIGN - Staffing
 - Members of the OT team. Duties and responsibilities of nurse in O.T. Principles of Health and operating room attire.
 • Instruments, Sutures and suture materials • Equipments O.T. tables and sets for common surgical procedures
 • Positions and draping for common surgical procedures • Scrubbing procedures • Gowning and gloving Preparation of O.T. Sets • Monitoring the patient during surgical procedures Maintenance of therapeutic environment in O.T. Standard Safety measures Infection control; fumigation, disinfection and sterilization

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

School of Nursing

Suggested Reading

Text Book (s)

1. Smeltzer – Brunner & Suddharth Textbook of Medical Surgical Nursing, 2010,
2. LWW Black – Medical Surgical Nursing, 2009, Elsevier

Reference Book (s)

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

Name of The Course	Community Health Nursing - I			
Course Code	BSCN2004			
Prerequisite	10+2 PCB 55%,			
Co-requisite	Community Health Nursing lab with charts, posters, log book			
Anti-requisite	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 non communicable diseases.
CO5	Describe the concepts and scope of demography and identify the impact of population explosion and methods of population control

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

**UNIT-1 INTRODUCTION
2HRS**

Community Health Nursing : Definition, concept and Dimensions of health, Promotion of health, Indicators of health, Maintenance of health
UNIT- 2 DETERMINANTS OF HEALTH 20HRS
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 10HRS
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 25HRS
Respiratory infections- Chicken pox, Measles, Rubella, Influenza, Mumps, Intestinal infections, Whooping cough, Tuberculosis, ARI with pneumonia, Meningococcal meningitis, Cholera, Poliomyelitis, Diarrheal 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 10HRS
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**6HRS**

Definition, Concepts, Scope, Methods of Collection, Analysis and Interpretation of demographic data, Demographic rates and ratios.

UNIT-7 POPULATION AND ITS CONTROL**17HRS**

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.

School of Nursing**Suggested Reading**

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

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

Name of The Course	Communication & Educational Technology
Course Code	BSCN2005
Prerequisite	Knowledge regarding Importance and aspects of communication

Co-requisite	Demonstration, Group projects, Video film, charts			
Anti-requisite	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 relation 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 & used of different types of educational media in teaching effectively.
CO6	Demonstrate & develop various innovative assessment strategies to assess knowledge, skills and attitudes.
CO7	Prepare students to use & plan IEC activities by using various methods & medias to educate individuals, groups & community at large

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s	End Term	Total Marks
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	Assessment Test (CAT)	Exam (ETE)	
10	7.5+7.5	75	100

Course Content:

Unit-1 REVIEW OF COMMUNICATION PROCESS	6HRS
Process; elements And channel ,Facilitators ,Barriers and methods of overcoming Techniques	
Unit-2 INTERPERSONAL RELATIONS	6HRS
Purpose & types ,Phases ,Barriers & methods of overcoming, Johari Window	
Unit-3 HUMAN RELATIONS	6HRS
Understanding self ,Social behavior, motivation, social attitudes, Individual and groups, Groups & individual, Human relations in context of nursing, Group dynamics, Team work	
UNIT-4 GUIDANCE & COUNSELING	12+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	6HRS

<p>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.</p>	<p>UNIT-9 INFORMATION, EDUCATION & COMMUNICATION FOR HEALTH (IEC) 6HRS</p> <p>Health behavior & health education, Planning for health education, Health education with individuals, groups & communities, Communicating health messages, Methods & media for communicating health messages, Using mass media</p>														
<p>UNIT-6 METHODS OF TEACHING 11+10HRS</p>	<p>School of Nursing</p>														
<p>Lecture, demonstration, group discussion, seminar 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 round & reports, bedside clinic, conference (individual & group) process recording.</p>	<p>Suggested Reading</p> <p>Text Book (s)</p> <p>1. Sankar Narayanan – Education & Communication Technology, 2007, Brainfill</p> <p>2. Young – Teaching Nursing, 2008, LWW</p> <p>3. K.P Neeraja – Nursing Education, 2008, Jaypee</p>														
<p>UNIT-7 EDUCATIONAL MEDIA 11+8HRS</p>	<p>Reference Book (s)</p> <p>1. Bosek – Ethical Component of Nursing Education, LWW</p> <p>2. Mariner – Teaching Nursing, 2008, Elsevier</p> <p>3. Smith - The Legal, Professional and Ethical Dimensions of Higher Education, Kluwer</p> <p>4. Keating – Curriculum Development Nursing, WoltersKluwer.</p>														
<p>Purposes and types of A.V. Aids, Principles & Sources etc., Graphic aids: chalk board, chart, graphs, posters, flash cards, flannel graph, bulletin, cartoon, 3 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.</p>	<table border="1"> <tr> <td>Name of The Course</td> <td>Medical Surgical Nursing-1</td> </tr> <tr> <td>Course Code</td> <td>BSCN2006</td> </tr> <tr> <td>Prerequisite</td> <td>Basic Nursing procedures</td> </tr> <tr> <td>Co-requisite</td> <td>Med Surg lab with models, charts, log book, procedure manual, Practice sessions, Video film, Group projects</td> </tr> <tr> <td>Anti-requisite</td> <td>na</td> </tr> <tr> <td></td> <td>L T P C</td> </tr> <tr> <td></td> <td>0 0 12 12</td> </tr> </table>	Name of The Course	Medical Surgical Nursing-1	Course Code	BSCN2006	Prerequisite	Basic Nursing procedures	Co-requisite	Med Surg lab with models, charts, log book, procedure manual, Practice sessions, Video film, Group projects	Anti-requisite	na		L T P C		0 0 12 12
Name of The Course	Medical Surgical Nursing-1														
Course Code	BSCN2006														
Prerequisite	Basic Nursing procedures														
Co-requisite	Med Surg lab with models, charts, log book, procedure manual, Practice sessions, Video film, Group projects														
Anti-requisite	na														
	L T P C														
	0 0 12 12														
<p>UNIT-8 ASSESSMENT 6+7HRS</p>															
<p>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.</p>	<p>Course Objectives</p>														

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 if 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 bio medical waste management to prevent nosocomial infection in the hospital and community settings.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
100		100	200

Course Content:

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- Standard safety measures Administer medications Oral, IV, IM, Subcutaneous• IV therapy IV canulation Maintenance and monitoring Oxygen therapy by different methods• Nebulization Chest physio therapy Naso gastric 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- Standard safety measures• Pre operative preparation of patients Post operative care — Receiving Pt, assessment, monitoring, care,Care of wounds and drainage Suture removal
 • Ambulation and exercise Naso gastric 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 cardio vascular system Recording and interpreting ECG Monitoring of patients Preparation and assisting in non-invasive and invasive diagnostic procedures. Administer cardiac drugs
 Cardio pulmonary Resuscitation

Unit-4 30 hours

Skin & Communicable disease Ward	
Assist in diagnostic and therapeutic procedures Administer topical medication Practice medical surgical asepsis - Standard 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, Carbolization, 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.	

Suggested Reading

Text Book (s)

- Smeltzer – Brunner & Suddharth 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 Carlpenito – 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

Name of The Course	Community Health Nursing – I Practical			
Course Code	BSCN2007			
Prerequisite	10+2 PCB 55%			
Co-requisite	Community Health Nursing lab with charts, posters, log book			
Anti-requisite	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, sub centers and MCH centers and community hospitals and also educate people about healthy life style for health promotions.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
NA	NA	NA	NA

Course Content:

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

School of Nursing

Suggested Reading

Text Book (s)1. Park - A Textbook of Social and Preventive Medicine, 2015, Banarsidas Bhanot
 2. Simrat - Community Health Nursing – I for B.Sc Nursing students, 2013, Lotus
 3. Sunil & Ramendra. Clinical case record for Community Health Nursing, 2015, Kumar
 4. 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
 2. Stanhope – Community Health Nursing, 2008, Elsevier
 3. Basvanthappa B T- Essentials of Community Health Nursing, 2011, Jaypee
 4. Gulani - Community Health Nursing (principles and practice), 2012, Kumar
 5. Suresh. Community Nursing Procedure Manual, 2016, CBC

Name of The Course	Medical and surgical nursing ii			
Course Code	BSCN3001			
Prerequisite	Knowledge regarding MSN-I			
Co-requisite	Med Surg lab with models, charts, log book, procedure manual			
Anti-requisite	NA			
	L	T	P	C
	4	0	0	4

Course Objectives

1. To enable students gain knowledge etiology, clinical manifestations for managing patient with eye and ENT disorders.
2. To enable students to understand neurological disorders and their management.
3. To enable students to understand the concept of female reproductive system & concepts of reproductive health and family welfare programme and manage patients with disorders of reproductive system.
4. To enable students to provide nursing care of patients with Burns, reconstructive surgeries and various types of malignancies & various geriatric conditions.
5. To enable students to help patients in emergency, critical care units and disaster situations.
6. To enable students to apply knowledge of medical surgical using in providing patient care in the hospital and community settings with all the conditions.

Course Outcomes

CO1	Explain and identify etiology, pathophysiology, clinical manifestations, diagnostic measures, management and prevention of complications of adult patients suffering with various medical disease conditions
CO2	Explain and identify etiology, pathophysiology, clinical manifestations, diagnostic measures, management and prevention of complications of adult patients suffering with various surgical conditions
CO3	Describe and identify the concepts, needs, problems (physical, social, economical, psychological, and spiritual) of elderly and role of nurse and society in taking care of elderly patient

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.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

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

15HOURS

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 Barr'e 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, Vulvur 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 violences, 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 10HOURS

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 10HOURS

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 emergences, 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 10HOURS

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
10HOURS**

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

School of Nursing

Suggested Reading

Text Book (s)

1. Smeltzer – Brunner & Suddharth Textbook of
Medical Surgical Nursing, 2010,
2. LWW Black – Medical Surgical
Nursing, 2009, Elsevier

Reference Book (s)

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

Name of The Course	Child health Nursing
Course Code	BSCN3002
Prerequisite	10+2 with PCB 55%
Co-requisite	Maternal & Child Health Nursing lab with charts, posters, log book
Anti-requisite	NA

	L	T	P	C
	3	0	0	3

Course Objectives

1. To enable students to learn the modern concept of child care, its principles national policies, programs.
2. To enable students to identify the needs of children at different ages, monitor growth & development of children at different ages and appreciate role of nurse.
3. To apply knowledge in providing care to normal and high risk neonates, perform neonatal resuscitation and manage common neonatal problems.
1. To enable students to acquire knowledge of nursing management of common childhood disorders and behavioural and social problems in children.

Course Outcomes

CO1	Describe the latest trends and challenges in child health care.
CO2	Identify growth and development, nutritional and psychological needs of children at different age groups and appreciate the preventive measure to be taken concerning child related illness.
CO3	Identify and differentiate between normal and sick neonates and provide nursing care as per the module of IMNCI as provided by INC.
CO4	Identify and demonstrate promotive, preventive, curative and rehabilitative measures for childhood disease and problems.
CO5	Identify and manage a child with behavioral and social problems, educate and counsel parents and make timely referral for child welfare services.

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Exam (MTE)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

Unit-1 Introduction Modern concepts of childcare	15
hours	
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 post operative, care of infants and children, Child health nursing procedures.	
Unit-2 The healthy child	20 Hrs
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	

Unit-3 Nursing care of a neonate	15
HRS	
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.	
Unit-4 Integrated management of neonatal and childhood illnesses (IMNCI)	10 HRS
Integrated management of neonatal and childhood illnesses (IMNCI)	
Unit-5 Nursing management in common childhood diseases	20 hrs
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 prevention, Child health emergencies: poisoning, foreign bodies, haemorrhage, burns and drowning, nursing care of infant and children with HIV/AIDS	
Unit 6- Management of behavioural & social problems in children	10 hrs
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

School of Nursing

Suggested Reading

Text Book (s)

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

Reference Book (s)

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

Name of The Course	Mental health Nursing
Course Code	BSCN3003
Prerequisite	Knowledge regarding psychology
Co-requisite	Mental Health (Psychiatric) Nursing with, Power point, charts, log book,
Anti-requisite	NA
	L T P C
	3 0 0 3

Course Objectives

1. To enable students to acquire knowledge of concepts, Historical trends dimensions, Principles and determinates of Mental Health Nursing
1. To enable student to define various terms and classification used in Mental Health Nursing

2. To explain Student about the and psycho dynamics of maladaptive behaviour
3. To make Student Learn about nature, purpose and process of assessment of mental health status Examination
4. To enable student to learn and define various therapeutic communication technique
5. To explain Student about treatment modalities and therapies used in mental disorders and role of the nurse
6. To enable Students to describe the etiology, psychopathology, clinical manifestations , diagnostic criteria and management of patients with Schizophrenia and other psychotic disorders
7. To enable student to learn describe the etiology, psycho- pathology, clinical manifestations , diagnostic criteria and management of mood disorder
8. To Enable student to describe the etiology, psycho- pathology, clinical manifestations , diagnostic criteria and management of patients with neurotic, stress related and somatization disorders
9. To make student acquire learning about in details of Substance abuse, Eating, Sexual and personality disorder
10. To enable student to acquire brief knowledge of Childhood and Adolescent disorders including mental deficiency
11. To make student aware about identification of psychiatric emergencies, Legal aspects(Various laws) and Community mental health nursing

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.

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Exam (MTE)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Principles of Mental health Nursing Standards of Mental health Nursing practice	
<ul style="list-style-type: none"> • Conceptual models and the role of nurse: • Existential Model • Psycho-analytical models 	
Behavioural model Interpersonal model	
Unit-3 Assessment of mental health status	
8 HRS	
<ul style="list-style-type: none"> • History taking • Mental status examination 	
<ul style="list-style-type: none"> • Mini mental status examination • Neurological examination: 	
Review Investigations: Related Blood chemistry, EEG, CT & MRI • Psychological tests	
Role and responsibilities of nurse	
Unit-4 Therapeutic communication and nurse-patient relationship	06
HRS	
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	
Unit-5 Treatment modalities and therapies used in mental disorders	14
hrs	
<ul style="list-style-type: none"> • 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, bio feedback • Alternative systems of medicine • Occupational therapy • Physical Therapy: electro convulsive therapy • Geriatric considerations 	
Role of nurse in above therapies	

Course Content:

Unit-1 Introduction	5hours
<ul style="list-style-type: none"> • Perspectives of Mental Health and Mental Health nursing: evolution of mental health services, treatments and nursing practices. • Prevalence and incidence of mental health problems and disorders. • Mental Health Act • National Mental health policy vis a vis National Health Policy • National Mental Health programme • Mental health team • Nature and scope of mental health nursing • Role and functions of mental health nurse in various settings and factors affecting the level of nursing practice 	
Concepts of normal and abnormal behaviour	
Unit 2- Principles and Concepts of Mental Health Nursing	
5hours	
<ul style="list-style-type: none"> • Definition: mental health nursing and terminology used Classification of mental disorders: • ICD Review of personality development, defense mechanisms • Maladaptive behaviour of individuals and groups: stress, crisis and disaster(s) • Etiology: bio- psycho-social factors Psychopathology of mental disorders: review of structure and function of brain, limbic system and abnormal neuro transmission 	

		Unit 9- Nursing management of patient with Substance use disorders	
Unit 6- Nursing management of patient with Schizophrenia, and other psychotic disorders	05 hrs	5 hrs	
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		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, anti abuse and narcotic antagonist therapy and harm reduction) and nursing management of patients with substance use disorders Geriatric considerations Follow-tip and home care and rehabilitation	
Unit 7- Nursing management of patient with mood disorders	05 hrs	Unit 10- Nursing management of patient with Personality, Sexual and Eating disorders	04 hrs
<ul style="list-style-type: none"> • Mood disorders: Bipolar affective disorder, Mania depression and dysthymia etc • Etiology, psycho-pathology, clinical manifestations, diagnosis, Nursing Assessment-History, Physical and mental assessment		<ul style="list-style-type: none"> • 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 	
Unit 8- Nursing management of patient with neurotic, stress related and somatization disorders	8 hrs	Follow-up and home care and rehabilitation	
<ul style="list-style-type: none"> • Anxiety disorder, Phobias, Dissociation and Conversion disorder, Obsessive compulsive disorder, somatoform disorders, Post traumatic 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		Unit 11- Nursing management of childhood and adolescent disorders including mental deficiency	06 hrs
		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	
		Unit 12- Nursing management of organic brain disorders	05 hrs
		Classification: ICD?	

<ul style="list-style-type: none"> Etiology, psycho-pathology, clinical features, diagnosis and Differential diagnosis (parkinsons and alzheimers) Nursing Assessrment-Flistory, Physical, mental and neurological assessment • Treatment modalities and nursing management of organic brain disorders • Geriatric considerations <p>Follow-up and home care and</p>	secondary, tertiary levels including rehabilitation and Role of nurse <ul style="list-style-type: none"> 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, 										
<p>Unit 13- Psychiatric emergencies and crisis intervention</p> <p style="text-align: right;">06</p> <p>hrs</p>	<p>Handicapped, HIV /AIDS etc.</p> <p>School of Nursing</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 <p>Geriatric considerations Role and responsibilities of nurse</p>	<p>Suggested Reading</p> <p>Text Book (s)</p> <ol style="list-style-type: none"> Townsend – Psychiatric Mental Health Nursing,2007.F.A.Davis Stuart – Principles & Practice of Psychiatric Nursing,2008,Elsevier 										
<p>Unit 14- Legal issues in Mental Health Nursing</p> <p>04hrs</p>	<p>Reference Book (s)</p> <ol style="list-style-type: none"> Sreevani – Psychiatric Mental Health Nursing,2008,Jaypee 										
<ul style="list-style-type: none"> 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 <p>Role and responsibilities of nurse</p>	<ol style="list-style-type: none"> Shives – Basic Concepts in Psychiatric Mental Health Nursing,2007,LWW KP Neeraja, Mental Health Nursing,2006Potts Kappor Bimla, Mental Health Nursing, 2006 										
<p>Unit 15- Community Mental Health Nursing</p> <p>04 hrs</p>	<table border="1"> <tr> <td>Name of The Course</td> <td>Midwifery and Obstetrical Nursing</td> </tr> <tr> <td>Course Code</td> <td>BSCN3004</td> </tr> <tr> <td>Prerequisite</td> <td>Knowledge regarding anatomy and physiology of reproductive system</td> </tr> <tr> <td>Co-requisite</td> <td>Maternal and child health nursing lab with dummy, Stimulators ,charts, log book, group project, Video film, Models</td> </tr> <tr> <td>Anti-requisite</td> <td>NA</td> </tr> </table>	Name of The Course	Midwifery and Obstetrical Nursing	Course Code	BSCN3004	Prerequisite	Knowledge regarding anatomy and physiology of reproductive system	Co-requisite	Maternal and child health nursing lab with dummy, Stimulators ,charts, log book, group project, Video film, Models	Anti-requisite	NA
Name of The Course	Midwifery and Obstetrical Nursing										
Course Code	BSCN3004										
Prerequisite	Knowledge regarding anatomy and physiology of reproductive system										
Co-requisite	Maternal and child health nursing lab with dummy, Stimulators ,charts, log book, group project, Video film, Models										
Anti-requisite	NA										
Development of Community Mental Health Services: National Mental Health Programme Institutionalization Versus Deinstitutionalization • Model of Preventive psychiatry: Levels of Prevention Mental Health Services available at the primary	<table border="1"> <tr> <td style="text-align: right;">L</td> <td style="text-align: right;">T</td> <td style="text-align: right;">P</td> <td style="text-align: right;">C</td> </tr> </table>	L	T	P	C						
L	T	P	C								

	1.5	0	0	1.5
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Course Objectives

1. To enable students to acquire knowledge of anatomy and physiology of female reproductive system.
2. To enable students to acquire knowledge of normal pregnancy and its management.
3. To understand the physiology and management of stages of labour and puerperium
4. 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 system 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, intra natal and postnatal period of pregnancy and labor
CO4	Demonstrate assessment and management of normal new born baby in the hospital and community setting.

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Exam (MTE)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

Unit-1 Introduction	5 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.	
Unit-2	10 hours
Anatomy and physiology of female reproductive system and foetal development	
Female pelvis — general description of the bones joints, ligaments	
planes of the pelvis diameters of the true pelvis, important landmarks, variations in pelvis shape.	
Female organs of reproduction - external genitalia, internal genital organs and their anatomical □relations, musculature — blood- supply, nerves, lymphatics, pelvic cellular, tissue, pelvic peritoneum., Physiology of menstrual cycle, Human sexuality, Foetal development, Conception.	
Review of fertilization; implantation (embedding of the ovum), development of the embryo and placenta at term — functions, abnormalities, the foetal sac, amniotic fluid, the umbilical cord foetal circulation, foetal skull, bones, sutures and measurements. Review of Genetics	
Unit-3	10 hrs
Assessment and management of pregnancy (ante-natal)	

<ul style="list-style-type: none"> • Normal pregnancy • Physiological changes during Pregnancy, Reproductive system, Cardio vascular system, Respiratory system, Urinary system, Gastro intestinal 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 <p>- Per vaginal examination.</p> <ul style="list-style-type: none"> • Screening and assessment for high risk; Risk approach, History and Physical Examination, Modalities of diagnosis; Invasive & Non-Invasive, ultrasonic, cardio tomography, 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 	12 hrs
<p>Unit-4</p> <p>Assessment and management of intra-natal period</p> <ul style="list-style-type: none"> • 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 <p>- Second stage:, Signs and symptoms; normal and abnormal, Duration, Conduct of delivery; Principles and techniques in relief and comfort in labour,</p>	

<p>Episiotomy (only if required), Receiving the new born</p> <ul style="list-style-type: none"> - 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 	15 hrs
<p>Unit-5</p> <p>Assessment and management of women during post natal period</p> <ul style="list-style-type: none"> • Normal puerperium; Physiology, Duration • Postnatal assessment and management • Promoting physical and emotional well-being • Lactation management and Immunization <p>Family dynamics after child-birth, Family welfare services; methods, counseling, Follow-up</p> <p>Records and reports</p>	
<p>Unit-6</p> <p>Assessment and management of normal neonates</p> <p>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</p> <p>Levels of Neonatal care (level I, II, & III) ,At primary, secondary and tertiary levels, Maintenance of Reports and Records</p>	10 hrs

Suggested Reading

Text Book (s): 1. Myles. "Text book 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

2. Ricci – Essentials of maternity nursing, 2009, Lippincotts

3. William’s Obstetrics,2009,Mcgrahill

4. Lowdermilk – Maternity Nursing,2008,Elsevier

Name of The Course	Nursing research and statistics			
Course Code	BSCN3005			
Prerequisite	10+2 with PCB 55%			
Co-requisite	Nursing research and statistics books			
Anti-requisite	NA			
	L	T	P	C
	1.5	0	0	1.5

Course Objectives

1. To enable students to understand the importance of research in nursing.
2. To enable the students to apply concepts of research in nursing.
3. To identify various sources of review of literature.
4. To explain the use of statistics, scales of measurement and graphical presentation.

Course Outcomes

CO1	Describe the concept, terminology, and steps used in nursing research process.
CO2	Identify research problem, state objectives and review the related literature.
CO3	Describe research approaches, design, sampling and Data collection techniques
CO4	Analyze, Interpret and summarize the data by using descriptive and inferential statistics.
CO5	Communicate and utilize the research findings in Nursing Practice, education and administration.

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Exam (MTE)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

Unit-1 Research and research process 5 hours	
<ul style="list-style-type: none"> • 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 4 hours	4
Identification of problem area <ul style="list-style-type: none"> • Problem statement • Criteria of a good research problem. • Writing objectives 	
Unit-3 Review of literature 4 hours	4

<ul style="list-style-type: none"> • Location • Sources • On line search; CINHAL, COCHRANE etc • Purposes • Method of review 	<p>Unit-8 Communication and utilization of research</p> <p>4 hours</p> <ul style="list-style-type: none"> • Communication of research findings 										
<p>Unit-4 Qualitative and Quantitative designs</p> <p>6 hours</p>	<ul style="list-style-type: none"> • Verbal report • Writing research report 										
<p>Unit-5 Sampling and data collection</p> <p>8 hours</p> <ul style="list-style-type: none"> • Definition of Population, Sample, Sampling criteria, factors influencing • sampling process, types of sampling techniques. • Data- why, what, from whom, when and where to collect. • Data collection methods and instruments: <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>	<ul style="list-style-type: none"> • Writing scientific article/paper ,Critique review of published research ,utilization of research findings <p>School of Nursing</p> <p>Suggested Reading</p> <p>Text Book (s):</p> <ol style="list-style-type: none"> 1. Mrs Sunanda S Roy Choudhary “Textbook of nursing research”1st edition ,KPH publishers 2. BT Basavanthappa “ Essentials of nursing research “ jaypee publishers 3. Prof Arun Kumar Jindal “Nursing research and statistics” KPH publishers 										
<p>Unit-6 Analysis of data</p> <p>4 hour</p> <p>Compilation, Tabulation, classification, summarization, presentation, interpretation of data</p>	<p>Reference Book (s):</p> <ol style="list-style-type: none"> 1. Denise F Polit “Essential of nursing research” 8th edition , Lippincott publishers. 2. Suresh K Sharma “ Nursing Research and statistics”2nd edition , Elsevier publishers 3. Elizabeth heavey “statistics for nursing “1st edition , Lippincott publishers . 										
<p>Unit-7 Introduction to statistics</p> <p>15 hours</p> <ul style="list-style-type: none"> • Definition, use of statistics, scales of measurement. • Frequency distribution and graphical presentation of data • Mean, Median, Mode, Standard deviation • Normal Probability and tests of significance • Co-efficient of correlation. • Statistical packages and its application 	<table border="1"> <tr> <td>Name of The Course</td> <td>ENVIRONMENTAL STUDIES</td> </tr> <tr> <td>Course Code</td> <td>BSCN3006</td> </tr> <tr> <td>Prerequisite</td> <td>10+2 with PCB 55%</td> </tr> <tr> <td>Co-requisite</td> <td>Demonstration, Group projects, Video film, charts</td> </tr> <tr> <td>Anti-requisite</td> <td>NA</td> </tr> </table>	Name of The Course	ENVIRONMENTAL STUDIES	Course Code	BSCN3006	Prerequisite	10+2 with PCB 55%	Co-requisite	Demonstration, Group projects, Video film, charts	Anti-requisite	NA
Name of The Course	ENVIRONMENTAL STUDIES										
Course Code	BSCN3006										
Prerequisite	10+2 with PCB 55%										
Co-requisite	Demonstration, Group projects, Video film, charts										
Anti-requisite	NA										
<table border="1"> <tr> <td></td> <td>L</td> <td>T</td> <td>P</td> <td>C</td> </tr> </table>			L	T	P	C					
	L	T	P	C							

	1.5	0	0	1.5
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Course Objectives

1. Describe scope and importance of Environmental studies.
2. Describe renewable and non-renewable resources of Environmental Studies.
3. Describe the concept and functions of ecosystem
4. Describe ecosystem diversity and conservation of biodiversity
5. Describe causes, effects and measures of environmental pollutions
6. Describe social issues affecting environmental health and acts for maintaining environment
7. Describe Population growth and its effects on environment

Course Outcomes

CO1	Introduce multidisciplinary nature of environment studies and need for public awareness.
CO2	Demonstrate natural resources and role of society and uses conservation of natural resources for sustaining life.
CO3	Appreciate the concept, structure function of ecosystem and biodiversity role of society in conserving biodiversity at global, natural and local level.
CO4	Describe various kinds and causes of environment pollution and role of society in preventing free environment.
CO5	Identify social issues pertaining the environment and impact of population explosion on environment and human health.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s	End Term	Total Marks
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	Assessment Test (CAT)	Exam (ETE)	
10	7.5+7.5	75	100

Course Content:

Unit-1 Multidisciplinary Nature of environmental studies.	2
hours	
Definition, Scope and importance, Need for public awareness	
Unit-2 Natural resources Renewable and nonrenewable resources.	7hrs
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 Over utilization of surface and ground water , floods , droughts , conflicts 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 nonrenewable energy resources , use of alternate energy sources, case studies, Land resources: land as a resources 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.	

Unit-3 Ecosystems	5hrs
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 ecosystemaquatic ecosystem (ponds ,stream ,lake rivers oceans ,estuaries	
Unit-4 Biodiversity and Its Conservation	8hrs
Introduction-definition, genetic, species and ecosystem diversity, Bio geographical classification of India. Value of biodiversity: consumptive use. productive use, social, ethical, aesthetic and option values, Biodiversity at global, national and local LevelIndia as a mega-diversity nation, Hot-spots of bi diversity, Threats to bio diversity :habit loss, poaching of wildlife, man-wildlife conflicts, Endangered and endemic species of India, Conservation of biodiversity: in –situ and Ex-situ conservation of biodiversity	
Unit-5 Environmental Pollution	8hrs
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 land slides	
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, Wild life 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

School of Nursing

Suggested Reading

Text Book (s)

1. A textbook of Environmental Studies for Nurses\
2. Prof. (Dr.) NV Muninarayanappa,
3. Eldo Raju & Sandeep K Raju.

Reference Book (s)

1. medlineplus.gov>encyclopedia
1. ncbi.nlm.nih.gov>pub med

Name of The Course	Medical and Surgical Nursing II (P)
Course Code	BSCN3007
Prerequisite	Knowledge regarding MSN-I
Co-requisite	Med Surg lab with models, charts, log book, procedure manual
Anti-requisite	NA
	L T P C
	0 0 4.5 4.5

Course Objectives

1. To enable students to provide nursing care to adult patients with various medical & surgical disorders.
2. To enable students in providing care to patients suffering from occupational disorders.

3. To enable students to identify various instruments used in common operations
4. To enable students to participate in infection control practices in the operation theatre.
5. 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 bio medical waste management to prevent nosocomial infections in the hospital and community settings

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
50	NA	50	100

Course Content:

Unit-1 ENT hours	30
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
180hours	
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	30hours
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 burns patient Percentage of burns Degree of burns. Fluid & electrolyte replacement therapy Assess Calculate Replace Record intake/output Care of Bum wounds Bathing Practice medical & Dressing Perform active & passive exercises surgical asepsis Counsel & Teach patients and families Participate in rehabilitation program.	
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 Stoma therapy Hormonal therapy Immunotherapy	

• Gene therapy Alternative therapy Participate in palliative care Counsel and teach patients families

UNIT-7 Critical care unit
50HOURS

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.

School of Nursing

Suggested Reading

Text Book (s)

1. Jacob–Clinical Nursing Skills& Procedures, 2008, Jaypee
2. LWW – Lippincott’s Nursing Procedure, 2008, LWW

Reference Book (s)

1. Taylor – Fundamentals of Nursing, 2007, LWW
2. Kozier – Fundamentals of Nursing ,2007, Pearson
3. Potter – Basic Nursing ,2008, Elsevier
3. Lynn – Taylor’s Clinical Nursing Skills, 2008, LWW

Name of The Course	Child Health Nursing (Practical)			
Course Code	BSCN3008			
Prerequisite	anatomy and physiology, medical surgical nursing			
Co-requisite	Maternal and child health nursing lab with models, dummy, charts, log book			
Anti-requisite	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 learns 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.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
50	NA	50	100

Course Content:

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

<ul style="list-style-type: none"> ➤ Prepare different strengths of I.V. fluids ➤ Apply restraints ➤ Administer O2 inhalation by different methods ➤ Give baby bath ➤ Feed children by katori spoon, etc. ➤ Collect specimens for common investigations ➤ Assist with common diagnostic procedures <p>Teach mothers/parents- malnutrition, oral rehydration therapy, feeding & weaning, Immunization schedule, play therapy, specific disease.</p>	90
Unit-2 Pediatric Surgery Ward	
HRS	
<ul style="list-style-type: none"> ➤ Calculate, prepare and administer I/V fluids ➤ Do bowel wash ➤ Care for ostomies- Colostomy irrigation, ureterostomy, gastrostomy, enterostomy ➤ Urinary catheterization and drainage ➤ Feeding ➤ Naso-gastric ➤ Gastrostomy ➤ Jejunostomy <p>Care of surgical wounds- dressing, suture removal.</p>	
Unit-3 Pediatric OPD/Immunization room	
30HRS	
<ul style="list-style-type: none"> ➤ Assessment of children- Health assessment, Developmental assessment, anthropometric assessment ➤ Immunization ➤ Health/Nutritional Education 	
Unit-4 Pediatric medicine and surgery ICU	
60HRS	
<ul style="list-style-type: none"> ➤ 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 	

Cardio pulmonary resuscitation

School of Nursing

Suggested Reading

Text Book (s)

Parul – Pediatric Nursing, 2014, Jaypee

Marlow – Textbook of Pediatric Nursing, 1996, Elsevier

Reference Book (s)

1. Padmaja – Pediatric Procedure Manual, 2014, Jaypee

2. Ghai – Essentials of Pediatrics, 2009, CBS

3. Lakshmana's – Clinical Pediatrics, Lakshmana Publications

4. Hockenberry – Wong's Nursing Care of the Infants & Children, 2007, Elsevier

Name of The Course	Mental health Nursing (PRACTICAL)
Course Code	BSCN3009
Prerequisite	Knowledge regarding psychology
Co-requisite	Demonstration, group project, MHN practical log book
Anti-requisite	NA
	L T P C
	0 0 4.5 4.5

Course Objectives

1. To enable student to Assess patients with mental health problems ,assist in therapy and council patient and family
2. To enable students to assess children with various mental health problems, council and educate children and their family
1. To enable students to provide nursing care for patients with various mental health problems and assist in various in therapy

2. To enable students to identify patients with mental disorders , motivate patients for early treatment and assist for follow up clinics

Course Outcomes

CO1	Develop skills in assessing, observing and assisting patient with various mental health problems & prepare patient and families for home care
CO2	Acquire skills in assessing adult and children's mental health status, assist in various therapies and provide need based care in mental health hospitals, and community.
CO3	Acquire skills in various procedure and therapies used to treat patient with all kinds of mental health problems.
CO4	Identify individual with mental health problem in community setting, organize awareness camps to educate and council family members, patients and community to make timely crisis intervention and referral to nearby health care services.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks

Course Content:

Unit-1 <u>Psychiatric OPD</u> (Assess patients with mental health problems Observe and assist in Therapies Counsel and educate patient, and families)	30 hrs
History taking Perform mental status examination (MSE) Assist in Psychometric assessment Perform Neurological examination Observe and assist in therapies Teach patients and family	

Unit 2- Child Guidance clinic
(Assessment of children with various mental health problems Counsel and educate children, families and significant others)
60hours

History taking
 Assist in psychometric assessment
 Observe and assist in various therapies
 Teach family and significant others

Unit 3- Inpatient ward
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 **180 HRS**

History taking
 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

Unit 4- Community Psychiatry
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
30 hrs

Conduct case work Identify individuals with mental health problems Assists in mental health camps and clinics Counsel and Teach family members, patients and community

School of Nursing

Suggested Reading

Text Book (s)

1. Townsend – Psychiatric Mental Health

- Nursing,2007.F.A.Davis
 2. Stuart – Principles & Practice of Psychiatric Nursing,2008,Elsevier

Reference Book (s)

1. . Boyd – Psychiatric Nursing,2007,LWW
 2. Kaplan – Kaplan & Sadock’s Synopsis of Pyschiatry,2007,LWW
 1. Shives – Basic Concepts in Psychiatric Mental Health Nursing,2007,LWW
- Lalitha - Psychiatric Mental Health Nursing ,VMG Publishers

Name of The Course	Midwifery and Obstetrical Nursing (Practical)			
Course Code	BSCN3010			
Prerequisite	Knowledge of anatomy and physiology of reproductive system			
Co-requisite	Maternal and child health nursing lab with dummy, charts, log book, group project, Midwifery case book, Clinical posting at maternity wards			
Anti-requisite	NA			
	L	T	P	C
	0	0	3	3

Course Objectives

1. To enable students to acquire knowledge of anatomy and physiology of female reproductive system
2. To enable students to acquire knowledge of normal pregnancy and its management.
3. To provide comprehensive care to the mother and neonates.

4. To apply knowledge of midwifery and obstetrics nursing in care of patient at hospital and community settings.

Course Outcomes

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

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
NA	NA	NA	NA

Course Content:

Unit-1 Antenatal clinic/OPD hours	60
<ul style="list-style-type: none"> ➤ 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 hours	150
<ul style="list-style-type: none"> ➤ Assessment of Woman in labour ➤ Per vaginal examinations and interpretation ➤ Monitoring and caring of woman in labour ➤ Maintenance of partograph,Conduct normal delivery 	

<ul style="list-style-type: none"> ➤ 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 <p>Arrange for and assist with MTP and other surgical procedures</p>	
Unit-3 Postnatal Ward	120
hours	
<ul style="list-style-type: none"> ➤ Examination and assessment of mother and Baby ➤ Identification of deviations ➤ Care of postnatal mother and baby ➤ Perineal care, Lactation. Management, Breast feeding, Baby bath ➤ Immunization, ➤ Teaching postnatal mother: ➤ Mother craft <p>Post natal care & Exercises and Immunization</p>	
Unit-4 Newborn nursery	70
hours	
<ul style="list-style-type: none"> ➤ Newborn assessment: Admission of neonates, Feeding of neonates, Risk factors, spoon, 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 <p>Teaching and counseling of parents, Maintenance of Neonatal records</p>	
Unit-5 Family planning clinic	30
hours	

<ul style="list-style-type: none"> ➤ Counseling technique ➤ Insertion of IUD ➤ Teaching on use of family planning methods ➤ Arrange for and Assist with family planning operations <p>Maintenance of records and reports</p>
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School of Nursing

Suggested Reading

Text Book (s):

1. Myles. "Text book 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
2. Ricci – Essentials of maternity nursing, 2009, Lippincotts
3. William's Obstetrics, 2009, Mcgrahill
4. Lowdermilk – Maternity Nursing, 2008, Elsevier

Name of The Course	Midwifery and obstetrical nursing			
Course Code	BSCN4001			
Prerequisite	1. Knowledge regarding anatomy and physiology of reproductive system 2. Knowledge regarding normal pregnancy, labour, puerperium and newborn			
Co-requisite	Maternal and child health nursing lab with models, dummy, charts, log book, case book			
Anti-requisite	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 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	Describe and identify the management of women with high risk pregnancy during Antenatal, intranatal and postnatal period
CO2	Demonstrate indications, dosage, action, side effect of drugs used during pregnancy, labor and postnatal period
CO3	Identify and assess high risk neonates and their management
CO4	Appreciate the role of nurse in national family welfare programme and contraceptive methods

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Exam (MTE)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

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
 - Levels 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 u 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
- Obstetrical emergencies and their management; - Presentation and prolapse of cord, Vasa praevia, amniotic fluid embolism, rupture of uterus, shoulder dystocia, obstetrical shock
- Obstetrical procedures and operations;

- Induction of labour, forceps, vacuum version, manual removal of placenta, cesarean section, destructive operations

- Nursing management of women undergoing Obstetrical operations and Procedures

Unit-3 Abnormalities during Postnatal Periods **3hrs**

Assessment and management of woman with postnatal Complications:

Puerperal infections, breast engorgement & infections, thrombo-Embolic disorders, post- partum haemorrhage, Eclampsia and subinvolution, Psychological complications:

- Post partum Blues - Post partum Depression - Post partum Psychosis

Unit-4 Assessment and management of High risk newborn **8hrs**

- Admission of neonates in the neonatal intensive care units- protocols Nursing management of-: Low birth weight babies - Infections - Respiratory problems - hemolytic disorders- Birth injuries – Malformations
- Monitoring of high risk neonates
- 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.

Unit-5 Pharmaco-therapeutics in obstetrics **4hrs**

Indication, dosage, action, contra indication and side effects of drugs

Effect of drugs 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.

Unit-6 Family Welfare Programme **10hrs**

- Population trends and problems in India
- Concepts, aims, importance and history of family welfare programme
- National Population: dynamics, policy and education
- National family welfare programme; RCH, ICDS, MCH. Safe motherhood
- Organization and administration; at national, state, district, block and village levels
- Methods of contraception; spacing, temporary and permanent, Emergency contraception
- Infertility and its management
- Counseling for family welfare
- Latest research in contraception
- Maintenance of vital statistics
- Role of national, international and voluntary organizations
- Role of a nurse in family welfare programme , Training / Supervision /Collaboration with other functionaries in community like ANMs. LHVs, Anganwadi workers, TBAs (Traditional birth attendant - Dai)

School of Nursing

Suggested Reading

Text Book (s)

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

Reference Book (s)

1. William's Obstetrics,2009,Mcgrahill

2. Lowdermilk – Maternity Nursing, 2008, Elsevier
3. A Comprehensive Textbook of Midwifery and Gynecological Nursing, Third Edition, by Annama Jacob, JP publisher.

Name of The Course	COMMUNITY HEALTH NURSING-II
Course Code	BSCN4002
Prerequisite	
Co-requisite	Fully Equipped Classrooms with computer, LCD Projector, Whiteboard, CHN Lab
Anti-requisite	NA
	L T P C
	3 0 0 3

Course Objectives

This course is designed for students to practice community health nursing for the individual, family and groups at both urban and rural settings by using concept and principles of health and community health nursing.

Course Outcomes

CO1	Define and demonstrate the concept, scope, principles and historical development of community health nursing
CO2	Describe health planning, national health policies, various health committees and health problems in India.
CO3	Describe the system of delivery of community health services in rural and urban area and the chain of referral system
CO4	Describe community health nursing approaches, concepts and roles and responsibilities of nursing personnel
CO5	Describe and appreciate the activities of community health nurse in assisting

	individuals, families and community to promote and maintain their health and make them self sufficient
CO6	Describe role of nurse in national health and family welfare programs and various health schemes.
CO7	Explain roles and functions of various national and international health agencies and role of community health nurse.

Continuous Assessment Pattern

Internal Assessment (IA)	Mid Term Exam (MTE)	End Term Exam (ETE)	Total Marks
10	7.5+7.5	75	100

Course Content:

Unit-1 Introduction	4 hours
Definition, concept & scope of Community Health and Community Health Nursing	
<ul style="list-style-type: none"> • Historical development of Community health • Community health Nursing. <ul style="list-style-type: none"> - Pre-independence - Post-independence 	
Unit-2 Health planning and policies and problems	6 hours
National health planning in India- Five Year Plans	
<ul style="list-style-type: none"> • 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	15hours

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 /sub

divisional,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 health care

- Allopathy,Indian System of Medicine and Homeopathy

- Alternative health care systems like yoga, meditation, social and spiritual healing etc

- Referral system

Unit-4 Community health nursing approaches, concepts and roles and responsibilities of nursing 25hrs

- 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, clinics 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, Mile stones, 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,

Follow up, Maintenance of health records for self and family

- Continue medical care and follow up in community for various diseases and disabilities

E. Carryout 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 **12HRS**

National ARI Programme, Revised National Tuberculosis Control Programme (RNTCP) National Anti-Malaria Programme, National Filaria 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 **5hrs**

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.

School of Nursing

Suggested Reading

Text Book (s)

1. K. Park – Social and Preventive Medicine, Banott Publishers
2. KK Gulani “Community health nursing” 2nd edition, Kumar publishing house

3. Ravi Prakash Saxena, Community Health Nursing- II for B.Sc Nursing students, 2012
4. Neelam Kumar “ A Textbook of community health Nursing-II” 2ND edition, Pee Vee Publishers

Reference Book (s)

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

Name of The Course	Management of nursing service and education
Course Code	BSCN4003
Prerequisite	10+2 with PCB 55%
Co-requisite	organizational charts, White board, LCD projector, Log book
Anti-requisite	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

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
50		50	100

Course Content:

Unit-1 Introduction	4 hours
Introduction to management in nursing	
Definition, concepts and theories <ul style="list-style-type: none"> • Functions of management • Principles of Management • Role of Nurse as a manager 	
Unit-2	5 hours
Describe the elements and process of management	
Management process Planning; mission, philosophy, objectives, operational plan Staffing: philosophy, staffing study, norms, activities, patient classification systems, scheduling Human resource management; recruiting,selecting, deployment, retaining, promoting, super superannuation etc Budgeting: concept, principles,	

types, cost benefit analysis, audit Material management: equipment and supplies Directing process, (Leading)Controlling: Quality management, Program Evaluation review technique (PERT), Bench marking, Activity Plan (Gantt Chart),

Unit-3**8 hours**

- Planning: Hospital and patients care units including ward management, Emergency and disaster management
- Human resource management: Recruiting, selecting, deployment, retaining, promoting, superannuation etc
 - Recruiting, selecting , deployment, retaining , promoting, superannuation etc.
 - Categories of nursing personnel including job description of all levels
 - Patient/ population assignment and nursing care responsibilities
 - Staff development and welfare
 - Budgeting : Proposal, projecting requirements for staff, equipments and supplies for
 - Hospital and patient care units
 - Emergency and disaster management
 - Material management , procurement , inventory control, auditing and maintenance in hospital and patient care units, emergency and disaster management
 - Directing and leading: delegation , participatory management , assignments , rotations , delegations, supervision and guidance, implement standards, policies , procedures and practices
 - Staff development and welfare, maintenance of discipline , controlling/evaluation, nursing rounds/visits, nursing protocols, manuals, quality assurance , model, documentation, records and reports, performance appraisal

Unit-4**5 hours****Organizational behavior and human relations:**

Concepts and theories of organizational behaviors

- Review of Channels of communication, Leadership styles, Review of Motivation; concepts and theories
- 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

**Unit-5
hours****5****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

**Unit-6
10 hours****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: audio visual equipments, laboratory equipment, books, journals etc

- Curriculum; Planning, implementation and evaluation, clinical facilities, transport facilities, institutional records and reports, administrative , faculty , staff and students

Suggested Reading

Text Book (s)

7. Jogindra Vati “ principles and practice of nursing management and administration”.2nd edition 2004; jaypee Publications
8. Clement “ management of nursing services and education “ 2nd edition 2007, Elsevier publications
9. Shabnam masih”Essentials of nursing management in service and education” 2nd edition 2011, lotus publishers

Reference Book (s)

13. C. Manivannam , T Latha manivannam, J Baskaran “Textbook of nursing management in service and education” 2nd edition, 2016, Atithi publishers
14. Anita Finkelman” Leadership and management for nurses” 2nd edition 2013, Lotus Publishers
15. Patricia Kelly, Janice Tazbir “Essentials of nursing leadership and management” , 3rd edition 2016, Health care publishers
16. Linda roussel, Patricia L Thomas, James L Harris “ management and leadership for nurse administrators “ 7th edition, 2016, Jones and barlett publishers

Name of The Course	Midwifery and obstetrical nursing (practical)
Course Code	BSCN4004
Prerequisite	<ol style="list-style-type: none"> 1. Knowledge regarding abnormal antenatal, intranatal ,postnatal and newborn assessment 2. Knowledge regarding conducting normal and abnormal delivery
Co-requisite	Maternal and child health nursing lab with models, dummy, charts, log book
Anti-requisite	

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

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
50	NA	50	100

Course Content:

Unit-1 Assessment of high risk pregnant women

60hours

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

**Unit-2 Assessment of Woman in labour
120hrs**

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 aid
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

**Unit-3 Examination and assessment of mother and
Baby**

120hrs

Identification of deviations, Care of postnatal mother
and baby
Perineal care, Lactation. Management, Breast feeding,
Babybath , Immunization, Teaching postnatal mother:
Mother craft, Post natal care & Exercises
Immunization

**Unit-4 Newborn assessment
70hrs**

Admission of neonates, Feeding of at neonates risk,
• Katori spoon, 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 or records and reports

School of Nursing

Suggested Reading

Text Book (s)1. Myles. "Text book for midwives".7th
edition 2004; Churchill livingstone.

2.D.C.Dutta. Text book of Obstetrics. 6 th edition
2004; New central book agency

Reference Book (s)

1. Orshan – Maternity Nursing ,2009,LWW

2.Ricci – Essentials of maternity nursing, 2009,
Lippincotts

3.William's Obstetrics,2009,Mcgrahill

4.Lowdermilk – Maternity Nursing,2008,Elsevier

Name of The Course	Community health Nursing -II (PRACTICAL)			
Course Code	BSCN4005			
Prerequisite	Knowledge regarding CHN -I			
Co-requisite	Community health nursing labs, charts, community bags, log book			
Anti-requisite	NA			
	L	T	P	C
	0	0	2.5	2.5

Course Objectives

1. To enable students to Identify prevalent communicable and non-communicable diseases in community
2. To enable students to acquire knowledge and Diagnose health needs of Individual, families and community
3. To understand the importance of Vital health statistics in the community
4. To encourage the students to participate in various health programs in the community

Course Outcomes

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.

Continuous Assessment Pattern

Internal Assessment (IA)	Continuou s Assessment Test (CAT)	End Term Exam (ETE)	Total Marks
50	50	100	200

Course Content:

Unit-1 Community health nursing 135 hrs
Community health survey, Community diagnosis Family care: Home adaptation of common procedures Home visit: Bag technique Organize and conduct clinics- antenatal, post natal, well baby clinic, camps 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 individuals etc.
 Collect and calculate vital health statistics
 Document and maintain : Individual , family and administrative records, write reports centre, disease, national health programme/projects

Unit 2- Community health posting in urban areas

195hours

Integrated practice and group project-1 in each rural and urban areas

School of Nursing

Suggested Reading

Text Book (s)

1. K.Park –Textbook of Social and Preventive Medicine ,Bannott Publishers
2. KK Gulani “Community health Nursing” 2nd edition , Kumar publishing house
3. Manivannan C,Latha Manivannan T,1st edition , Jaypee Brothers Publishers

Reference Book (s)

1. Mary Jo Clark “ Community assessment reference guide “2nd edition 2015

2. Stanhope , Marcia” Quick reference to community health nursing : Process and practice for promoting health” 3rd edition, 1992, Mosby publishers