

BHAKTA KAVI NARSINH MEHTA UNIVERSITY

JUNAGADH



FACULTY OF MEDICINE

**B. Sc. (Nursing)
Regulations & Curriculum**

Effective From July-2022

BHAKTA KAVI NARSINH MEHTA UNIVERSITY

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Regulations and Curriculum

B.Sc. Nursing



Indian Nursing Council

8th Floor, NBCC Centre, Plot No. 2, Community Centre,
Okhla Phase-I, New Delhi-110020

PHARMACOLOGY - I

PLACEMENT: III SEMESTER

THEORY: 1 Credit (20 hours)

DESCRIPTION: This course is designed to enable students to acquire understanding of Pharmacodynamics, Pharmacokinetics, principles of therapeutics and nursing implications.

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

1. Describe pharmacodynamics and pharmacokinetics.
2. Review the principles of drug calculation and administration.
3. Explain the commonly used antiseptics and disinfectants.
4. Describe the pharmacology of drugs acting on the GI system.
5. Describe the pharmacology of drugs acting on the respiratory system.
6. Describe drugs used in the treatment of cardiovascular and blood disorders.
7. Explain the drugs used in the treatment of endocrine system disorders.
8. Describe the drugs acting on skin and drugs used to treat communicable diseases.

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
I	3 (T)	Describe Pharmacodynamics, Pharmacokinetics, Classification, principles of administration of drugs	Introduction to Pharmacology - Definitions & Branches - Nature & Sources of drugs - Dosage Forms and Routes of drug administration - Terminology used - Classification, Abbreviations, Prescription, Drug Calculation, Weights and Measures <i>Pharmacodynamics</i>: Actions, Drug Antagonism, Synergism, Tolerance, Receptors, Therapeutic, adverse, toxic effects, pharmacovigilance <i>Pharmacokinetics</i>: Absorption, Bioavailability, Distribution, Metabolism, Interaction, Excretion - Review: Principles of drug administration and treatment individualization - Factors affecting dose, route etc. - Indian Pharmacopoeia: Legal Issues, Drug Laws, Schedule Drugs - Rational Use of Drugs - Principles of Therapeutics	- Lecture cum Discussion - Guided reading and written assignment on schedule K drugs	- Short answer - Objective type - Assessment of assignments
II	1 (T)	Describe antiseptics, and disinfectant & nurse's responsibilities	Pharmacology of commonly used antiseptics and disinfectants - Antiseptics and Disinfectants - Composition, action, dosage, route, indications, contraindications, Drug interactions, side effects, adverse effects, toxicity and role of nurse	- Lecture cum Discussion - Drug study/ presentation	- Short answer - Objective type

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
III	2 (T)	Describe drugs acting on gastro-intestinal system & nurse's responsibilities	Drugs acting on G.I. system • Pharmacology of commonly used drugs ◦ Emetics and Antiemetics ◦ Laxatives and Purgatives ◦ Antacids and antipeptic ulcer drugs ◦ Anti-diarrhoeals – Fluid and electrolyte therapy, Furazolidone, dicyclomine • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse	• Lecture cum Discussion • Drug study/ presentation	• Short answer • Objective type
IV	2 (T)	Describe drugs acting on respiratory system & nurse's responsibilities	Drugs acting on respiratory system • Pharmacology of commonly used ◦ Antiasthmatics – Bronchodilators (Salbutamol inhalers) ◦ Decongestants ◦ Expectorants, Antitussives and Mucolytics ◦ Broncho-constrictors and Antihistamines • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects toxicity and role of nurse	• Lecture cum Discussion • Drug study/ presentation	• Short answer • Objective type
V	4 (T)	Describe drugs used on cardio-vascular system & nurse's responsibilities	Drugs used in treatment of Cardiovascular system and blood disorders • Haematinics, & treatment of anemia and antiadrenergics • Cholinergic and anticholinergic • Adrenergic Drugs for CHF & vasodilators • Antianginals • Antiarrhythmics • Antihypertensives • Coagulants & Anticoagulants • Antiplatelets & thrombolytics • Hypolipidemics • Plasma expanders & treatment of shock • Drugs used to treat blood disorders • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse	• Lecture cum Discussion • Drug study/ presentation	• Short answer • Objective type
VI	2 (T)	Describe the drugs used in treatment of endocrine system disorders	Drugs used in treatment of endocrine system disorders • Insulin & oral hypoglycemics • Thyroid and anti-thyroid drugs • Steroids ◦ Corticosteroids ◦ Anabolic steroids • Calcitonin, parathormone, vitamin D3, calcium metabolism	• Lecture cum Discussion • Drug study/ presentation	• Short answer • Objective type

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			o Calcium salts		
VII	1 (T)	Describe drugs used in skin diseases & nurse's responsibilities	Drugs used in treatment of integumentary system • Antihistaminics and antipruritics • Topical applications for skin- Benzylbenzoate, Gamma BHC, Clotrimazole, Miconazole, Silver Sulphadiazine (burns) • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects toxicity and role of nurse	• Lecture cum Discussion • Drug study/ presentation	• Short answer • Objective type
VIII	5 (T)	Explain drug therapy/ chemotherapy of specific infections & infestations & nurse's responsibilities	Drugs used in treatment of communicable diseases (common infections, infestations) • General Principles for use of Antimicrobials • Pharmacology of commonly used drugs: - o Penicillin, Cephalosporin's, Aminoglycosides, Macrolide & broad spectrum antibiotics, Sulfonamides, quinolones, Misc. antimicrobials • Anaerobic infections • Antitubercular drugs, • Antileprosy drugs • Antimalarials • Antiretroviral drugs • Antiviral agents • Anthelmintics, Antiscabies agents • Antifungal agents • Composition, action, dosage, route, indications, contraindications, Drug interactions, side effects, adverse effects, toxicity and role of nurse	• Lecture cum Discussion • Drug study/ presentation	• Short answer • Objective type

PATHOLOGY - I

PLACEMENT: III SEMESTER

THEORY: 1 Credit (20 hours) (includes lab hours also)

DESCRIPTION: This course is designed to enable students to acquire knowledge of pathology of various disease conditions, understanding of genetics, its role in causation and management of defects and diseases and to apply this knowledge in practice of nursing.

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

12. Apply the knowledge of pathology in understanding the deviations from normal to abnormal pathology.
13. Rationalize the various laboratory investigations in diagnosing pathological disorders.
14. Demonstrate the understanding of the methods of collection of blood, body cavity fluids, urine and feces for various tests.
15. Apply the knowledge of genetics in understanding the various pathological disorders.
16. Appreciate the various manifestations in patients with diagnosed genetic abnormalities.
17. Rationalize the specific diagnostic tests in the detection of genetic abnormalities.
18. Demonstrate the understanding of various services related to genetics.

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	8 (T)	Define the common terms used in pathology Identify the deviations from normal to abnormal structure and functions of body system	Introduction - Importance of the study of pathology - Definition of terms in pathology - Cell injury: Etiology, pathogenesis of reversible and irreversible cell injury, Necrosis, Gangrene - Cellular adaptations: Atrophy, Hypertrophy, Hyperplasia, Metaplasia, Dysplasia, Apoptosis - Inflammation: - Acute inflammation (Vascular and Cellular events, systemic effects of acute inflammation) - Chronic inflammation (Granulomatous inflammation, systemic effects of chronic inflammation) - Wound healing - Neoplasia: Nomenclature, Normal and Cancer cell, Benign and malignant tumors, Carcinoma in situ, Tumor metastasis: general mechanism, routes of spread and examples of each route - Circulatory disturbances: Thrombosis, embolism, shock - Disturbance of body fluids and electrolytes: Edema, Transudates and Exudates	- Lecture - Discussion - Explain using slides - Explain with clinical scenarios	- Short answer - Objective type
II	5 (T)	Explain pathological changes in disease conditions of	Special Pathology Pathological changes in disease conditions of selected systems: I. Respiratory system	- Lecture - Discussion - Explain using slides, X-rays and scans	- Short answer - Objective type

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		various systems	• Pulmonary infections: Pneumonia, Lung abscess, pulmonary tuberculosis • Chronic Obstructive Pulmonary Disease: Chronic bronchitis, Emphysema, Bronchial Asthma, Bronchiectasis • Tumors of Lungs 2. Cardio-vascular system • Atherosclerosis • Ischemia and Infarction. • Rheumatic Heart Disease • Infective endocarditis 3. Gastrointestinal tract • Peptic ulcer disease (Gastric and Duodenal ulcer) • Gastritis-H Pylori infection • Oral mucosa: Oral Leukoplakia, Squamous cell carcinoma • Esophageal cancer • Gastric cancer • Intestinal: Typhoid ulcer, Inflammatory Bowel Disease (Crohn's disease and Ulcerative colitis), Colorectal cancer 4. Liver, Gall Bladder and Pancreas • Liver: Hepatitis, Amoebic Liver abscess, Cirrhosis of Liver • Gall bladder: Cholecystitis. • Pancreas: Pancreatitis • Tumors of liver, Gall bladder and Pancreas 5. Skeletal system • Bone: Bone healing, Osteoporosis, Osteomyelitis, Tumors • Joints: Arthritis - Rheumatoid arthritis and Osteoarthritis 6. Endocrine system • Diabetes Mellitus • Goitre • Carcinoma thyroid	• Visit to pathology lab, endoscopy unit and OT	
III	7 (T)	Describe various laboratory tests in assessment and monitoring of disease conditions	Hematological tests for the diagnosis of blood disorders • Blood tests: Hemoglobin, White cell and platelet counts, PCV, ESR • Coagulation tests: Bleeding time (BT), Prothrombin time (PT), Activated Partial Prothrombin Time (APTT) • Blood chemistry • Blood bank: ○ Blood grouping and cross matching ○ Blood components ○ Plasmapheresis ○ Transfusion reactions Note: Few lab hours can be planned for observation and visits (Less than 1 credit, lab hours are not specified separately)	• Lecture • Discussion • Visit to clinical lab, biochemistry lab and blood bank	• Short answer • Objective type

ADULT HEALTH NURSING - I WITH INTEGRATED PATHOPHYSIOLOGY (including BCLS module)

PLACEMENT: III SEMESTER

THEORY: 7 Credits (140 hours)

PRACTICUM: Lab/Skill Lab (SL) – 1 Credit (40 hours) Clinical – 6 Credits (480 hours)

DESCRIPTION: This course is designed to equip the students to review and apply their knowledge of Anatomy, Physiology, Biochemistry and Behavioral sciences in caring for adult patients with Medical/Surgical disorders using nursing process approach and critical thinking. It also intends to develop competencies required for assessment, diagnosis, treatment, nursing management, and supportive/palliative care to patients with various Medical Surgical disorders.

COMPETENCIES: On completion of Medical Surgical Nursing I course, students will be able to

1. Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of common medical and surgical disorders.
2. Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of anatomy, physiology and diagnostic tests in the process of data collection.
3. Identify nursing diagnoses, list them according to priority and formulate nursing care plan.
4. Perform nursing procedures skillfully and apply scientific principles while giving comprehensive nursing care to patients.
5. Integrate knowledge of pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.
6. Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.
7. Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.
8. Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.
9. Identify the drugs used in treating patients with medical surgical conditions.
10. Plan and give relevant individual and group education on significant medical surgical topics.
11. Maintain safe environment for patients and the health care personnel in the hospital.
12. Integrate evidence-based information while giving nursing care to patients.

COURSE CONTENT

T – Theory, L/SL – Lab/Skill Lab

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	6 (T) 4 (L/SL)	Narrate the evolution of medical surgical nursing Apply nursing process in caring for patients with medical surgical problems Execute the role of a nurse in various medical surgical setting	Introduction • Evolution and trends of medical and surgical nursing • International classification of diseases • Roles and responsibility of a nurse in medical and surgical settings ○ Outpatient department ○ In-patient unit ○ Intensive care unit • Introduction to medical and surgical asepsis ○ Inflammation, infection ○ Wound healing – stages, influencing factors	• Lecture cum discussion • Demonstration & Practice session • Role play • Visit to outpatient department, in patient and intensive care unit	• Short Answer • OSCE

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		Develop skills in assessment and care of wound Develop competency in providing pre and postoperative care	○ Wound care and dressing technique • Care of surgical patient ○ pre-operative ○ post-operative • Alternative therapies used in caring for patients with Medical Surgical Disorders		
II	15 (T) 4 (L/SL)	Explain organizational set up of the operating theatre Differentiate the role of scrub nurse and circulating nurse Describe the different positioning for various surgeries Apply principles of asepsis in handling the sterile equipment Demonstrate skill in scrubbing procedures Demonstrate skill in assessing the patient and document accurately the surgical safety checklist Develop skill in assisting with selected surgeries Explain the types, functions, and nursing considerations for different types of anaesthesia	Intraoperative Care • Organization and physical set up of the operation theatre ○ Classification ○ O.T Design ○ Staffing ○ Members of the OT team ○ Duties and responsibilities of the nurse in OT • Position and draping for common surgical procedures • Instruments, sutures and suture materials, equipment for common surgical procedures • Disinfection and sterilization of equipment • Preparation of sets for common surgical procedures • Scrubbing procedures – Gowning, masking and gloving • Monitoring the patient during the procedures • Maintenance of the therapeutic environment in OT • Assisting in major and minor operation, handling specimen • Prevention of accidents and hazards in OT • Anaesthesia – types, methods of administration, effects and stages, equipment & drugs • Legal aspects	• Lecture cum Discussion • Demonstration, Practice session, and Case Discussion • Visit to receiving bay	• Caring for patient intra operatively • Submit a list of disinfectants used for instruments with the action and precaution
III	6 (T) 4 (L/SL)	Identify the signs and symptoms of shock and electrolyte imbalances Develop skills in managing fluid and electrolyte imbalances Perform pain assessment and plans for the nursing management	Nursing care of patients with common signs and symptoms and management • Fluid and electrolyte imbalance • Shock • Pain	• Lecture, discussion, demonstration • Case discussion	• Short answer • MCQ • Case report

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
IV	18 (T) 4 (L)	Demonstrate skill in respiratory assessment Differentiates different breath sounds and lists the indications Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of common respiratory problems Describe the health behaviour to be adopted in preventing respiratory illnesses	Nursing Management of patients with respiratory problems • Review of anatomy and physiology of respiratory system • Nursing Assessment – history taking, physical assessment and diagnostic tests • Common respiratory problems: ○ Upper respiratory tract infections ○ Chronic obstructive pulmonary diseases ○ Asthma ○ Pleural effusion, Empyema ○ Bronchiectasis ○ Pneumonia ○ Lung abscess ○ Cyst and tumors ○ Chest Injuries ○ Acute respiratory distress syndrome ○ Pulmonary embolism • Health behaviours to prevent respiratory illness	• Lecture, discussion, • Demonstration • Practice session • Case presentation • Visit to PFT Lab	• Essay • Short answer • OSCE
V	16 (T) 5 (L)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of gastrointestinal disorders Demonstrate skill in gastrointestinal assessment Prepare patient for upper and lower gastrointestinal investigations Demonstrate skill in gastric decompression, gavage, and stoma care Demonstrate skill in different feeding techniques	Nursing Management of patients with disorders of digestive system • Review of anatomy and physiology of GI system • Nursing assessment –History and physical assessment • GI investigations • Common GI disorders: ○ Oral cavity: lips, gums and teeth ○ GI: Bleeding, Infections, Inflammation, tumors, Obstruction, Perforation & Peritonitis ○ Peptic & duodenal ulcer, ○ Mal-absorption, Appendicitis, Hernias ○ Hemorrhoids, fissures, Fistulas ○ Pancreas: inflammation, cysts, and tumors ○ Liver: inflammation, cysts, abscess, cirrhosis, portal hypertension, hepatic failure, tumors ○ Gall bladder: inflammation, Cholelithiasis, tumors • Gastric decompression, gavage and stoma care, different feeding techniques	• Lecture, Discussion • Demonstration, • Role play • Problem Based Learning • Visit to stoma clinic	• Short answer • Quiz • OSCE

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			Alternative therapies, drugs used in treatment of disorders of digestive system		
VI	20 (T) 5 (L)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of cardiovascular disorders Demonstrate skill in cardiovascular assessment Prepare patient for invasive and non-invasive cardiac procedures Demonstrate skill in monitoring and interpreting clinical signs related to cardiac disorders Complete BLS/BCLS module	Nursing Management of patients with cardiovascular problems - Review of anatomy and physiology of cardio-vascular system - Nursing Assessment: History and Physical assessment - Invasive & non-invasive cardiac procedures - Disorders of vascular system- Hypertension, arteriosclerosis, Raynaud's disease, aneurysm and peripheral vascular disorders - Coronary artery diseases: coronary atherosclerosis, Angina pectoris, myocardial infarction - Valvular disorders: congenital and acquired - Rheumatic heart disease: pericarditis, myocarditis, endocarditis, cardiomyopathies - Cardiac dysrhythmias, heart block - Congestive heart failure, corpulmonale, pulmonary edema, cardiogenic shock, cardiac tamponade - Cardiopulmonary arrest	- Lecture, discussion - Demonstration - Practice session - Case Discussion - Health education - Drug Book/ presentation Completion of BCLS Module	- Care plan - Drug record - BLS/BCLS evaluation
VII	7 (T) 3 (L)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of hematological disorders Interpret blood reports Prepare and provides health education on blood donation	Nursing Management of patients with disorders of blood - Review of Anatomy and Physiology of blood - Nursing assessment: history, physical assessment & Diagnostic tests - Anemia, Polycythemia - Bleeding Disorders: clotting factor defects and platelets defects, thalassemia, leukemia, leukopenia, agranulocytosis - Lymphomas, myelomas	- Field visit to blood bank - Counseling	- Interpretation of blood reports - Visit report
VIII	8 (T) 2 (L)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and	Nursing management of patients with disorders of endocrine system - Review of anatomy and physiology of endocrine system - Nursing Assessment –History and Physical assessment	- Lecture, discussion, demonstration - Practice session - Case Discussion - Health education	Prepare health education on self-administration of insulin

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		nursing management of endocrine disorders Demonstrate skill in assessment of endocrine organ dysfunction Prepare and provides health education on diabetic diet Demonstrate skill in insulin administration	- Disorders of thyroid and Parathyroid, Adrenal and Pituitary (Hyper, Hypo, tumors) - Diabetes mellitus		Submits a diabetic diet plan
IX	8 (T) 2 (L)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of disorders of integumentary system Demonstrate skill in integumentary assessment Demonstrate skill in medicated bath Prepare and provide health education on skin care	Nursing management of patients with disorders of Integumentary system - Review of anatomy and physiology of skin - Nursing Assessment: History and Physical assessment - Infection and infestations; Dermatitis - Dermatoses; infectious and Non infectious - Acne, Allergies, Eczema & Pemphigus - Psoriasis, Malignant melanoma, Alopecia - Special therapies, alternative therapies - Drugs used in treatment of disorders of integumentary system	- Lecture, discussion - Demonstration - Practice session - Case Discussion	- Drug report - Preparation of Home care plan
X	16 (T) 4 (L)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of musculoskeletal disorders Demonstrate skill in musculoskeletal assessment Prepare patient for radiological and non-radiological investigations of musculoskeletal system Demonstrate skill in crutch walking and splinting	Nursing management of patients with musculoskeletal problems - Review of Anatomy and physiology of the musculoskeletal system - Nursing Assessment: History and physical assessment, diagnostic tests - Musculoskeletal trauma: Dislocation, fracture, sprain, strain, contusion, amputation - Musculoskeletal infections and tumors: Osteomyelitis, benign and malignant tumour - Orthopedic modalities: Cast, splint, traction, crutch walking - Musculoskeletal inflammation: Bursitis, synovitis, arthritis - Special therapies, alternative therapies - Metabolic bone disorder: Osteoporosis, osteomalacia and Paget's disease	- Lecture/ - Discussion - Demonstration - Case Discussion - Health education	- Nursing care plan - Prepare health teaching on care of patient with cast

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		Demonstrate skill in care of patient with replacement surgeries Prepare and provide health education on bone healing	• Spinal column defects and deformities – tumor, prolapsed intervertebral disc, Pott's spine • Rehabilitation, prosthesis • Replacement surgeries		
XI	20 (T) 3 (L)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of patients with communicable diseases Demonstrate skill in barrier and reverse barrier techniques Demonstrate skill in execution of different isolation protocols	Nursing management of patients with Communicable diseases • Overview of infectious diseases, the infectious process • Nursing Assessment: History and Physical assessment, Diagnostic tests • Tuberculosis • Diarrhoeal diseases, hepatitis A-E, Typhoid • Herpes, chickenpox, Smallpox, Measles, Mumps, Influenza • Meningitis • Gas gangrene • Leprosy • Dengue, Plague, Malaria, Chikungunya, swine flu, Filariasis • Diphtheria, Pertussis, Tetanus, Poliomyelitis • COVID-19 • Special infection control measures: Notification, Isolation, Quarantine, Immunization	• Lecture, discussion, demonstration • Practice session • Case Discussion/ seminar • Health education • Drug Book/ presentation • Refer TB Control & Management module	• Prepares and submits protocol on various isolation techniques

CLINICAL PRACTICUM

CLINICAL PRACTICUM: 6 Credits (480 hours) - 18 weeks × 27 hours

PRACTICE COMPETENCIES: On completion of the clinical practicum, the students will be able to apply nursing process and critical thinking in delivering holistic nursing care including rehabilitation to the adult patients undergoing surgery, with shock and fluid and electrolyte imbalance and with selected medical & surgical conditions i.e., Gastrointestinal, Respiratory, Endocrine, Orthopedic, Dermatology and Cardiovascular disorders.

The students will be competent to:

1. Utilize the nursing process in providing care to the sick adults in the hospital:
 - a. Perform complete health assessment to establish a data base for providing quality patient care.
 - b. Integrate the knowledge of diagnostic tests in the process of data collection.
 - c. Identify nursing diagnoses and list them according to priority.
 - d. Formulate nursing care plan, using problem solving approach.
 - e. Apply scientific principles while giving nursing care to patients.
 - f. Perform nursing procedures skillfully on patients.
 - g. Establish/develop interpersonal relationship with patients and family members.
 - h. Evaluate the expected outcomes and modify the plan according to the patient needs.

2. Provide comfort and safety to adult patients in the hospital.
3. Maintain safe environment for patients during hospitalization.
4. Explain nursing actions appropriately to the patients and family members.
5. Ensure patient safety while providing nursing procedures.
6. Assess the educational needs of the patient and their family related to medical and surgical disorders and provide appropriate health education to patients.
7. Provide pre, intra and post-operative care to patients undergoing surgery.
8. Integrate knowledge of pathology, nutrition and pharmacology for patients experiencing various medical and surgical disorders.
9. Integrate evidence-based information while giving nursing care to patients.
10. Demonstrate the awareness of legal and ethical issues in nursing practice.

I. NURSING MANAGEMENT OF PATIENTS WITH MEDICAL CONDITIONS

A. Skill Lab

Use of manikins and simulators

- Intravenous therapy
- Oxygen through mask
- Oxygen through nasal prongs
- Venturi mask
- Nebulization
- Chest physiotherapy

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
General medical	4	Develop skill in intravenous injection administration and IV therapy Assist with diagnostic procedures Develop skill in the management of patients with Respiratory problems Develop skill in managing patients with metabolic abnormality	• Intravenous therapy ◦ IV cannulation ◦ IV maintenance and monitoring ◦ Administration of IV medication • Care of patient with Central line • Preparation and assisting and monitoring of patients undergoing diagnostic procedures such as thoracentesis, Abdominal paracentesis <i>Management patients with respiratory problems</i> • Administration of oxygen through mask, nasal prongs, venturi mask • Pulse oximetry • Nebulization • Chest physiotherapy • Postural drainage • Oropharyngeal suctioning • Care of patient with chest drainage • Diet Planning ◦ High Protein diet ◦ Diabetic diet • Insulin administration • Monitoring GRBS	• Care Study – 1 • Health education • Clinical presentation/ Care note) – 1	• Clinical evaluation • OSCE • Care Study evaluation • Care Note/ Clinical presentation

II. NURSING MANAGEMENT OF PATIENTS WITH SURGICAL CONDITIONS

A. Skill Lab

Use of manikins and simulators

- Nasogastric aspiration
- Surgical dressing
- Suture removal
- Colostomy care/ileostomy care
- Enteral feeding

B. Clinical Postings

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
General surgical wards	4	Develop skill in caring for patients during pre- and post-operative period Assist with diagnostic procedures Develop skill in managing patient with Gastro-intestinal Problems Develop skill in wound management	• Pre-Operative care • Immediate Post-operative care • Post-operative exercise • Pain assessment • Pain Management • Assisting diagnostic procedure and after care of patients undergoing ○ Colonoscopy ○ ERCP ○ Endoscopy ○ Liver Biopsy • Nasogastric aspiration • Gastrostomy/Jejunostomy feeds • Ileostomy/Colostomy care • Surgical dressing • Suture removal • Surgical soak • Sitz bath • Care of drain	• Care study – 1 • Health teaching	• Clinical evaluation, OSCE • Care study • Care note/ Clinical presentation

III. NURSING MANAGEMENT OF PATIENTS WITH CARDIAC CONDITIONS

A. Skill Lab

Use of manikins and simulators

- Cardiovascular assessment
- Interpreting ECG
- BLS/BCLS
- CPR
- ABG analysis
- Taking blood sample
- Arterial blood gas analysis – interpretation

B. Clinical Postings

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Cardiology wards	2	Develop skill in management of patients with cardiac problems	• Cardiac monitoring • Recording and interpreting ECG • Arterial blood gas analysis – interpretation • Administer cardiac drugs	• Cardiac assessment – 1 • Drug presentation – 1	• Clinical evaluation • Drug presentation

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
		Develop skill in management of patients with disorders of Blood	• Preparation and after care of patients for cardiac catheterization • CPR • Collection of blood sample for: ○ Blood grouping/cross matching ○ Blood sugar ○ Serum electrolytes • Assisting with blood transfusion • Assisting for bone marrow aspiration • Application of anti-embolism stockings (TED hose) • Application/maintenance of sequential Compression device		

IV. NURSING MANAGEMENT OF PATIENTS WITH DISORDERS OF INTEGUMENTARY SYSTEM

A. Skill Lab

Use of manikins and simulators

Application of topical medication

B. Clinical Postings

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Dermatology wards	1	Develop skill in management of patients with disorders of integumentary system	• Intradermal injection-Skin allergy testing • Application of topical medication • Medicated bath		• Clinical evaluation

V. NURSING MANAGEMENT OF PATIENTS WITH COMMUNICABLE DISEASES

A. Skill Lab

- Barrier Nursing
- Reverse Barrier Nursing
- Standard precautions

B. Clinical Postings

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Isolation ward	1	Develop skill in the management of patients requiring isolation	• Barrier Nursing • Reverse barrier nursing • Standard precautions (Universal precaution), use of PPE, needle stick and sharp injury prevention, Cleaning and disinfection, Respiratory hygiene, waste disposal and safe injection practices)	• Care Note – 1	• Clinical evaluation • Care note

VI. NURSING MANAGEMENT OF PATIENTS WITH MUSCULOSKELETAL PROBLEMS

A. Skill Lab

Use of manikins and simulators

- Range of motion exercises
- Muscle strengthening exercises
- Crutch walking

B. Clinical Postings

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Orthopedic wards	2	Develop skill in management of patients with musculoskeletal problems	• Preparation of patient with Myelogram/CT/MRI • Assisting with application & removal of POP/Cast • Preparation, assisting and after care of patient with Skin traction/skeletal traction • Care of orthotics • Muscle strengthening exercises • Crutch walking • Rehabilitation	• Care Note – 1	• Clinical evaluation, • Care note

VII. NURSING MANAGEMENT OF PATIENTS IN THE OPERATING ROOMS

A. Skill Lab

Use of manikins and simulators

- Scrubbing, gowning and gloving
- Orient to instruments for common surgeries
- Orient to suture materials
- Positioning

B. Clinical Postings

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Operation theatre	4	Develop skill in caring for intraoperative patients	• Position and draping • Preparation of operation table • Set up of trolley with instrument • Assisting in major and minor operation • Disinfection and sterilization of equipment • Scrubbing procedures – Gowning, masking and gloving • Intra operative monitoring	• Assist as circulatory nurse – 4 • Positioning & draping – 5 • Assist as scrub nurse in major surgeries – 4 • Assist as scrub nurse in minor surgeries – 4	• Clinical evaluation • OSCE

PHARMACOLOGY - II

including Fundamentals of Prescribing Module

PLACEMENT: IV SEMESTER

THEORY: 3 Credits (60 hours)

DESCRIPTION: This course is designed to enable students to acquire understanding of Pharmacodynamics, Pharmacokinetics, principles of therapeutics & nursing implications. Further it develops understanding of fundamental principles of prescribing in students.

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

9. Explain the drugs used in the treatment of ear, nose, throat and eye disorders.
10. Explain the drugs used in the treatment of urinary system disorders.
11. Describe the drugs used in the treatment of nervous system disorders.
12. Explain the drugs used for hormonal replacement and for the pregnant women during antenatal, intra natal and postnatal period.
13. Explain the drugs used to treat emergency conditions and immune disorders.
14. Discuss the role and responsibilities of nurses towards safe administration of drugs used to treat disorders of various systems with basic understanding of pharmacology.
15. Demonstrate understanding about the drugs used in alternative system of medicine.
16. Demonstrate understanding about the fundamental principles of prescribing.

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	4 (T)	Describe drugs used in disorders of ear, nose, throat and eye and nurses' responsibilities	Drugs used in disorders of ear, nose, throat & Eye • Antihistamines • Topical applications for eye (Chloramphenicol, Gentamycin eye drops), ear (Soda glycerin, boric spirit ear drops), nose and buccal cavity-chlorhexidine mouthwash • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse	• Lecture cum Discussion • Drug study/ presentation	• Short answer • Objective type
II	4 (T)	Describe drugs acting on urinary system & nurse's responsibilities	Drugs used on urinary system • Pharmacology of commonly used drugs ○ Renin angiotensin system ○ Diuretics and antidiuretics ○ Drugs toxic to kidney ○ Urinary antiseptics ○ Treatment of UTI – acidifiers and alkalinizers • Composition, action, dosage, route, indications, contraindications, Drug interactions, side effects, adverse effects toxicity and role of nurse	• Lecture cum Discussion • Drug study/ presentation	• Short answer • Objective type
III	10 (T)	Describe drugs used on nervous system & nurse's responsibilities	Drugs acting on nervous system • Basis & applied pharmacology of commonly used drugs • Analgesics and anaesthetics	• Lecture cum Discussion • Drug study/ presentation	• Short answer • Objective type

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			○ Analgesics: Non-steroidal anti-inflammatory (NSAID) drugs ○ Antipyretics ○ Opioids & other central analgesics ✓ General (techniques of GA, pre anesthetic medication) & local anesthetics ✓ Gases: oxygen, nitrous, oxide, carbon-dioxide & others ● Hypnotics and sedatives ● Skeletal muscle relaxants ● Antipsychotics ○ Mood stabilizers ● Antidepressants ● Antianxiety Drugs ● Anticonvulsants ● Drugs for neurodegenerative disorders & miscellaneous drugs ● Stimulants, ethyl alcohol and treatment of methyl alcohol poisoning ● Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects toxicity and role of nurse		
IV	5 (T)	Describe drugs used for hormonal disorder & supplementation, contraception & medical termination of pregnancy & nurse's responsibilities	Drugs used for hormonal, disorders and supplementation, contraception and medical termination of pregnancy ● Estrogens and progestones ○ Oral contraceptives and hormone replacement therapy ● Vaginal contraceptives ● Drugs for infertility and medical termination of pregnancy ○ Uterine stimulants and relaxants ● Composition, actions dosage route indications contraindications, drugs interactions, side effects, adverse effects, toxicity and role of nurse	● Lecture cum Discussion ● Drug study/ presentation	● Short answer ● Objective type
V	3 (T)	Develop understanding about important drugs used for women before, during and after labour	Drugs used for pregnant women during antenatal, labour and postnatal period ● Tetanus prophylaxis ● Iron and Vit K1 supplementation ● Oxytocin, Misoprostol ● Ergometrine ● Methyl prostaglandin F₂-alpha ● Magnesium sulphate ● Calcium gluconate	● Lecture cum Discussion ● Drug study/ presentation	● Short answer ● Objective type
VI	10 (T)	Describe drugs used in deaddiction, emergency, poisoning, vitamins & minerals	Miscellaneous ● Drugs used for deaddiction ● Drugs used in CPR and emergency-adrenaline, Chlorpheniramine, hydrocortisone, Dexamethasone	● Lecture cum Discussion ● Drug study/ presentation	● Short answer ● Objective type

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		supplementation, drugs used for immunization & immune-suppression & nurse's responsibilities	• IV fluids & electrolytes replacement • Common poisons, drugs used for treatment of poisoning ◦ Activated charcoal ◦ Ipecac ◦ Antidotes, ◦ Anti-snake venom (ASV) • Vitamins and minerals supplementation • Vaccines & sera (Universal immunization program schedules) • Anticancer drugs: Chemotherapeutic drugs commonly used • Immuno-suppressants and Immunostimulants		
VII	4 (T)	Demonstrate awareness of common drugs used in alternative system of medicine	Introduction to drugs used in alternative systems of medicine • Ayurveda, Homeopathy, Unani and Siddha etc. • Drugs used for common ailments	• Lecture cum Discussion • Observational visit	• Short answer • Objective type
VIII	20 (T)	Demonstrate understanding about fundamental principles of prescribing	Fundamental principles of prescribing • Prescriptive role of nurse practitioners: Introduction • Legal and ethical issues related to prescribing • Principles of prescribing • Steps of prescribing • Prescribing competencies	• Completion of module on Fundamental principles of prescribing	• Short answer • Assignments evaluation

PATHOLOGY - II AND GENETICS

PLACEMENT: IV SEMESTER

THEORY: 1 Credit (20 hours) (Includes lab hours also)

DESCRIPTION: This course is designed to enable students to acquire knowledge of pathology of various disease conditions, understanding of genetics, its role in causation and management of defects and diseases and to apply this knowledge in practice of nursing.

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

19. Apply the knowledge of pathology in understanding the deviations from normal to abnormal pathology
20. Rationalize the various laboratory investigations in diagnosing pathological disorders
21. Demonstrate the understanding of the methods of collection of blood, body cavity fluids, urine and feces for various tests
22. Apply the knowledge of genetics in understanding the various pathological disorders
23. Appreciate the various manifestations in patients with diagnosed genetic abnormalities
24. Rationalize the specific diagnostic tests in the detection of genetic abnormalities.
25. Demonstrate the understanding of various services related to genetics.

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	5 (T)	Explain pathological changes in disease conditions of various systems	Special Pathology: Pathological changes in disease conditions of selected systems 1. Kidneys and Urinary tract • Glomerulonephritis • Pyelonephritis • Renal calculi • Cystitis • Renal Cell Carcinoma • Renal Failure (Acute and Chronic) 2. Male genital systems • Cryptorchidism • Testicular atrophy • Prostatic hyperplasia • Carcinoma penis and Prostate. 3. Female genital system • Carcinoma cervix • Carcinoma of endometrium • Uterine fibroids • Vesicular mole and Choriocarcinoma • Ovarian cyst and tumors 4. Breast • Fibrocystic changes • Fibroadenoma • Carcinoma of the Breast 5. Central nervous system • Meningitis. • Encephalitis • Stroke • Tumors of CNS	• Lecture • Discussion • Explain using slides, X-rays and scans • Visit to pathology lab, endoscopy unit and OT	• Short answer • Objective type

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
II	5 (T)	Describe the laboratory tests for examination of body cavity fluids, urine and faeces	Clinical Pathology - Examination of body cavity fluids: - Methods of collection and examination of CSF and other body cavity fluids (sputum, wound discharge) specimen for various clinical pathology, biochemistry and microbiology tests - Analysis of semen: - Sperm count, motility and morphology and their importance in infertility - Urine: - Physical characteristics, Analysis, Culture and Sensitivity - Faeces: - Characteristics - Stool examination: Occult blood, Ova, Parasite and Cyst, Reducing substance etc. - Methods and collection of urine and faeces for various tests	- Lecture - Discussion - Visit to clinical lab and biochemistry lab	- Short answer - Objective type

GENETICS

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	2 (T)	Explain nature, principles and perspectives of heredity	Introduction: - 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)	- Lecture - Discussion - Explain using slides	- Short answer - Objective type
II	2 (T)	Explain maternal, prenatal and genetic influences on development of defects and diseases	Maternal, prenatal and genetic influences on development of defects and diseases - Conditions affecting the mother: genetic and infections - Consanguinity atopy - Prenatal nutrition and food allergies - Maternal age - Maternal drug therapy	- Lecture - Discussion - Explain using slides	- Short answer - Objective type

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			• Prenatal testing and diagnosis • Effect of Radiation, drugs and chemicals • Infertility • Spontaneous abortion • Neural Tube Defects and the role of folic acid in lowering the risks • Down syndrome (Trisomy 21)		
III	2 (T)	Explain the screening methods for genetic defects and diseases in neonates and children	Genetic testing in the neonates and children • Screening for ◦ Congenital abnormalities ◦ Developmental delay ◦ Dysmorphism	• Lecture • Discussion • Explain using slides	• Short answer • Objective type
IV	2 (T)	Identify genetic disorders in adolescents and adults	Genetic conditions of adolescents and adults • Cancer genetics: Familial cancer • Inborn errors of metabolism • Blood group alleles and hematological disorder • Genetic haemochromatosis • Huntington's disease • Mental illness	• Lecture • Discussion • Explain using slides	• Short answer • Objective type
V	2 (T)	Describe the role of nurse in genetic services and counselling	Services related to genetics • Genetic testing • Gene therapy • Genetic counseling • Legal and Ethical issues • Role of nurse	• Lecture • Discussion	• Short answer • Objective type

ADULT HEALTH NURSING - II WITH INTEGRATED PATHOPHYSIOLOGY including Geriatric Nursing AND PALLIATIVE CARE MODULE



PLACEMENT: IV SEMESTER

THEORY: 7 Credits (140 hours)

PRACTICUM: Lab/Skill Lab (SL): 1 Credit (40 hours) Clinical: 6 Credits (480 hours)

DESCRIPTION: This course is designed to equip the students to review and apply their knowledge of Anatomy, Physiology, Biochemistry and Behavioral sciences in caring for adult patients with Medical/Surgical disorders using nursing process approach. It also intends to develop competencies required for assessment, diagnosis, treatment, nursing management, and supportive/palliative and rehabilitative care to adult patients with various Medical Surgical disorders.

COMPETENCIES: On completion of the course the students will apply nursing process and critical thinking in delivering holistic nursing care with selected Medical and Surgical conditions.

At the completion of Adult Health Nursing II course, students will

1. Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of selected common medical and surgical disorders.
2. Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of diagnostic tests in the process of data collection.
3. Identify diagnoses, list them according to priority and formulate nursing care plan.
4. Perform nursing procedures skillfully and apply scientific principles while giving comprehensive nursing care to patients.
5. Integrate knowledge of anatomy, physiology, pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.
6. Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.
7. Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.
8. Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.
9. Identify the drugs used in treating patients with selected medical surgical conditions.
10. Plan and provide relevant individual and group education on significant medical surgical topics.
11. Maintain safe environment for patients and the health care personnel in the hospital.

COURSE OUTLINE

T – Theory, L/SL – Lab/Skill Lab

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	12 (T) 4 (SL)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic measures and medical, surgical, nutritional and nursing management of patients with ENT disorders	Nursing management of patient with disorders of Ear, Nose and Throat (Includes etiology, pathophysiology, clinical manifestations, diagnostic measures and medical, surgical, nutritional and nursing management) • Review of anatomy and physiology of the ear, nose and throat • History, physical assessment, and diagnostic tests • Ear ◦ External ear: deformities otalgia, foreign bodies and tumors	• Lecture and discussion • Demonstration of hearing aids, nasal packing, medication administration • Visit to audiology and speech clinic	• MCQ • Short answer • Essay • OSCE • Assessment of skill (using checklist) • Quiz • Drug book

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			○ Middle ear: impacted wax, tympanic, membrane perforation, otitis media, and tumors ○ Inner ear: Meniere's disease, labyrinthitis, ototoxicity tumors • Upper respiratory airway infections: Rhinitis, sinusitis, tonsillitis, laryngitis • Epistaxis, Nasal obstruction, laryngeal obstruction • Deafness and its management		
II	12 (T) 4 (SL)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with disorders of eye Describe eye donation, banking and transplantation	Nursing management of patient with disorder of eye • Review of anatomy and physiology of the eye • History, physical assessment, diagnostic assessment Eye Disorders • Refractive errors • Eyelids: infection, deformities • Conjunctiva: inflammation and infection bleeding • Cornea: inflammation and infection • Lens: cataract • Glaucoma • Retinal detachment • Blindness • Eye donation, banking and transplantation	• Lecture and discussion • Demonstration of visual aids, lens, medication administration • Visit to eye bank	• MCQ • Short Essay • OSCE • Drug book
III	15 (T) 4 (L/SL)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Kidney and urinary system disorders Demonstrate skill in genitourinary assessment Prepare patient for genitourinary investigations Prepare and provide health education on prevention of renal calculi	Nursing management of patient with Kidney and Urinary problems • Review of Anatomy and physiology of the genitourinary system • History, physical assessment, diagnostic tests • Urinary tract infections: acute, chronic, lower, upper • Nephritis, nephrotic syndrome • Renal calculi • Acute and chronic renal failure • Disorders of ureter, urinary bladder and Urethra • Disorders of prostate: inflammation, infection, stricture, obstruction, and Benign Prostate Hypertrophy	• Lecture cum Discussion • Demonstration • Case Discussion • Health education • Drug book • Field visit – Visits hemodialysis unit	• MCQ • Short Note • Long essay • Case report • Submits health teaching on prevention of urinary calculi
IV	6 (T)	Explain the etiology, pathophysiology, clinical	Nursing management of disorders of male reproductive system	• Lecture, Discussion • Case Discussion	• Short essay

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of male reproductive disorders	• Review of Anatomy and physiology of the male reproductive system • History, Physical Assessment, Diagnostic tests • Infections of testis, penis and adjacent structures: Phimosis, Epididymitis, and Orchitis • Sexual dysfunction, infertility, contraception • Male Breast Disorders: gynecomastia, tumor, climacteric changes	• Health education	
V	10 (T) 4 (SL)	Explain the etiology, pathophysiology, clinical manifestations, types, diagnostic measures and management of patients with disorders of burns/cosmetic surgeries and its significance	Nursing management of patient with burns, reconstructive and cosmetic surgery • Review of anatomy and physiology of the skin and connective tissues • History, physical assessment, assessment of burns and fluid & electrolyte loss • Burns • Reconstructive and cosmetic surgery for burns, congenital deformities, injuries and cosmetic purposes, gender reassignment • Legal and ethical aspects • Special therapies: LAD, vacuumed dressing, Laser, liposuction, skin health rejuvenation, use of derma filters	• Lecture and discussion • Demonstration of burn wound assessment, vacuum dressing and fluid calculations • Visit to burn rehabilitation centers	• OSCE • Short notes
VI	16 (T) 4 (L/SL)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with neurological disorders	Nursing management of patient with neurological disorders • Review of anatomy and physiology of the neurological system • History, physical and neurological assessment, diagnostic tests • Headache, Head injuries • Spinal injuries: Paraplegia, Hemiplegia, Quadriplegia • Spinal cord compression: herniation of in vertebral disc • Intra cranial and cerebral aneurysms • Meningitis, encephalitis, brain, abscess, neuro-cysticercosis • Movement disorders: Chorea, Seizures & Epilepsies • Cerebrovascular disorders: CVA • Cranial, spinal neuropathies: Bell's palsy, trigeminal neuralgia • Peripheral Neuropathies • Degenerative diseases: Alzheimer's disease, Parkinson's disease	• Lecture and discussion • Demonstration of physiotherapy, neuro assessment, tracheostomy care • Visit to rehabilitation center, long term care clinics, EEG, NCV study unit,	• OSCE • Short notes • Essay • Drug book

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			• <i>Guillain-Barré syndrome, Myasthenia gravis & Multiple sclerosis</i> • Rehabilitation of patient with neurological deficit		
VII	12 (T) 4 (L/SL)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of immunological disorders Prepare and provides health education on prevention of HIV infection and rehabilitation Describe the national infection control programs	Nursing management of patients with Immunological problems • Review of Immune system • Nursing Assessment: History and Physical assessment • HIV & AIDS: Epidemiology, Transmission, Prevention of Transmission and management of HIV/AIDS • Role of Nurse; Counseling, Health education and home care consideration and rehabilitation • National AIDS Control Program – NACO, various national and international agencies for infection control	• Lecture, discussion • Case Discussion/ seminar • Refer Module on HIV/AIDS	
VIII	12 (T) 4 (L/SL)	Explain the etiology, pathophysiology, types, clinical manifestations, staging, diagnostic measures and management of patients with different cancer, treatment modalities including newer treatments	Nursing management of patient with Oncological conditions • Structure and characteristics of normal and cancer cells • History, physical assessment, diagnostic tests • Prevention screening early detections warning sign of cancer • Epidemiology, etiology, classification, Pathophysiology, staging clinical manifestations, diagnosis, treatment modalities and medical and surgical nursing management of Oncological condition • Common malignancies of various body system eye, ear, nose, larynx, breast, cervix, ovary, uterus, sarcoma, renal, bladder, kidney, prostate Brain, Spinal cord. • Oncological emergencies • Modalities of treatment: Chemotherapy, Radiotherapy: Radiation safety, AERB regulations, Surgical intervention, Stem cell and bone marrow transplant, Immunotherapy, Gene therapy • Psychological aspects of cancer: anxiety, depression, insomnia, anger • Supportive care • Hospice care	• Lecture and discussion • Demonstration of chemotherapy preparation and administration • Visit to BMT, radiotherapy units (linear accelerator, brachytherapy, etc.), nuclear medicine unit • Completion of palliative care module during clinical hours (20 hours)	• OSCE • Essay • Quiz • Drug book • Counseling, health teaching

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
IX	15 (T) 4 (L/SL)	Explain the types, policies, guidelines, prevention and management of disaster and the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with acute emergencies	Nursing management of patient in Emergency and Disaster situations Disaster Nursing • Concept and principles of disaster nursing, Related Policies • Types of disaster: Natural and manmade • Disaster preparedness: Team, guidelines, protocols, equipment, resources • Etiology, classification, Pathophysiology, staging, clinical manifestation, diagnosis, treatment modalities and medical and surgical nursing management of patient with medical and surgical emergencies – Poly trauma, Bites, Poisoning and Thermal emergencies • Principles of emergency management • Medico legal aspects	• Lecture and discussion • Demonstration of disaster preparedness (Mock drill) and triaging • Filed visit to local disaster management centers or demo by fire extinguishers • Group presentation (role play, skit, concept mapping) on different emergency care • Refer Trauma care management/ ATCN module • Guided reading on National Disaster Management Authority (NDMA) guidelines	• OSCE • Case presentations and case study
X	10 (T)	Explain the Concept, physiological changes, and psychosocial problems of ageing Describe the nursing management of the elderly	Nursing care of the elderly • History and physical assessment • Aging process and age-related body changes and psychosocial aspects • Stress and coping in elder patient • Psychosocial and sexual abuse of elderly • Role of family and formal and non-formal caregivers • Use of aids and prosthesis (hearing aids, dentures) • Legal and ethical issues • National programs for elderly, privileges, community programs and health services • Home and institutional care	• Lecture and discussion • Demonstration of communication with visual and hearing impaired • Field visit to old age homes	• OSCE • Case presentations • Assignment on family systems of India focusing on geriatric population
XI	15 (T) 8 (L/SL)	Explain the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients in critical care units	Nursing management of patients in critical Care units • Principles of critical care nursing • Organization: physical set-up, policies, staffing norms • Protocols, equipment and supplies • Use and application of critical care biomedical equipment: ventilators, cardiac monitors, defibrillators, infusion pump, Resuscitation equipment and any other • Advanced Cardiac Life support	• Lecture and discussion • Demonstration on the use of mechanical ventilators, cardiac monitors etc. • Clinical practice in different ICUs	• Objective-type • Short notes • Case presentations • Assessment of skill on monitoring of patients in ICU. • Written assignment on ethical

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			• Nursing management of critically ill patient • Transitional care • Ethical and Legal Aspects • Breaking Bad News to Patients and/or their families: Communication with patient and family • End of life care		and legal issues in critical care
XII	5 (T)	Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with occupational/ industrial health disorders	Nursing management of patients occupational and industrial disorders • History, physical examination, Diagnostic tests • Occupational diseases and management	• Lecture and discussion • Industrial visit	• Assignment on industrial health hazards

CLINICAL PRACTICUM

CLINICAL PRACTICUM: 6 Credits (480 Hours) – 20 weeks × 24 hours

PRACTICE COMPETENCIES: On completion of the clinical practicum, the students will develop proficiency in applying nursing process and critical thinking in rendering holistic nursing care including rehabilitation to the adult/geriatric patients admitted in Critical Care Units, undergoing cosmetic and reconstructive surgery and with selected medical & surgical disorders of ear, nose, throat, eye, Genitourinary, reproductive, immunologic, nervous systems and in emergency/disaster conditions.

The students will be competent to

11. Utilize the nursing process in providing care to the sick adults in the hospital
 - a. Perform complete health assessment to establish a data base for providing quality patient care.
 - b. Integrate the knowledge of diagnostic tests in patient assignment.
 - c. Identify nursing diagnoses and list them according to priority.
 - d. Formulate nursing care plan, using problem solving approach.
 - e. Apply scientific principles while giving nursing care to patients.
 - f. Develop skill in performing nursing procedures applying scientific principle.
 - g. Establish/develop interpersonal relationship with patients and family members.
 - h. Evaluate the expected outcomes and modify the plan according to the patient needs.
12. Provide comfort and safety to adult patients in the hospital.
13. Maintain safe environment for patients during hospitalization.
14. Explain nursing actions appropriately to the patients and family members.
15. Ensure patient safety while providing nursing procedures.
16. Assess the educational needs of the patient and their family related to medical and surgical disorders and provide appropriate health education to patients.
17. Provide pre, intra and post-operative care to patients undergoing surgery.
18. Integrate knowledge of pathology, nutrition and pharmacology for patients experiencing selected medical and surgical disorders.
19. Integrate evidence-based information while giving nursing care to patients.
20. Demonstrate the awareness of legal and ethical issues in nursing practice.

I. Nursing Management of Patients with ENT Disorders

A. Skill Lab

Use of manikins and simulators

- Tracheostomy care
- Instilling Ear and Nasal medications
- Bandage application

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
ENT Ward and OPD	2	Provide care to patients with ENT disorders Educate the patients and their families	• Examination of ear, nose, throat and History taking • Applying bandages to Ear, Nose • Tracheostomy care • Preparation of patient, assisting and monitoring of patients undergoing diagnostic procedures ◦ Auditory screening tests ◦ Audiometric tests • Preparing the patient and assisting in special procedures like Anterior/posterior nasal packing, Ear Packing and Syringing • Preparation and after care of patients undergoing ENT surgical procedures • Instillation of drops/medication	• ENT assessment –1 • Case study/ Clinical presentation – 1	• Clinical evaluation • OSCE • Case report study/ Clinical presentation

II. Nursing Management of Patients with Eye Conditions

A. Skill Lab

Use of manikins and simulators

- Instilling Eye medications
- Eye irrigation
- Eye bandage

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Ophthalmology unit	2	Develop skill in providing care to patients with Eye disorders Educate the patients and their families	• History taking, Examination of eyes and interpretation • Assisting procedures ◦ Visual acuity ◦ Fundoscopy, retinoscopy, ophthalmoscopy, tonometry, Refraction tests • Pre and post-operative care • Instillation of drops/ medication • Eye irrigation • Application of eye bandage • Assisting with foreign body removal	• Eye assessment – 1 • Health teaching • Case study/ Clinical Presentation– 1	• Clinical evaluation • OSCE • Clinical presentation

III. Nursing Management of Patients with Kidney and Urinary System Disorders

A. Skill Lab

Use of manikins and simulators

- Assessment: kidney & urinary system
- Preparation: dialysis
- Catheterization and care

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Renal ward/ nephrology ward including Dialysis unit	2	Develop skill in Management of patients with urinary, male reproductive problems	- Assessment of kidney and urinary system - History taking - Physical examination - Testicular self-examination - digital rectal exam - Preparation and assisting with diagnostic and therapeutic procedures - Cystoscopy, Cystometrogram, - Contrast studies: IVP etc. - Peritoneal dialysis - Hemodialysis, - Lithotripsy - Specific tests: Semen analysis, gonorrhoea test, Renal/ Prostate Biopsy etc. - Catheterization: care - Bladder irrigation - I/O recording and monitoring - Ambulation and exercise	- Assessment – 1 - Drug presentation – 1 - Care study/ Clinical presentation – 1 - Preparing and assisting in hemodialysis	- Clinical evaluation - Care plan - OSCE - Quiz - Drug presentation

IV. Nursing Management of Patients with Burns and Reconstructive Surgery

A. Skill Lab

Use of manikins and simulators

- Assessment of burns wound
- Wound dressing

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Burns unit/ reconstructive surgical unit	2	Develop skill in burns assessment and providing care to patients with different types of burns Develop skill in providing care to patients with different types of cosmetic and reconstructive surgeries	- Assessment of burns - First aid of burns - Fluid & electrolyte replacement therapy - Skin care - Care of Burn wounds. - Bathing - Dressing - Pre-operative and post-operative care of patients - Caring of skin graft and post cosmetic surgery - Rehabilitation	- burn wound assessment – 1 - care study/case presentation – 1	- Clinical evaluation, - Care study/case report

V. Nursing Management of Patients with neurological disorders

A. Skill Lab

Use of manikins and simulators

- Range of motion exercises
- Muscle strengthening exercises
- Crutch walking

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Neurology-medical/ Surgery wards	3	Develop skill in Management of patients with Neurological problems	- History taking; Neurological Examination - Patient monitoring - Prepare and assist for various invasive and non-invasive diagnostic procedures - Range of motion exercises, muscle strengthening - Care of medical, surgical and rehabilitative patients	- Neuro-assessment – 1 - Case study/ case presentation – 1 - Drug presentation – 1	- Clinical evaluation - Neuro assessment - OSCE - Case report/ presentations

VI. Nursing Management of Patients with Immunological Disorders

A. Skill Lab

- Barrier Nursing
- Reverse Barrier Nursing

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Isolation ward/ Medical ward	1	Develop skill in the Management of patients with immunological disorders	- History taking - Immunological status assessment (e.g. HIV) and Interpretation of specific tests - Caring of patients with low immunity - Practicing of standard safety measures, precautions/barrier nursing/reverse barrier/isolation skills	- Assessment of immune status - Teaching of isolation to patient and family care givers - Nutritional management - Care Note – 1	- Care note - Quiz - Health Teaching

VII. Nursing Management of Patients with disorders of Oncological conditions

A. Skill Lab

Use of manikins and simulators

- Application of topical medication
- Administration of chemotherapy

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Oncology wards (including day care radiotherapy unit)	3	Develop skill in providing care to patients with oncological disorders	- History taking & physical examination of cancer patients - Screening for common cancers: TNM classification - Preparation, assisting and after care patients undergoing diagnostic procedures - Biopsies/FNAC - Pap smear - Bone-marrow aspiration - Various modalities of treatment - Chemotherapy - Radiotherapy	- Assessment – 1 - Care study/ clinical presentation – 1 - Pre and post-operative care of patient with various modes of cancer treatment - Teaching on BSE to family members	- Clinical evaluation - Care study - Quiz - Drug book

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
			– Pain management – Stoma therapy – Hormonal therapy – Immuno therapy – Gene therapy – Alternative therapy • Stoma care and feeding • Caring of patients treated with nuclear medicine • Rehabilitation	• Visit to palliative care unit	

VIII. Nursing Management of Patients in emergency conditions

A. Skill Lab

Use of manikins and simulators

- Assessment: primary and secondary survey
- Trauma care: bandaging, wound care, splinting, positions

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Emergency room/ Emergency unit	2	Develop skill in providing care to patients with emergency health problems	• Practicing 'triage' • Primary and secondary survey in emergency • Examination, investigations & their interpretations, in emergency & disaster situations • Emergency care of medical and traumatic injury patients • Documentations, assisting in legal procedures in emergency unit • Managing crowd • Counseling the patient and family in dealing with grieving & bereavement	• Triage • Immediate care • Use of emergency trolley	• Clinical evaluation • Quiz

IX. Nursing Management of geriatric patients

A. Skill Lab

Use of manikins and simulators

- Use of assistive safety devices

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Geriatric ward	1	Develops skill in geriatric assessment and providing care to patients with geriatric illness	• History taking and assessment of Geriatric patient	• Geriatric assessment – 1 • Care of normal and geriatric patient with illness • Fall risk assessment – 1 • Functional status assessment – 1	• Clinical evaluation • Care plan

X. Nursing Management of Patients in critical care units

A. Skill Lab

Use of manikins and simulators

- Assessment critically ill
- ET tube set up –suction
- TT suction
- Ventilator set up
- Chest drainage
- Bag mask ventilation
- Central & Peripheral line
- Pacemaker

B. Clinical Postings

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Critical Care Unit	2	Develop skill in assessment of critically ill and providing care to patients with critical health conditions	• Assessment of critically ill patients • Assisting in arterial puncture, ET tube intubation & extubation • ABG analysis & interpretation - respiratory acidosis, respiratory alkalosis, metabolic acidosis, metabolic alkalosis • Setting up of Ventilator modes and settings and care of patient on a ventilator • Set up of trolley with instruments • Monitoring and maintenance of Chest drainage system • Bag and mask ventilation • Assisting and maintenance of Central and peripheral lines invasive • Setting up of infusion pump, defibrillator, • Drug administration-infusion, intracardiac, intrathecal, epidural, • Monitoring pacemaker • ICU care bundle • Management of the dying patient in the ICU	• Hemodynamic monitoring • Different scales used in ICU • Communicating with critically ill patients	• Clinical evaluation • OSCE • RASS scale assessment • Use of VAE bundle VAP, CAUTI, BSI • Case Presentation

PROFESSIONALISM, PROFESSIONAL VALUES & ETHICS INCLUDING BIOETHICS

PLACEMENT: IV SEMESTER

THEORY: 1 Credit (20 hours)

DESCRIPTION: This course is designed to help students to develop an understanding of professionalism and demonstrate professional behavior in their workplace with ethics and professional values. Further the students will be able to identify ethical issues in nursing practice and participate effectively in ethical decision making along with health team members.

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

1. Describe profession and professionalism.
2. Identify the challenges of professionalism.
3. Maintain respectful communication and relationship with other health team members, patients and society.
4. Demonstrate professional conduct.
5. Describe various regulatory bodies and professional organizations related to nursing.
6. Discuss the importance of professional values in patient care.
7. Explain the professional values and demonstrate appropriate professional values in nursing practice.
8. Demonstrate and reflect on the role and responsibilities in providing compassionate care in the healthcare setting.
9. Demonstrate respect, human dignity and privacy and confidentiality to self, patients and their caregivers and other health team members.
10. Advocate for patients' wellbeing, professional growth and advancing the profession.
11. Identify ethical and bioethical concerns, issues and dilemmas in nursing and healthcare.
12. Apply knowledge of ethics and bioethics in ethical decision making along with health team members.
13. Protect and respect patient's rights.

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
1	5 (T)	Discuss nursing as a profession Describe the concepts and attributes of professionalism Identify the challenges of professionalism Maintain respectful communication and relationship with	PROFESSIONALISM Profession • Definition of profession • Criteria of a profession • Nursing as a profession Professionalism • Definition and characteristics of professionalism • Concepts, attributes and indicators of professionalism • <i>Challenges of professionalism</i> ○ Personal identity vs professional identity ○ Preservation of self-integrity: threat to integrity, Deceiving patient: withholding information and falsifying records ○ Communication & Relationship with team members: Respectful and open communication and	• Lecture cum Discussion • Debate • Role play	• Short answer • Essay • Objective type

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		other health team members, patients and society Demonstrate professional conduct Respect and maintain professional boundaries between patients, colleagues and society Describe the roles and responsibilities of regulatory bodies and professional organizations	relationship pertaining to relevant interests for ethical decision making - Relationship with patients and society Professional Conduct - Following ethical principles - Adhering to policies, rules and regulation of the institutions - Professional etiquettes and behaviours - Professional grooming: Uniform, Dress code - Professional boundaries: Professional relationship with the patients, caregivers and team members Regulatory Bodies & Professional Organizations: Roles & Responsibilities <i>Regulatory bodies:</i> Indian Nursing Council, State Nursing Council <i>Professional Organizations:</i> Trained Nurses Association of India (TNAI), Student Nurses Association (SNA), Nurses League of Christian Medical Association of India, International Council of Nurses (ICN) and International Confederation of Midwives	- Case based discussion - Lecture cum Discussion - Visit to INC, SNC, TNAI	Visit reports
II	5 (T)	Discuss the importance of professional values Distinguish between personal values and professional values Demonstrate appropriate professional values in nursing practice	PROFESSIONAL VALUES - Values: Definition and characteristics of values - Value clarification - Personal and professional values - Professional socialization: Integration of professional values with personal values Professional values in nursing - Importance of professional values in nursing and health care - Caring: definition, and process - Compassion: Sympathy Vs empathy, Altruism - Conscientiousness - Dedication/devotion to work - Respect for the person- Human dignity - Privacy and confidentiality: Incidental disclosure - Honesty and integrity: Truth telling - Trust and credibility: Fidelity, Loyalty - Advocacy: Advocacy for patients, work environment, nursing education and practice, and for advancing the profession	- Lecture cum Discussion - Value clarification exercise - Interactive learning - Story telling - Sharing experiences - Scenario based discussion	- Short answer - Essay - Assessment of student's behavior with patients and families

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
III	10 (T)	Define ethics & bioethics Explain ethical principles Identify ethical concerns Ethical issues and dilemmas in health care Explain process of ethical decision making and apply knowledge of ethics and bioethics in making ethical decisions	ETHICS & BIOETHICS Definitions: Ethics, Bioethics and Ethical Principles • Beneficence • Non-maleficence: Patient safety, protecting patient from harm, Reporting errors • Justice: Treating each person as equal • Care without discrimination, equitable access to care and safety of the public • Autonomy: Respects patients' autonomy, Self-determination, Freedom of choice Ethical issues and ethical dilemma: Common ethical problems • Conflict of interest • Paternalism • Deception • Privacy and confidentiality • Valid consent and refusal • Allocation of scarce nursing resources • Conflicts concerning new technologies • Whistle-blowing • <i>Beginning of life issues</i> ◦ Abortion ◦ Substance abuse ◦ Fetal therapy ◦ Selective deduction ◦ Intrauterine treatment of fetal conditions ◦ Mandated contraception ◦ Fetal injury ◦ Infertility treatment • <i>End of life issues</i> ◦ End of life ◦ Euthanasia ◦ Do Not Resuscitate (DNR) • <i>Issues related to psychiatric care</i> ◦ Non compliance ◦ Restrain and seclusion ◦ Refuse to take food Process of ethical decision making • Assess the situation (collect information) • Identify the ethical problem • Identify the alternative decisions • Choose the solution to the ethical decision • Implement the decision • Evaluate the decision Ethics committee: Roles and responsibilities • Clinical decision making • Research	• Lecture cum discussion • Group discussion with examples • Flipping/ self-directed learning • Role play • Story telling • Sharing experiences • Case based Clinical discussion • Role modeling • Group exercise on ethical decision-making following steps on a given scenario • Assignment	• Short answer • Essay • Quiz • Reflective diary • Case report • Attitude test • Assessment of assignment

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		Explain code of ethics stipulated by ICN and INC Discuss the rights of the patients and families to make decisions about health care Protect and respect patients' rights	Code of Ethics • International Council of Nurses (ICN) • Indian Nursing Council Patients' Bill of Rights-17 patients' rights (MoH&FW, GoI) 1. Right to emergency medical care 2. Right to safety and quality care according to standards 3. Right to preserve dignity 4. Right to nondiscrimination 5. Right to privacy and confidentiality 6. Right to information 7. Right to records and reports 8. Right to informed consent 9. Right to second opinion 10. Right to patient education 11. Right to choose alternative treatment options if available 12. Right to choose source for obtaining medicines or tests 13. Right to proper referral and transfer, which is free from perverse commercial influences 14. Right to take discharge of patient or receive body of deceased from hospital 15. Right to information on the rates to be charged by the hospital for each type of service provided and facilities available on a prominent display board and a brochure 16. Right to protection for patients involved in clinical trials, biomedical and health research 17. Right to be heard and seek redressal		

CHILD HEALTH NURSING - I

PLACEMENT: V SEMESTER

THEORY: 3 Credits (60 hours)

PRACTICUM: Lab/Skill Lab: 1 Credit (40 hours) Clinical: 2 Credits (160 hours)

DESCRIPTION: This course is designed for developing an understanding of the modern approach to child-care, identification, prevention and nursing management of common health problems of neonates and children.

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

1. Develop understanding of the history and modern concepts of child health and child-care.
2. Explore the national child welfare services, national programs and legislation in the light of National Health Policy 2017.
3. Describe the role of preventive pediatrics and perform preventive measures towards accidents.
4. Participate in national immunization programs/Universal Immunization Program (UIP).
5. Identify the developmental needs of children and provide parental guidance.
6. Describe the principles of child health nursing and perform child health nursing procedures.
7. Demonstrate competencies in newborn assessment, planning and implementation of care to normal and high-risk newborn including neonatal resuscitation.
8. Apply the principles and strategies of Integrated management of neonatal and childhood illness (IMNCI).
9. Apply the knowledge of pathophysiology and provide nursing care to children with respiratory system disorders.
10. Identify and meet childhood emergencies and perform child CPR.

COURSE OUTLINE

T – Theory, L/SL – Lab/Skill Lab

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	10 (T) 10 (L)	Explain the modern concept of child-care Describe National policy, programs and legislation in relation to child health & welfare Describe role of preventive pediatrics	Introduction: Modern concepts of child-care • Historical development of child health • Philosophy and modern concept of child-care • Cultural and religious considerations in child-care • National policy and legislations in relation to child health and welfare • National programs and agencies related to welfare services to the children • Internationally accepted rights of the child • Changing trends in hospital care, preventive, promotive and curative aspect of child health • <i>Preventive pediatrics:</i> ○ Concept ○ Immunization ○ Immunization programs and cold chain. ○ Care of under-five and Under-five Clinics/Well-baby clinics	• Lecture • Discussion • Demonstration of common pediatric procedures	• Short answer • Objective type • Assessment of skills with checklist

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		List major causes of death during infancy, early & late childhood Differentiate between an adult and child in terms of illness and response Describe the major functions & role of the pediatric nurse in caring for a hospitalized child. Describe the principles of child health nursing and perform child health nursing procedures	○ Preventive measures towards accidents • Child morbidity and mortality rates • Difference between an adult and child which affect response to illness ○ Physiological ○ Psychological ○ Social ○ Immunological • Hospital environment for sick child • Impact of hospitalization on the child and family • Communication techniques for children • Grief and bereavement • The role of a child health nurse in caring for a hospitalized child • Principles of pre and postoperative care of infants and children. <i>Child Health Nursing procedures:</i> • Administration of medication: oral, I/M, & I/V • Calculation of fluid requirement • Application of restraints • Assessment of pain in children. ○ FACES pain rating scale ○ FLACC scale ○ Numerical scale		
II	12 (T)	Describe the normal growth and development of children at different ages Identify the needs of children at different ages & provide parental guidance Identify the nutritional needs of children at different ages & ways of meeting needs Identify the role of play for normal & sick children	The Healthy Child • Definition and principles of growth and development • Factors affecting growth and development • Growth and development from birth to adolescence • Growth and developmental theories (Freud, Erickson, Jean Piaget, Kohlberg) • The needs of normal children through the stages of developmental and parental guidance • Nutritional needs of children and infants - breast feeding - exclusive breast feeding - Supplementary/artificial feeding and weaning • Baby friendly hospital concept • Types and value of play and selection of play material	• Lecture • Discussion • Demonstration • Developmental study of infant and children • Observation study of normal & sick child • Field visit to Anganwadi, child guidance clinic • Videos on breast feeding • Clinical practice/field • Refer/consult MAA Mothers Absolute Affection Program for Breast Feeding module (National guidelines)	• Short answer • Objective type • Assessment of field visits and developmental study reports
III	15 (T) 20 (L)	Provide care to normal and high-risk neonates	Nursing care of neonate: • Appraisal of Newborn	• Modular based teaching: ENBC and FBNC	• OSCE • Short answer • Objective type

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		Perform neonatal resuscitation Recognize and manage common neonatal problems	• Nursing care of a normal newborn/essential newborn care • Neonatal resuscitation • Nursing management of low birth weight baby • Kangaroo mother care • Nursing management of common neonatal disorder - Hyperbilirubinemia - Hypothermia - Hyperthermia - Metabolic disorder - Neonatal infections - Neonatal seizures - Respiratory distress syndrome - Retinopathy of Prematurity • Organization of neonatal care unit • Neonatal equipment	module (oral drills, videos, self-evaluation exercises) • Workshop on neonatal resuscitation: NRP module • Demonstration • Practice Session • Clinical practice • Lecture Discussion	
IV	10 (T) 5 (L)	Apply principles and strategies of IMNCI	Integrated management of neonatal and childhood illnesses	<i>Modular based teaching:</i> IMNCI module • Clinical practice/field	• OSCE
V	8 (T)	Describe the etiology, pathophysiology, clinical manifestation and nursing management of children with disorders of respiratory, and endocrine system	Nursing management in common childhood diseases Respiratory system: • Identification and Nursing management of congenital malformations • Congenital disorders: Tracheoesophageal fistula, Diaphragmatic hernia • Others: Acute naso-pharyngitis, Tonsillitis, Croup, Bronchitis, Bronchiolitis, Pneumonia, Asthma Endocrine system: • Juvenile Diabetes mellitus, Hypothyroidism	• Lecture Discussion • Demonstration • Practice session • Clinical practice	• Short answer • Objective type • Assessment of skills with checklist
VI	5 (T) 5 (L)	Develop ability to meet child- hood emergencies and perform child CPR	Childhood emergencies • Accidents – causes and prevention, Poisoning, Foreign bodies, Hemorrhage, Burns and Drowning • PLS (AHA Guidelines)	• Lecture • Discussion • Demonstration • PLS Module/ Workshop	• OSCE

CHILD HEALTH NURSING - I & II CLINICAL (3 Credits – 240 hours)

PLACEMENT: V & VI SEMESTER

PRACTICUM: Skill Lab: 1 Credit (40 hours)

Clinical: V SEMESTER – 2 Credits (160 hours)

VI SEMESTER – 1 Credit (80 hours)

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

1. Perform assessment of children: health, developmental & anthropometric.
2. Provide nursing care to children with various medical disorders.

3. Provide pre & postoperative care to children with common pediatric surgical conditions/ malformation.
4. Perform immunization as per NIS.
5. Provide nursing care to critically ill children.
6. Give health education/nutritional education to parents.
7. Counsel parents according to identified counseling needs.

Skill Lab

Use of Manikins and Simulators

PLS, CPAP, Endotracheal Suction

Pediatric Nursing Procedures:

- Administration of medication – Oral, IM & IV
- Oxygen administration
- Application of restraints
- Specimen collection
- Urinary catheterization and drainage
- Ostomy care
- Feeding – NG, gastrostomy, Jejunostomy
- Wound dressing
- Suture removal

CLINICAL POSTINGS

8 weeks × 30 hours per week (5 weeks + 3 weeks)

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Pediatric Medical Ward	V Sem – 2 weeks VI Sem – 1 week	• Provide nursing care to children with various medical disorders	• Taking pediatric history • Physical examination & assessment of children • Administration of oral, I/M, & I/V medicine/fluids • Calculation of fluid replacement • Preparation of different strengths of I/V fluids • Application of restraints • Administration of O₂ inhalation by different methods • Baby bath/sponge bath • Feeding children by Katori spoon, Paladai cup • Collection of specimens for common investigations • Assisting with common diagnostic procedures • Teaching mothers/ parents ○ Malnutrition ○ Oral rehydration therapy ○ Feeding & Weaning ○ Immunization schedule • Play therapy	• Nursing care plan – 1 • Case study presentation – 1 • Health talk – 1	• Assess performance with rating scale • Assess each skill with checklist OSCE/OSPE • Evaluation of case study/ presentation & health education session • Completion of activity record
Pediatric Surgical Ward	V Sem – 2 weeks	• Recognize different	• Calculation, preparation & administration of I/V fluids	• Nursing care plan – 1	• Assess performance

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
	VI Sem – 1 week	- pediatric surgical conditions/ malformations • Provide pre & post-operative care to children with common paediatric surgical conditions/ malformation • Counsel & educate parents	• Bowel wash, insertion of suppositories • Care for ostomies: ○ Colostomy Irrigation ○ Ureterostomy ○ Gastrostomy ○ Enterostomy • Urinary catheterization & drainage • Feeding ○ Naso-gastric ○ Gastrostomy ○ Jejunostomy • Care of surgical wounds ○ Dressing ○ Suture removal	• Case study/ presentation – 1	- with rating scale • Assess each skill with checklist OSCE/OSPE • Evaluation of case study/ presentation • Completion of activity record
Pediatric OPD/ Immunization room	V Sem – 1 week	• Perform assessment of children: health, developmental & anthropometric • Perform immunization • Give health education/ nutritional education	• Assessment of children ○ Health assessment ○ Developmental assessment ○ Anthropometric assessment ○ Nutritional assessment • Immunization • Health/Nutritional education	• Growth and developmental study: - Infant – 1 - Toddler – 1 - Preschooler – 1 - Schooler – 1 - Adolescent – 1	• Assess performance with rating scale • Completion of activity record.
NICU & PICU	VI Sem – 1 week	• Provide nursing care to critically ill children	• Care of a baby in incubator/warmer • Care of a child on ventilator, CPAP • Endotracheal Suction • Chest Physiotherapy • Administration of fluids with infusion pumps • Total Parenteral Nutrition • Phototherapy • Monitoring of babies • Recording & reporting • Cardiopulmonary Resuscitation (PLS)	• Newborn assessment – 1 • Nursing Care Plan – 1	• Assess performance with rating scale • Evaluation of observation report • Completion of activity record

MENTAL HEALTH NURSING - I

PLACEMENT: V SEMESTER

THEORY: 3 Credits (60 hours)

PRACTICUM: Clinical: 1 Credit (80 hours)

DESCRIPTION: This course is designed to develop basic understanding of the principles and standards of mental health nursing and skill in application of nursing process in assessment and care of patients with mental health disorders.

COMPETENCIES: On completion of the course, the students will be competent to

1. Trace the historical development of mental health nursing and discuss its scope.
2. Identify the classification of the mental disorders.
3. Develop basic understanding of the principles and concepts of mental health nursing.
4. Apply the Indian Nursing Council practice standards for psychiatric mental health nursing in supervised clinical settings.
5. Conduct mental health assessment.
6. Identify and maintain therapeutic communication and nurse patient relationship.
7. Demonstrate knowledge of the various treatment modalities and therapies used in mental disorders.
8. Apply nursing process in delivering care to patients with mental disorders.
9. Provide nursing care to patients with schizophrenia and other psychotic disorders based on assessment findings and treatment/therapies used.
10. Provide nursing care to patients with mood disorders based on assessment findings and treatment/therapies used.
11. Provide nursing care to patients with neurotic disorders based on assessment findings and treatment/ therapies used.

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
I	6 (T)	Describe the historical development & current trends in mental health nursing Discuss the scope of mental health nursing Describe the concept of normal & abnormal behaviour	Introduction • Perspectives of Mental Health and Mental Health Nursing, evolution of mental health services, treatments and nursing practices • Mental health team • Nature & scope of mental health nursing • Role & functions of mental health nurse in various settings and factors affecting the level of nursing practice • Concepts of normal and abnormal behaviour	• Lecture cum Discussion	• Essay • Short answer
II	10 (T)	Define the various terms used in mental health Nursing Explain the classification of mental disorders	Principles and Concepts of Mental Health Nursing • Definition: mental health nursing and terminology used • Classification of mental disorders: ICD11, DSM5, Geropsychiatry manual classification	• Lecture cum Discussion • Explain using Charts • Review of personality development	• Essay • Short answer

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		Explain the psychodynamics of maladaptive behaviour Discuss the etiological factors & psychopathology of mental disorders Explain the principles and standards of Mental health Nursing Describe the conceptual models of mental health nursing	- Review of personality development, defense mechanisms - Etiology bio-psycho-social factors - Psychopathology of mental disorders: review of structure and function of brain, limbic system and abnormal neurotransmission - Principles of Mental health Nursing - Ethics and responsibilities - Practice Standards for Psychiatric Mental Health Nursing (INC practice standards) - Conceptual models and the role of nurse: - Existential model - Psychoanalytical models - Behavioural model - Interpersonal model - Preventive psychiatry and rehabilitation		
III	6 (T)	Describe nature, purpose and process of assessment of mental health status	Mental Health Assessment - History taking - Mental status examination - Mini mental status examination - Neurological examination - Investigations: Related Blood chemistry, EEG, CT & MRI - Psychological tests	- Lecture cum Discussion - Demonstration - Practice session - Clinical practice	- Essay - Short answer - Assessment of mental health status
IV	6 (T)	Identify therapeutic communication & techniques Describe therapeutic relationship Describe therapeutic impasses and its interventions	Therapeutic Communication and Nurse-Patient Relationship - Therapeutic communication: Types, techniques, characteristics and barriers - Therapeutic nurse-patient relationship - Interpersonal relationship- - Elements of nurse patient contract, - Review of technique of IPR- Johari window - Therapeutic impasse and its management	- Lecture cum Discussion - Demonstration - Role Play - Process recording - Simulation (video)	- Essay - Short answer - OSCE
V	10 (T)	Explain treatment modalities and therapies used in mental disorders and role of the nurse	Treatment modalities and therapies used in mental disorders Physical therapies: Psychopharmacology, - Electro Convulsive therapy Psychological Therapies: Psychotherapy, Behaviour therapy, CBT Psychosocial: Group therapy, Family therapy, Therapeutic Community, Recreational therapy, Art therapy (Dance, Music etc), Occupational therapy Alternative & Complementary: Yoga, Meditation, Relaxation Consideration for special populations	- Lecture cum Discussion - Demonstration - Group work - Practice session - Clinical practice	- Essay - Short answer - Objective type

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
VI	8 (T)	Describe the etiology, psychodynamics/ pathology, clinical manifestations, diagnostic criteria and management of patients with Schizophrenia, and other psychotic disorders	Nursing management of patient with Schizophrenia, and other psychotic disorders • Prevalence and incidence • Classification • Etiology, psychodynamics, clinical manifestation, diagnostic criteria/formulations Nursing process • Nursing Assessment: History, Physical and mental assessment • Treatment modalities and nursing management of patients with Schizophrenia and other psychotic disorders • Geriatric considerations and considerations for special populations • Follow up and home care and rehabilitation	• Lecture and Discussion • Case discussion • Case presentation • Clinical practice	• Essay • Short answer • Assessment of patient management problems
VII	6 (T)	Describe the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with mood disorders	Nursing management of patient with mood disorders • Prevalence and incidence • Mood disorders: Bipolar affective disorder, mania depression and dysthymia etc. • Etiology, psychodynamics, clinical manifestation, diagnosis • Nursing Assessment History, Physical and mental assessment • Treatment modalities and nursing management of patients with mood disorders • Geriatric considerations/ considerations for special populations • Follow-up and home care and rehabilitation	• Lecture and Discussion • Case discussion • Case presentation • Clinical practice	• Essay • Short answer • Assessment of patient management problems
VIII	8 (T)	Describe the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with neurotic, stress related and somatization disorders	Nursing management of patient with neurotic, stress related and somatisation disorders • Prevalence and incidence • classifications • Anxiety disorders – OCD, PTSD, Somatoform disorders, Phobias, Disassociative and Conversion disorders • Etiology, psychodynamics, clinical manifestation, diagnostic criteria/formulations • Nursing Assessment: History, Physical and mental assessment • Treatment modalities and nursing management of patients with neurotic and stress related disorders • Geriatric considerations/ considerations for special populations • Follow-up and home care and rehabilitation	• Lecture and Discussion • Case discussion • Case presentation • Clinical practice	• Essay • Short answer • Assessment of patient management problems

CLINICAL PRACTICUM

MENTAL HEALTH NURSING - I & II

PLACEMENT: SEMESTER V & VI

MENTAL HEALTH NURSING - I – 1 Credit (80 hours)

MENTAL HEALTH NURSING - II – 2 Credits (160 hours)

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

1. Assess patients with mental health problems/disorders
2. Observe and assist in various treatment modalities or therapies
3. Counsel and educate patients and families
4. Perform individual and group psychoeducation
5. Provide nursing care to patients with mental health problems/disorders
6. Motivate patients in the community for early treatment and follow up
7. Observe the assessment and care of patients with substance abuse disorders in deaddiction centre.

CLINICAL POSTINGS

(8 weeks × 30 hours per week = 240 hours)

Clinical Area/Unit	Duration (Weeks)	Learning Outcomes	Skills/Procedural Competencies	Clinical Requirements	Assessments Methods
Psychiatric OPD	2	- Assess patients with mental health problems - Observe and assist in therapies - Counsel and educate patients, and families	- History taking - Perform mental status examination (MSE) - Observe/practice Psychometric assessment - Perform Neurological examination - Observing and assisting in therapies - Individual and group psycho-education - Mental hygiene practice education - Family psycho-education	- History taking and Mental status examination – 2 - Health education – 1 - Observation report of OPD	- Assess performance with rating scale - Assess each skill with checklist - Evaluation of health education - Assessment of observation report - Completion of activity record
Child Guidance clinic	1	- Assess children with various mental health problems - Counsel and educate children, families and significant others	- History & mental status examination - Observe/practice psychometric assessment - Observe and assist in various therapies - Parental teaching for child with mental deficiency	- Case work – 1 - Observation report of different therapies – 1	- Assess performance with rating scale - Assess each skill with checklist - Evaluation of the observation report
Inpatient ward	4	- Assess patients with mental health problems - Provide nursing care for patients with various mental health problems	- History taking - Mental status examination (MSE) - Neurological examination - Assisting in psychometric assessment - Recording therapeutic communication	- Give care to 2-3 patients with various mental disorders - Case study – 1 - Care plan - Clinical presentation – 1	- Assess performance with rating scale - Assess each skill with checklist

Clinical Area/Unit	Duration (Weeks)	Learning Outcomes	Skills/Procedural Competencies	Clinical Requirements	Assessments Methods
		• Assist in various therapies • Counsel and educate patients, families and significant others	• Administration of medications • Assist Electro-Convulsive Therapy (ECT) • Participating in all therapies • Preparing patients for Activities of Daily Living (ADL) • Conducting admission and discharge counselling • Counseling and teaching patients and families	• Process recording – 2 • Maintain drug book	• Evaluation of the case study, care plan, clinical presentation, process recording • Completion of activity record
Community psychiatry & Deaddiction centre	1	• Identify patients with various mental disorders • Motivate patients for early treatment and follow up • Assist in follow up clinic • Counsel and educate patient, family and community • Observe the assessment and care of patients at deaddiction centre	• Conduct home visit and case work • Identifying individuals with mental health problems • Assisting in organizations of Mental Health camp • Conducting awareness meetings for mental health & mental illness • Counseling and Teaching family members, patients and community • Observing deaddiction care	• Case work – 1 • Observation report on field visits • Visit to deaddiction centre	• Assess performance with rating scale • Evaluation of case work and observation report • Completion of activity record

COMMUNITY HEALTH NURSING - I **including Environmental Science & Epidemiology**

PLACEMENT: V SEMESTER

THEORY: 5 Credits (100 hours) includes Lab hours also

PRACTICUM: Clinical: 2 Credits (160 hours)

DESCRIPTION: This course is designed to help students develop broad perspectives of health, its determinants, about community health nursing and understanding about the health care delivery services, health care policies and regulations in India. It helps the students to develop knowledge and understanding of environmental science. It further helps them to apply the principles and concepts of BCC and health education for health promotion and maintenance of health within the community in wellness and illness continuum. It helps students to practice Community Health Nursing for the individuals, family and groups at rural, urban and tribal settings by applying principles of community health nursing and epidemiological approach. It also helps the students to develop knowledge and competencies required to screen, assess, diagnose, manage and refer clients appropriately in various health care settings. It prepares the students to provide primary healthcare to clients of all ages in the community, DH, PHC, CHC, SC/HWC and develop beginning skills in participating in all the National Health Programs.

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

1. Explore the evolution of public health in India and community health nursing
2. Explain the concepts and determinants of health
3. Identify the levels of prevention and health problems of India
4. Develop basic understanding about the health care planning and the present health care delivery system in India at various levels
5. Locate the significance of primary health care and comprehensive primary health care as part of current health care delivery system focus
6. Discuss health care policies and regulations in India
7. Demonstrate understanding about an overview of environmental science, environmental health and sanitation
8. Demonstrate skill in nutritional assessment for different age groups in the community and provide appropriate nutritional counseling
9. Provide health education to individuals and families applying the principles and techniques of behavior change appropriate to community settings
10. Describe community health nursing approaches and concepts
11. Describe the role and responsibilities of community health nursing personnel
12. Utilize the knowledge and skills in providing comprehensive primary health care across the life span at various settings
13. Make effective home visits applying principles and methods used for home visiting
14. Use epidemiological approach in community diagnosis
15. Utilize the knowledge of epidemiology, epidemiological approaches in caring for people with communicable and non-communicable diseases
16. Investigate an epidemic of communicable diseases
17. Assess, diagnose, manage and refer clients for various communicable and non-communicable diseases appropriately at the primary health care level
18. Identify and perform the roles and responsibilities of nurses in implementing various national health programs in the community for the prevention, control and management of communicable and non-communicable diseases particularly in screening, identification, primary management and referral to a health facility/First Referral Unit (FRU)

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
I	4 (T)	Define public health, community health and community health nursing Explain the evolution of public health in India and scope of community health nursing Explain various concepts of health and disease, dimensions and determinants of health Explain the natural history of disease and levels of prevention Discuss the health problems of India	Concepts of Community Health and Community Health Nursing • Definition of public health, community health and community health nursing • Public health in India and its evolution and Scope of community health nursing • <i>Review:</i> Concepts of Health & Illness/ disease: Definition, dimensions and determinants of health and disease • Natural history of disease • Levels of prevention: Primary, Secondary & tertiary prevention –Review • Health problems (Profile) of India	• Lecture • Discussion • Explain using chart, graphs • Community needs assessment (Field survey on identification of demographic characteristics, health determinants and resources of a rural and an urban community) • Explain using examples	• Short answer • Essay • Objective type • Survey report
II	8 (T)	Describe health planning and its steps, and various health plans, and committees Discuss health care delivery system in India at various levels Describe SDGs, primary health care and comprehensive primary health care (CPHC) Explain health care policies and regulations in India	Health Care Planning and Organization of Health Care at various levels • Health planning steps • Health planning in India: various committees and commissions on health and family welfare and Five Year plans • Participation of community and stakeholders in health planning • Health care delivery system in India: Infrastructure and Health sectors, Delivery of health services at sub-centre (SC), PHC, CHC, District level, state level and national level • Sustainable development goals (SDGs), Primary Health Care and Comprehensive Primary Health Care (CPHC): elements, principles • CPHC through SC/Health Wellness Center (HWC) • Role of MLHP/CHP • National Health Care Policies and Regulations ○ National Health Policy (1983, 2002, 2017) ○ National Health Mission (NHM): National Rural Health Mission (NRHM), National Urban Health Mission (NUHM), NHM ○ National Health Protection Mission (NHPM)	• Lecture • Discussion • Field visits to CHC, PHC, SC/ Health Wellness Centers (HWC) • Directed reading	• Short answer • Essay • Evaluation of Field visit reports & presentation

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			- o Ayushman Bharat - o Universal Health Coverage		
III	15 (T)	Identify the role of an individual in the conservation of natural resources Describe ecosystem, its structure, types and functions Explain the classification, value and threats to biodiversity Enumerate the causes, effects and control measures of environmental pollution Discuss about climate change, global warming, acid rain, and ozone layer depletion Enumerate the role of an individual in creating awareness about the social issues related to environment List the Acts related to environmental protection and preservation Describe the concept of environmental health and sanitation	Environmental Science, Environmental Health, and Sanitation • <i>Natural resources:</i> Renewable and non-renewable resources, natural resources and associated problems: Forest resources, water resources, mineral resources, food resources, energy resources and land resources • Role of individuals in conservation of natural resources, and equitable use of resources for sustainable lifestyles • <i>Ecosystem:</i> Concept, structure and functions of ecosystems, Types & Characteristics – Forest ecosystem, Grassland ecosystem, Desert ecosystem, Aquatic ecosystem, Energy flow in ecosystem • <i>Biodiversity:</i> Classification, value of bio-diversity, threats to biodiversity, conservation of biodiversity • <i>Environmental pollution:</i> Introduction, causes, effects and control measures of Air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, nuclear hazards & their impact on health • <i>Climate change, global warming:</i> ex. heat wave, acid rain, ozone layer depletion, waste land reclamation & its impact on health • <i>Social issues and environment:</i> sustainable development, urban problems related to energy, water and environmental ethics • Acts related to environmental protection and preservation Environmental Health & Sanitation • Concept of environment health and sanitation • Concept of safe water, sources of water, waterborne diseases, water purification processes, household purification of water • Physical and chemical standards of drinking water quality and	• Lecture • Discussion • Debates on environmental protection and preservation • Explain using Charts, graphs, Models, films, slides • Directed reading • Visits to water supply & purification sites • Observe rain water harvesting plants	• Short answer • Essay • Field visit reports

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		Counsel and provide health education to individuals, families and community for promotion of healthy life style practices using appropriate methods and media	- communication - Human behaviour - Health belief model: concepts & definition, ways to influence behaviour - Steps of behaviour change - Techniques of behaviour change: Guiding principles in planning BCC activity - Steps of BCC - Social and Behaviour Change Communication strategies (SBCC): techniques to collect social history from clients - Barriers to effective communication, and methods to overcome them - Health promotion and Health education: methods/techniques, and audio-visual aids	- Demonstration: BCC skills - Supervised field practice - Refer: BCC/SBCC module (MoHFW & USAID)	Performance evaluation of health education sessions to individuals and families
VI	7 (T)	Describe community health nursing approaches and concepts Describe and identify the activities of community health nurse to promote and maintain family health through home visits	Community health nursing approaches, concepts, roles and responsibilities of community health nursing personnel <i>Approaches:</i> - Nursing process - Epidemiological approach - Problem solving approach - Evidence based approach - Empowering people to care for themselves <i>Review:</i> Primary health care and Comprehensive Primary Health Care (CPHC) Home Visits: - Concept, Principles, Process, & Techniques: Bag technique - Qualities of Community Health Nurse - Roles and responsibilities of community health nursing personnel in family health services <i>Review:</i> Principles & techniques of counseling	- Lecture - Discussion - Demonstration - Role plays - Supervised field practice	- Short answer - Essays - Assessment of supervised field practice
VII	10 (T)	Explain the specific activities of community health nurse in assisting individuals and groups to promote and maintain their health	Assisting individuals and families to promote and maintain their health <i>A. Assessment of individuals and families (Review from Child health nursing, Medical surgical nursing and OBG Nursing)</i> - Assessment of children, women, adolescents, elderly etc. - Children: Monitoring growth and development, milestones	- Lecture - Discussion - Demonstration - Role plays	- Short answer - Essay - Assessment of clinical performance in the field practice area

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		Provide primary care at home/ health centers (HWC) using standing orders/ protocols as per public health standards/approved by MoH&FW and INC regulation	• Anthropometric measurements, BMI • Social development • Temperature and Blood pressure monitoring • Menstrual cycle • Breast self-examination (BSE) and testicles self-examination (TSE) • Warning Signs of various diseases • Tests: Urine for sugar and albumin, blood sugar, Hemoglobin <i>B. Provision of health services/primary health care:</i> • Routine check-up, Immunization, counseling, and diagnosis • Management of common diseases at home and health centre level ○ Care based on standing orders/protocols approved by MoH&FW ○ Drugs dispensing and injections at health centre <i>C. Continue medical care and follow up in community for various diseases/disabilities</i> <i>D. Carry out therapeutic procedures as prescribed/required for client and family</i>		• Assessment of procedural skills in lab procedures
		Develop skill in maintenance of records and reports	<i>E. Maintenance of health records and reports</i> • Maintenance of client records • Maintenance of health records at the facility level • Report writing and documentation of activities carried out during home visits, in the clinics/centers and field visits	• Document and maintain: • Individual records • Family records • Health center records	• Evaluation of records and reports
		Develop beginning skills in handling social issues affecting the health and development of the family	<i>F. Sensitize and handle social issues affecting health and development of the family</i> • Women empowerment • Women and child abuse • Abuse of elders • Female foeticide • Commercial sex workers • Substance abuse		
		Identify and assist the families to utilize the community resources appropriately	<i>G. Utilize community resources for client and family</i> • Trauma services • Old age homes • Orphanages	• Field visits	• Evaluation of field visit reports

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			- Homes for physically challenged individuals - Homes for destitute - Palliative care centres - Hospice care centres - Assisted living facility		
VIII	10 (T)	Describe the concepts, approaches and methods of epidemiology Investigate an epidemic of communicable disease	Introduction to Epidemiology – Epidemiological Approaches and Processes - Epidemiology: Concept and Definition - Distribution and frequency of disease - Aims & uses of epidemiology - Epidemiological models of causation of disease - Concepts of disease transmission - Modes of transmission: Direct, Indirect and chain of infection - Time trends or fluctuations in disease occurrence - Epidemiological approaches: Descriptive, analytical and experimental - Principles of control measures/levels of prevention of disease - Investigation of an epidemic of communicable disease - Use of basic epidemiological tools to make community diagnosis for effective planning and intervention	- Lecture - Discussion - Demonstration - Role play - Field visits: communicable disease hospital & Entomology office - Investigation of an epidemic of communicable disease	- Short answer - Essay - Report on visit to communicable disease hospital - Report on visit to entomology office - Report and presentation on investigating an epidemic of communicable disease
IX	15 (T)	Explain the epidemiology of specific communicable diseases Describe the various methods of prevention, control and management of communicable diseases and the role of nurses in screening, diagnosing, primary management and referral to a health facility	Communicable Diseases and National Health Programs 1. <i>Communicable Diseases – Vector borne diseases (Every disease will be dealt under the following headlines)</i> - Epidemiology of the following vector borne diseases - Prevention & control measures - Screening, and diagnosing the following conditions, primary management, referral and follow up - Malaria - Filaria - Kala-azar - Japanese encephalitis - Dengue - Chikungunya 2. <i>Communicable diseases: Infectious diseases (Every disease will be dealt under the following headlines)</i>	- Lecture - Discussion, - Demonstration - Role play - Suggested field visits - Field practice - Assessment of clients with communicable diseases	- Field visit reports - Assessment of family case study - OSCE assessment - Short answer - Essay

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		Identify the national health programs relevant to communicable diseases and explain the role of nurses in implementation of these programs	• Epidemiology of the following infectious diseases • Prevention & Control measures • Screening, diagnosing the following conditions, primary management, referral and follow up ○ Leprosy ○ Tuberculosis ○ Vaccine preventable diseases – Diphtheria, whooping cough, tetanus, poliomyelitis and measles ○ Enteric fever ○ Viral hepatitis ○ HIV/AIDS/RTI infections ○ HIV/AIDS, and Sexually Transmitted Diseases/ Reproductive tract infections (STIs/RTIs) ○ Diarrhoea ○ Respiratory tract infections ○ COVID-19 ○ Helminthic – soil & food transmitted and parasitic infections – Scabies and pediculosis 3. <i>Communicable diseases: Zoonotic diseases</i> • Epidemiology of Zoonotic diseases • Prevention & control measures • Screening and diagnosing the following conditions, primary management, referral and follow up ○ Rabies: Identify, suspect, primary management and referral to a health facility • Role of a nurses in control of communicable diseases National Health Programs 1. UIP: Universal Immunization Program (Diphtheria, Whooping cough, Tetanus, Poliomyelitis, Measles and Hepatitis B) 2. National Leprosy Eradication Program (NLEP) 3. Revised National Tuberculosis Control Program (RNTCP) 4. Integrated Disease Surveillance Program (IDSP): Enteric fever, Diarrhea, Respiratory infections and Scabies 5. National Aids Control Organization (NACO) 6. National Vector Borne Disease Control Program		

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			7. National Air Quality Monitoring Program 8. Any other newly added program		
X	15 (T)	Describe the national health program for the control of non-communicable diseases and the role of nurses in screening, identification, primary management and referral to a health facility	Non-Communicable Diseases and National Health Program (NCD) • National response to NCDs (Every disease will be dealt under the following headlines) • Epidemiology of specific diseases • Prevention and control measures • Screening, diagnosing/identification and primary management, referral and follow up care NCD-1 ○ Diabetes Mellitus ○ Hypertension ○ Cardiovascular diseases ○ Stroke & Obesity ○ Blindness: Categories of visual impairment and national program for control of blindness ○ Deafness: national program for prevention and control of deafness ○ Thyroid diseases ○ Injury and accidents: Risk factors for Road traffic injuries and operational guidelines for trauma care facility on highways NCD-2 Cancers ○ Cervical Cancer ○ Breast Cancer ○ Oral cancer ○ Epidemiology of specific cancers, Risk factors/ Causes, Prevention, Screening, diagnosis – signs, Signs & symptoms, and early management & referral ○ Palliative care ○ Role of a nurse in non-communicable disease control program National Health Programs • National program for prevention and control of cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS) • National program for control of blindness • National program for prevention and control of deafness	• Lecture • Discussion • Demonstration • Role play • Suggested field visits • Field practice • Assessment of clients with non-communicable diseases • Participation in national health programs	• Field visit reports • Assessment of family case study • OSCE assessment • Short answer • Essay

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			- National tobacco control program - Standard treatment protocols used in National Health Programs		
XI	3 (T)	Enumerate the school health activities and the role functions of a school health nurse	School Health Services - Objectives - Health problems of school children - Components of school health services - Maintenance of school health records - Initiation and planning of school health services - Role of a school health nurse	- Lecture - Discussion - Demonstration - Role play - Suggested field visits - Field practice	- Short answer - Essay - Evaluation of health counseling to school children - Screen, diagnose, manage and refer school children - OSCE assessment

Note: Lab hours less than 1 Credit is not specified separately.

CLINICAL PRACTICUM

CLINICAL: 2 Credits (160 hours)

CLINICAL POSTINGS: (4 weeks × 40 hours per week)

Clinical Area/Unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Urban	2 weeks	Build and maintain rapport	Interviewing skills using communication and interpersonal relationship	Community needs assessment/ Survey – Rural/urban – 1	Evaluation of survey report
Rural	2 Weeks	Identify the socio-demographic characteristics, health determinants and resources of a rural and an urban community	Conducting community needs assessment/survey to identify health determinants of a community	Field visits: - SC/HWC, PHC, CHC - Water resources & purification site – water quality standards - Rain water harvesting - Sewage disposal	Evaluation of field visit and observation reports
		Observe the functioning and document significant observations	Observation skills	Observation of - milk diary - slaughterhouse – meat hygiene - Observation of nutrition programs - Visit to market	
		Perform nutritional assessment and plan diet plan for adult	Nutritional assessment skills	Nutritional assessment of an individual (adult) – 1	Health talk evaluation
		Educate individuals/ family/community on - Nutrition	Skill in teaching individual/family on:	Health teaching (Adult) – 1	

Clinical Area/Unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
		- Hygiene - Food hygiene - Healthy lifestyle - Health promotion	- o Nutrition, including food hygiene and safety - o Healthy lifestyle - o Health promotion	• Use of audio-visual aids - o Flash cards - o Posters - o Flannel graph - o Flip charts	• Assessment of clinical performance
		Perform health assessment for clients of various age groups	• Health assessment including nutritional assessment for clients of different age groups	• Health assessment of woman – 1, infant/under five – 1, adolescent – 1, adult – 1	
		Maintain records and reports	• Documentation skills	• Growth monitoring of under-five children – 1 Document and maintain: • Individual record • Family record • Health center record	• Evaluations of reports & records
		Investigate epidemic of communicable disease	• Investigating an epidemic – Community health survey	• Community health survey to investigate an epidemic – 1	
		Identify prevalent communicable and non-communicable diseases	• Screening, diagnosing, primary management of common health problems in the community and referral of high-risk clients to FRUs	Screening, diagnosing and primary management and referral: • Communicable disease – 1 • Non-communicable diseases – 1 • Home visits – 2	• Clinical performance assessment • OSCE • Final clinical examination • Evaluation of home visit
		Screen, diagnose, manage and refer clients with common health problems in the community and refer high risk clients using standing orders/protocols	• Conduct home visit		
		Participate in implementation of national health programs	• Participation in implementation of national health programs	• Participation in any two national health programs	
		Participate in school health program	• Participation in school health program	• Participation in school health program – 1	

EDUCATIONAL TECHNOLOGY/NURSING EDUCATION

PLACEMENT: V SEMESTER

THEORY: 2 Credits (40 hours)

PRACTICUM: Lab/Practical: 1 Credit (40 hours)

DESCRIPTION: This course is designed to help the students to develop knowledge, attitude and beginning competencies essential for applying basic principles of teaching and learning among individuals and groups both in educational and clinical settings. It also introduces basics of curriculum planning and organization. It further enables students to participate actively in team and collaborative learning.

COMPETENCIES: On completion of the course, the students will be competent to

1. Develop basic understanding of theoretical foundations and principles of teaching and learning
2. Identify the latest approaches to education and learning
3. Initiate self- assessment to identify one's own learning styles
4. Demonstrate understanding of various teaching styles that can be used, based on the learners' readiness and generational needs
5. Develop understanding of basics of curriculum planning, and organizing
6. Analyze and use different teaching methods effectively that are relevant to student population and settings
7. Make appropriate decisions in selection of teaching learning activities integrating basic principles
8. Utilize active learning strategies that enhance critical thinking, team learning and collaboration
9. Engage in team learning and collaboration through inter professional education
10. Integrate the principles of teaching and learning in selection and use of educational media/technology
11. Apply the principles of assessment in selection and use of assessment and evaluation strategies
12. Construct simple assessment tools/tests integrating cognitive, psychomotor and affective domains of learning that can measure knowledge and competence of students
13. Develop basic understanding of student guidance through mentoring and academic advising
14. Identify difficult situations, crisis and disciplinary/grievance issues experienced by students and provide appropriate counseling
15. Engage in ethical practice in educational as well as clinical settings based on values, principles and ethical standards
16. Develop basic understanding of evidence-based teaching practices

COURSE OUTLINE

T – Theory, P – Practical (Laboratory)

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
I	6	3	Explain the definition, aims, types, approaches and scope of educational technology	Introduction and Theoretical Foundations: <i>Education and educational technology</i> • Definition, aims • Approaches and scope of educational technology • Latest approaches to education: ○ Transformational education ○ Relationship based education ○ Competency based education	• Lecture cum discussion	• Quiz

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
			Compare and contrast the various educational philosophies Explain the teaching learning process, nature, characteristics and principles	<i>Educational philosophy:</i> • Definition of philosophy, education and philosophy • Comparison of educational philosophies • Philosophy of nursing education <i>Teaching learning process:</i> • Definitions • Teaching learning as a process • Nature and characteristics of teaching and learning • Principles of teaching and learning • Barriers to teaching and learning • Learning theories • Latest approaches to learning ○ Experiential learning ○ Reflective learning ○ Scenario based learning ○ Simulation based learning ○ Blended learning	Group exercise: • Create/discuss scenario-based exercise	Assessment of Assignment: • Learning theories – analysis of any one
II	6	6	Identify essential qualities/attributes of a teacher Describe the teaching styles of faculty Explain the determinants of learning and initiates self-assessment to identify own learning style Identify the factors that motivate the learner Define curriculum and classify types Identify the factors influencing curriculum development Develop skill in writing learning outcomes, and lesson plan	Assessment and Planning <i>Assessment of teacher</i> • Essential qualities of a teacher • Teaching styles – Formal authority, demonstrator, facilitator, delegator <i>Assessment of learner</i> • Types of learners • Determinants of learning – learning needs, readiness to learn, learning styles • Today's generation of learners and their skills and attributes • Emotional intelligence of the learner • Motivational factors – personal factors, environmental factors and support system Curriculum Planning • Curriculum – definition, types • Curriculum design – components, approaches • Curriculum development – factors influencing curriculum development, facilitators and barriers • Writing learning outcomes/behavioral objectives • Basic principles of writing course plan, unit plan and lesson plan	• Lecture cum discussion Self-assessment exercise: • Identify your learning style using any learning style inventory (ex. Kolb's learning style inventory) • Lecture cum discussion Individual/group exercise: • Writing learning outcomes • Preparation of a lesson plan	• Short answer • Objective type Assessment of Assignment: • Individual/Group
III	8	15	Explain the principles and strategies of classroom management	Implementation <i>Teaching in Classroom and Skill lab – Teaching Methods</i>	• Lecture cum Discussion	• Short answer • Objective type

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
			Describe different methods/strategies of teaching and develop beginning skill in using various teaching methods	- Classroom management-principles and strategies - Classroom communication - Facilitators and Barriers to classroom communication - Information communication technology (ICT) – ICT used in education <i>Teaching methods – Features, advantages and disadvantages</i> - Lecture, Group discussion, microteaching - Skill lab – simulations, Demonstration & re-demonstration - Symposium, panel discussion, seminar, scientific workshop, exhibitions - Role play, project - Field trips - Self-directed learning (SDL) - Computer assisted learning - One-to-one instruction <i>Active learning strategies</i> - Team based learning - Problem based learning - Peer sharing - Case study analysis - Journaling - Debate - Gaming - Inter-professional education	- Practice teaching/Micro teaching - Exercise (Peer teaching) - Patient teaching session - Construction of game – puzzle - Teaching in groups – interdisciplinary	Assessment of microteaching
IV	3	3	Enumerate the factors influencing selection of clinical learning experiences	Teaching in the Clinical Setting – Teaching Methods - Clinical learning environment - Factors influencing selection of clinical learning experiences - Practice model - Characteristics of effective clinical teacher - Writing clinical learning outcomes/practice competencies - Clinical teaching strategies – patient assignment – clinical conference, clinical presentation/bedside clinic, Case study/care study, nursing rounds, concept mapping, project, debate, game, role play, PBL, questioning, written assignment, process recording	- Lecture cum discussion - Writing clinical outcomes – assignments in pairs	- Short answer - Assessment of written assignment
V	5	5	Explain the purpose, principles and steps in the use of media	Educational/Teaching Media - Media use – Purpose, components, principles and steps - Types of media <i>Still visuals</i>	Lecture cum discussion	- Short answer - Objective type

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
			Categorize the different types of media and describe its advantages and disadvantages Develop skill in preparing and using media	- Non projected – drawings & diagrams, charts, graphs, posters, cartoons, board devices (chalk/white board, bulletin board, flannel board, flip charts, flash cards, still pictures/photographs, printed materials-handout, leaflet, brochure, flyer) - Projected – film stripes, microscope, power point slides, overhead projector <i>Moving visuals</i> - Video learning resources – videotapes & DVD, blu-ray, USB flash drive - Motion pictures/films <i>Realia and models</i> - Real objects & Models <i>Audio aids/audio media</i> - Audiotapes/Compact discs - Radio & Tape recorder - Public address system - Digital audio <i>Electronic media/computer learning resources</i> - Computers - Web-based videoconferencing - E-learning, Smart classroom <i>Telecommunication (Distance education)</i> - Cable TV, satellite broadcasting, videoconferencing Telephones – Telehealth/telenursing <i>Mobile technology</i>	Preparation of different teaching aids – (Integrate with practice teaching sessions)	Assessment of the teaching media prepared
VI	5	3	Describe the purpose, scope, principles in selection of evaluation methods and barriers to evaluation Explain the guidelines to develop assessment tests Develop skill in construction of different tests Identify various clinical evaluation tools and demonstrate skill in selected tests	Assessment/Evaluation Methods/Strategies - Purposes, scope and principles in selection of assessment methods and types - Barriers to evaluation - Guidelines to develop assessment tests <i>Assessment of knowledge:</i> - Essay type questions, - Short answer questions (SAQ) - Multiple choice questions (MCQ – single response & multiple response) <i>Assessment of skills:</i> - Clinical evaluation - Observation (checklist, rating scales, videotapes) - Written communication – progress notes, nursing care plans, process recording, written assignments	- Lecture cum discussion - Exercise on constructing assessment tool/s	- Short answer - Objective type - Assessment of tool/s prepared

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
				• Verbal communication (oral examination) • Simulation • Objective Structured Clinical Examination (OSCE) • Self-evaluation • Clinical portfolio, clinical logs <i>Assessment of Attitude:</i> • Attitude scales <i>Assessment tests for higher learning:</i> • Interpretive questions, hot spot questions, drag and drop and ordered response questions		
VII	3	3	Explain the scope, purpose and principles of guidance Differentiate between guidance and counseling Describe the principles, types, and counseling process Develop basic skill of counseling and guidance Recognize the importance of preventive counseling and develop skill to respond to disciplinary problems and grievance among students	Guidance/academic advising, counseling and discipline <i>Guidance</i> • Definition, objectives, scope, purpose and principles • Roles of academic advisor/faculty in guidance <i>Counseling</i> • Difference between guidance and counseling • Definition, objectives, scope, principles, types, process and steps of counseling • Counseling skills/techniques – basics • Roles of counselor • Organization of counseling services • Issues for counseling nursing students <i>Discipline and grievance in students</i> • Managing disciplinary/grievance problems – preventive guidance & counseling • Role of students' grievance redressal cell/committee	• Lecture cum discussion • Role play on student counseling in different situations • Assignment on identifying situations requiring counseling	• Assessment of performance in role play scenario • Evaluation of assignment
VIII	4	2	Recognize the importance of value-based education Develop skill in ethical decision making and maintain ethical standards for students Introduce knowledge of EBT and its application in nursing education	Ethics and Evidence Based Teaching (EBT) in Nursing Education <i>Ethics – Review</i> • Definition of terms • Value based education in nursing • Value development strategies • Ethical decision making • Ethical standards for students • Student-faculty relationship <i>Evidence based teaching – Introduction</i> • Evidence based education process and its application to nursing education	• Value clarification exercise • Case study analysis (student encountered scenarios) and suggest ethical decision-making steps • Lecture cum discussion	• Short answer • Evaluation of case study analysis • Quiz – MCQ

INTRODUCTION TO FORENSIC NURSING AND INDIAN LAWS

PLACEMENT: V SEMESTER

THEORY: 1 Credit (20 hours)

DESCRIPTION: This course is designed to help students to know the importance of forensic science in total patient care and to recognize forensic nursing as a specialty discipline in professional nursing practice.

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

1. Identify forensic nursing as an emerging specialty in healthcare and nursing practice
2. Explore the history and scope of forensic nursing practice
3. Identify forensic team, role and responsibilities of forensic nurse in total care of victim of violence and in preservation of evidence
4. Develop basic understanding of the Indian judicial system and legal procedures

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	3 (T)	Describe the nature of forensic science and discuss issues concerning violence	Forensic Science • Definition • History • Importance in medical science • Forensic Science Laboratory Violence • Definition • Epidemiology • Source of data Sexual abuse – child and women	• Lecture cum discussion • Visit to Regional Forensic Science Laboratory	• Quiz – MCQ • Write visit report
II	2 (T)	Explain concepts of forensic nursing and scope of practice for forensic nurse	Forensic Nursing • Definition • History and development • Scope – setting of practice, areas of practice and subspecialties • Ethical issues • Roles and responsibilities of nurse • INC & SNC Acts	• Lecture cum discussion	• Short answer • Objective type
III	7 (T)	Identify members of forensic team and describe role of forensic nurse	Forensic Team • Members and their roles Comprehensive forensic nursing care of victim and family • Physical aspects • Psychosocial aspects • Cultural and spiritual aspects • Legal aspects • Assist forensic team in care beyond scope of her practice • Admission and discharge/referral/death of victim of violence • Responsibilities of nurse as a witness Evidence preservation – role of nurses • Observation	• Lecture cum Discussion • Hypothetical/real case presentation • Observation of post-mortem	• Objective type • Short answer • Write report

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			• Recognition • Collection • Preservation • Documentation of Biological and other evidence related to criminal/traumatic event • Forwarding biological samples for forensic examination	• Visit to department of forensic medicine	
IV	3 (T)	Describe fundamental rights and human rights commission	Introduction of Indian Constitution Fundamental Rights • Rights of victim • Rights of accused Human Rights Commission	• Lecture cum discussion • Written Assignment • Visit to prison	• Short answer • Assessment of written assignment • Write visit report
V	5 (T)	Explain Indian judicial system and laws Discuss the importance of POSCO Act	Sources of laws and law-making powers Overview of Indian Judicial System • JMFC (Judicial Magistrate First Class) • District • State • Apex Civil and Criminal Case Procedures • IPC (Indian Penal Code) • ICPC • IE Act (Indian Evidence Act) Overview of POSCO Act	• Lecture cum discussion • Guided reading • Lecture cum discussion	• Quiz • Short answer

CHILD HEALTH NURSING - II

PLACEMENT: VI SEMESTER

THEORY: 2 Credits (40 hours)

PRACTICUM: Clinical: 1 Credit (80 hours)

DESCRIPTION: This course is designed for developing an understanding of the modern approach to child-care, identification, prevention and nursing management of common health problems of neonates and children.

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

1. Apply the knowledge of pathophysiology and provide nursing care to children with Cardiovascular, GI, genitourinary, nervous system disorders, orthopedic disorders, eye, ear and skin disorders and communicable diseases
2. Provide care to children with common behavioural, social and psychiatric problems
3. Manage challenged children
4. Identify the social and welfare services for challenged children

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
1	20 (T)	Describe the etiology, pathophysiology, clinical manifestation and nursing management of children with disorders of cardiovascular, gastrointestinal, genitourinary, and nervous system	Cardiovascular system: • Identification and Nursing management of congenital malformations • Congenital heart diseases: Cyanotic and Acyanotic (ASD, VSD, PDA, TOF) • Others: Rheumatic fever and Rheumatic heart disease, Congestive cardiac failure • Hematological conditions: a) Congenital: Hemophilia, Thalassemia b) Others: Anemia, Leukemia, Idiopathic thrombocytopenic purpura, Hodgkins and non-hodgkins lymphoma Gastrointestinal system: • Identification and Nursing management of congenital malformations. • Congenital: Cleft lip, Cleft palate, Congenital hypertrophic pyloric stenosis, Hirschsprungs disease (Megacolon), Anorectal malformation, Malabsorption syndrome, Abdominal wall defects, Hernia • Others: Gastroenteritis, Diarrhea, Vomiting, Protein energy malnutrition, Intestinal obstruction, Hepatic diseases, intestinal parasites	• Lecture cum discussion • Demonstration and practice session	• Short answer • Objective type • Assessment of skills with checklist
				• Refer/consult SAM operational guidelines on facility-based management of children with severe acute malnutrition.	

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			Genitourinary urinary system: • Identification and Nursing management of congenital malformations. • Congenital: Wilms tumor, Extropy of bladder, Hypospadias, Epispadias, Obstructive uropathy • Others: Nephrotic syndrome, Acute glomerulonephritis, renal failure Nervous system: • Identification and Nursing management of congenital malformations a) Congenital: Spina bifida, Hydrocephalous. b) Others: Meningitis, Encephalitis, Convulsive disorders (convulsions and seizures), Cerebral palsy head injury		
II	10 (T)	Describe the etiology, pathophysiology, clinical manifestation and nursing management of children with Orthopedic disorders, eye, ear and skin disorders Explain the preventive measures and strategies for children with communicable diseases	Orthopedic disorders: • Club foot • Hip dislocation and • Fracture Disorder of eye, ear and skin: • Refractory errors • Otitis media and • Atopic dermatitis Communicable diseases in children, their identification/ diagnosis, nursing management in hospital, in home, control & prevention: • Tuberculosis • Diphtheria • Tetanus • Pertussis • Poliomyelitis • Measles • Mumps, and • Chickenpox • HIV/AIDS • Dengue fever • COVID-19	• Lecture cum discussion • Demonstration • Practice session • Clinical practice	• Short answer • Objective type • Assessment of skills with checklist
III	10 (T)	Describe the management of children with behavioral & social problems Identify the social & welfare services for challenged children	Management of behavior and social problems in children • Child Guidance clinic • Common behavior disorders in children and management - o Enuresis and Encopresis - o Nervousness - o Nail biting - o Thumb sucking - o Temper tantrum - o Stealing - o Aggressiveness - o Juvenile delinquency - o School phobia - o Learning disability	• Lecture cum discussion • Field visits to child guidance clinics, school for mentally & physically, socially challenged	• Short answer • Objective type • Assessment of field reports

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			• Psychiatric disorders in children and management ○ Childhood schizophrenia ○ Childhood depression ○ Conversion reaction ○ Posttraumatic stress disorder ○ Autistic spectrum disorders • Eating disorder in children and management ○ Obesity ○ Anorexia nervosa ○ Bulimia • Management of challenged children. ○ Mentally ○ Physically ○ Socially ○ Child abuse, ○ Substance abuse • Welfare services for challenged children in India		

CHILD HEALTH NURSING - II – CLINICAL PRACTICUM (1 Credit – 80 hours)

Given under Child Health Nursing - I as I & II

MENTAL HEALTH NURSING - II

PLACEMENT: VI SEMESTER

THEORY: 1 Credit (40 Hours)

PRACTICUM: Clinical: 2 Credits (160 Hours)

DESCRIPTION: This course is designed to provide the students with basic understanding and skills essential to meet psychiatric emergencies and perform the role of community mental health nurse.

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

1. Apply nursing process in providing care to patients with substance use disorders, and personality and sexual disorders.
2. Apply nursing process in providing care to patients with behavioural and emotional disorders occurring during childhood and adolescence.
3. Apply nursing process in providing care to patients with organic brain disorders.
4. Identify and respond to psychiatric emergencies.
5. Carry out crisis interventions during emergencies under supervision.
6. Perform admission and discharge procedures as per MHCA 2017.
7. Explore the roles and responsibilities of community mental health nurse in delivering community mental health services.

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
I	6 (T)	Describe the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with substance use disorders	Nursing Management of Patients with Substance Use Disorders • Prevalence and incidence • Commonly used psychotropic substance: classifications, forms, routes, action, intoxication and withdrawal • Psychodynamics/etiology of substance use disorder (Terminologies: Substance Use, Abuse, Tolerance, Dependence, Withdrawal) • Diagnostic criteria/formulations • Nursing Assessment: History (substance history), Physical, mental assessment and drug and drug assay • Treatment (detoxification, antabuse and narcotic antagonist therapy and harm reduction, Brief interventions, MET, refusal skills, maintenance therapy) and nursing management of patients with substance use disorders • Special considerations for vulnerable population • Follow-up and home care and rehabilitation	• Lecture cum discussion • Case discussion • Case presentation • Clinical practice	• Essay • Short answer • Assessment of patient management problems
II	6 (T)	Describe the etiology, psychodynamics, clinical	Nursing Management of Patient with Personality and Sexual Disorders • Prevalence and incidence	• Lecture cum discussion • Case discussion	• Essay • Short answer

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		manifestations, diagnostic criteria and management of patients with personality, and sexual disorders	• Classification of disorders • Etiology, psychopathology, characteristics, diagnosis • Nursing Assessment: History, Physical and mental health assessment • Treatment modalities and nursing management of patients with personality, and sexual disorders • Geriatric considerations • Follow-up and home care and rehabilitation	• Case presentation • Clinical practice	• Assessment of patient management problems
III	8 (T)	Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of childhood and adolescent disorders including mental deficiency	Nursing Management of Behavioural & Emotional Disorders occurring during Childhood and Adolescence (Intellectual disability, autism, attention deficit, hyperactive disorder, eating disorders, learning disorder) • Prevalence and incidence • Classifications • Etiology, psychodynamics, Characteristics, diagnostic criteria/formulations • Nursing Assessment: History, Physical, mental status examination and IQ assessment • Treatment modalities and nursing management of childhood disorders including intellectual disability • Follow-up and home care and rehabilitation	• Lecture cum discussion • Case discussion • Case presentation • Clinical practice	• Essay • Short answer • Assessment of patient management problems
IV	5 (T)	Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of organic brain disorders.	Nursing Management of Organic Brain Disorders (Delirium, Dementia, amnesic disorders) • Prevalence and incidence • Classification • Etiology, psychopathology, clinical features, diagnosis and Differential diagnosis • Nursing Assessment: History, Physical, mental and neurological assessment • Treatment modalities and nursing management of organic brain disorders • Follow-up and home care and rehabilitation	• Lecture cum discussion • Case discussion • Case presentation • Clinical practice	• Essay • Short answer • Assessment of patient management problems
V	6 (T)	Identify psychiatric emergencies and carry out crisis intervention	Psychiatric Emergencies and Crisis Intervention • Types of psychiatric emergencies (attempted suicide, violence/aggression, stupor, delirium tremens and other psychiatric emergencies) and their managements	• Lecture cum discussion • Case discussion • Case presentation • Clinical practice	• Short answer • Objective type

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			• Maladaptive behaviour of individual and groups, stress, crisis and disaster(s) • Types of crisis • Crisis intervention: Principles, Techniques and Process - Stress reduction interventions as per stress adaptation model - Coping enhancement - Techniques of counseling		
VI	4 (T)	Explain legal aspects applied in mental health settings and role of the nurse	Legal Issues in Mental Health Nursing • Overview of Indian Lunacy Act and The Mental Health Act 1987 • (Protection of Children from Sexual Offence) POSCO Act • Mental Health Care Act (MHCA) 2017 • Rights of mentally ill clients • Forensic psychiatry and nursing • Acts related to narcotic and psychotropic substances and illegal drug trafficking • Admission and discharge procedures as per MHCA 2017 • Role and responsibilities of nurses in implementing MHCA 2017	• Lecture cum discussion • Case discussion	• Short answer • Objective type
VII	5 (T)	Describe the model of preventive psychiatry Describe Community Mental health services and role of the nurse	Community Mental Health Nursing • Development of Community Mental Health Services: • National mental health policy viz. National Health Policy • National Mental Health Program • Institutionalization versus Deinstitutionalization • Model of Preventive psychiatry • Mental Health Services available at the primary, secondary, tertiary levels including rehabilitation and nurses' responsibilities • Mental Health Agencies: Government and voluntary, National and International • Mental health nursing issues for special populations: Children, Adolescence, Women Elderly, Victims of violence and abuse, Handicapped, HIV/AIDS etc.	• Lecture cum discussion • Clinical/ field practice • Field visits to mental health service agencies	• Short answer • Objective type • Assessment of the field visit reports

CLINICAL PRACTICUM – 2 Credits (80 hours)

Clinical Practicum for Mental Health Nursing - I & II are given under Mental Health Nursing - I Clinical Practicum

NURSING MANAGEMENT AND LEADERSHIP

PLACEMENT: VI Semester

THEORY: 3 Credits (60 hours) includes Lab/Skill Lab hours also

PRACTICUM: Clinical: 1 Credits (80 hours)

DESCRIPTION: This course is designed to enable students to acquire knowledge and competencies in areas of administration, and management of nursing services and education. Further prepares the students to develop leadership competencies and perform their role as effective leaders in an organization.

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

1. Analyze the health care trends influencing development of nursing services and education in India.
2. Describe the principles, functions and process of management applied to nursing.
3. Develop basic understanding and beginning competencies in planning and organizing nursing services in a hospital.
4. Apply the concept of human resource management and identify the job description for all categories of nursing personnel including in service education.
5. Discuss the principles and methods of staffing and scheduling in an individual hospital/nursing unit.
6. Develop skill in management of materials and supplies including inventory control.
7. Develop team working and inter professional collaboration competencies.
8. Identify effective leadership styles and develop leadership competencies.
9. Utilize the knowledge of principles and line of control and participate in quality management and evaluation activities.
10. Utilize the knowledge related to financial planning in nursing services and education during budgetary process.
11. Apply the knowledge of nursing informatics in maintenance of records and reports relevant to patient information, nursing care and progress.
12. Demonstrate understanding of the INC guidelines for establishment and accreditation of educational institutions in terms of faculty norms, physical infrastructure and clinical facilities.
13. Demonstrate beginning competencies in planning, organizing and staffing at college including implementation and evaluation of curriculum.
14. Identify the legal issues and laws relevant to nursing practice and education.
15. Apply the knowledge and utilize the various opportunities for professional advancement.

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	1 (T)	Explore the health care, development of nursing services and education in India and trends	Health Care and Development of Nursing Services in India • Current health care delivery system of India – review • Planning and development of nursing services and education at global and national scenario • Recent trends and issues of nursing service and management	• Lecture cum discussion • Directed reading and written assignment	• Short answer • Assessment of assignment

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
II	2 (T)	Explain the principles and functions of management applied to nursing Describe the introductory concepts of management as a process	Management Basics Applied to Nursing • Definitions, concepts and theories of management • Importance, features and levels of management • Management and administration • Functions of management • Principles of management • Role of a nurse as a manager Introduction to Management Process • Planning • Organizing • Staffing • Directing/Leading • Controlling	• Lecture and discussion	• MCQ • Short answer
			MANAGEMENT OF NURSING SERVICES		
III	4 (T)	Describe the essential elements of planning	Planning Nursing Services • Vision, Mission, philosophy, objectives • Nursing service policies, procedures and manuals • Functional and operational planning • Strategic planning • Program planning – Gantt chart & milestone chart • Budgeting – concepts, principles, types, • Budget proposal, cost benefit analysis • Planning hospital and patient care unit (Ward) • Planning for emergency and disaster	• Lecture and Discussion • Visit to specific hospital/ patient care units • Demonstration of disaster drill in the respective setting	• Formulate Mission & Vision Statement for the nursing department/ unit • Assessment of problem-solving exercises • Visit Report
IV	4 (T)	Discuss the concepts of organizing including hospital organization	Organizing • Organizing as a process – assignment, delegation and coordination • Hospital – types, functions & organization • Organizational development • Organizational structure • Organizational charts • Organizational effectiveness • Hospital administration, Control & line of authority • Hospital statistics including hospital utilization indices • Nursing care delivery systems and trends • Role of nurse in maintenance of effective organizational climate	• Lecture cum discussion • Comparison of organizational structure of various organizations • Nursing care delivery systems –assignment • Preparation of Organizational chart of hospital/ Nursing services	• Short answer • Assessment of assignment
V	6 (T)	Identify the significance of human resource management (HRM) and	Staffing (Human resource management) • Definition, objectives, components and functions Staffing & Scheduling	• Lecture and discussion • Role play • Games self-assessment, case	• Formulate Job description at different levels of care & compare

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		material management and discuss its elements Explain the procedural steps of material management Develop managerial skill in inventory control and actively participate in procurement process	- Staffing – Philosophy, staffing activities - Recruiting, selecting, deployment - Training, development, credentialing, retaining, promoting, transfer, terminating, superannuation - Staffing units – Projecting staffing requirements/calculation of requirements of staff resources Nurse patient ratio, Nurse Population ratio as per SIU norms/IPH Norms, and Patient classification system - Categories of nursing personnel including job description of all levels - Assignment and nursing care responsibilities - Turnover and absenteeism - Staff welfare - Discipline and grievances In-Service Education - Nature and scope of in-service education program - Principles of adult learning – review - Planning and organizing in-service educational program - Methods, techniques and evaluation - Preparation of report Material Resource Management - Procurement, purchasing process, inventory control & role of nurse - Auditing and maintenance in hospital and patient care unit	- discussion and practice session - Calculation of staffing requirements for a specified ward - Visit to inventory store of the institution	- with existing system - Preparation of duty roster - Preparation of MMF/records - Preparation of log book & condemnation documents - Visit Report
VI	5 (T)	Describe the important methods of supervision and guidance	Directing and Leading - Definition, principles, elements of directing - Supervision and guidance - Participatory management - Inter-professional collaboration - Management by objectives - Team management - Assignments, rotations - Maintenance of discipline - Leadership in management	- Lecture and discussion - Demonstration of record & report maintenance in specific wards/ departments	- Assignment on Reports & Records maintained in nursing department/ - Preparation of protocols and manuals
VII	4 (T)	Discuss the significance and changing trends of nursing leadership Analyze the different leadership styles and develop leadership competencies	Leadership - Definition, concepts, and theories - Leadership principles and competencies - Leadership styles: Situational leadership, Transformational leadership - Methods of leadership development - Mentorship/preceptorship in nursing - Delegation, power & politics, empowerment, mentoring and coaching	- Lecture cum discussion - Self-assessment - Report on types of leadership adopted at different levels of health care in the given setting - Problem solving/ Conflict	- Short answer - Essay - Assessment of exercise/report

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			• Decision making and problem solving • Conflict management and negotiation • Implementing planned change	- management exercise • Observation of managerial roles at different levels (middle level managers-ward incharge, ANS)	
VIII	4 (T)	Explain the process of controlling and its activities	Controlling • Implementing standards, policies, procedures, protocols and practices • Nursing performance audit, patient satisfaction • Nursing rounds, Documentation – records and reports • Total quality management – Quality assurance, Quality and safety • Performance appraisal • Program evaluation review technique (PERT) • Bench marking, Activity plan (Gantt chart) • Critical path analysis	• Lecture cum discussion • Preparation of policies/ protocols for nursing units/ department	• Assessment of prepared protocols
IX	4 (T)	Explain the concepts of organizational behavior and group dynamics	Organizational Behavior and Human Relations • Concepts and theories of organizational behavior • Group dynamics • Review – Interpersonal relationship • Human relations • Public relations in the context of nursing • Relations with professional associations and employee unions • Collective bargaining • Review – Motivation and morale building • Communication in the workplace – assertive communication • Committees – importance in the organization, functioning	• Lecture and discussion • Role play/ exercise – Group dynamics & human relations	• Short answer • OSCE
X	2 (T)	Describe the financial management related to nursing services	Financial Management • Definition, objectives, elements, functions, principles & scope of financial management • Financial planning (budgeting for nursing department) • Proposal, projecting requirement for staff, equipment and supplies for – Hospital & patient care units & emergency and disaster units • Budget and Budgetary process • Financial audit	• Lecture cum discussion • Budget proposal review • Preparation of budget proposal for a specific department	• Short answer • Essay • Assessment of assignment
XI	1 (T)	Review the concepts, principles and methods and use	Nursing Informatics/ Information Management – Review • Patient records • Nursing records	• Review • Practice session • Visit to departments	• Short answer

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		of nursing informatics	• Use of computers in hospital, college and community • Telemedicine & Tele nursing • Electronic Medical Records (EMR), EHR		
XII	1 (T)	Review personal management in terms of management of emotions, stress and resilience	Personal Management – Review • Emotional intelligence • Resilience building • Stress and time management – de-stressing • Career planning	• Review • Discussion	
			MANAGEMENT OF NURSING EDUCATIONAL INSTITUTIONS		
XIII	4 (T)	Describe the process of establishing educational institutions and its accreditation guidelines	Establishment of Nursing Educational Institutions • Indian Nursing Council norms and guidelines – Faculty norms, physical facilities, clinical facilities, curriculum implementation, and evaluation/examination guidelines • Coordination with regulatory bodies – INC and State Nursing Council • Accreditation – Inspections • Affiliation with university/State council/board of examinations	• Lecture and discussion • Visit to one of the regulatory bodies	• Visit report
XIV	4 (T)	Explain the planning and organizing functions of a nursing college	Planning and Organizing • Philosophy, objectives and mission of the college • Organization structure of school/college • Review – Curriculum planning • Planning teaching and learning experiences, clinical facilities – master plan, time table and clinical rotation • Budget planning – faculty, staff, equipment & supplies, AV aids, Lab equipment, library books, journals, computers and maintenance • Infrastructure facilities – college, classrooms, hostel, library, labs, computer lab, transport facilities • Records & reports for students, staff, faculty and administrative • Committees and functioning • Clinical experiences	• Directed reading – INC Curriculum • Preparation of organizational structure of the college • Written assignment – writing philosophy of a teaching department • Preparation of master plan, time table and clinical rotation	• Short answer • Essay • Assessment of assignment
XV	4 (T)	Develop understanding of staffing the college and selecting the students	Staffing and Student Selection • Faculty/staff selection, recruitment and placement, job description • Performance appraisal • Faculty development • Faculty/staff welfare • Student recruitment, admission, clinical placement	• Guided reading on faculty norms • Faculty welfare activities report • Writing job description of tutors	• Short answer • Activity report • Assessment of job description
XVI	4 (T)	Analyze the leadership and management	Directing and Controlling • Review – Curriculum implementation and evaluation	• Review principles of evaluation	• Short answer

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		activities in an educational organization	• Leadership and motivation, supervision – review • Guidance and counseling • Quality management – educational audit • Program evaluation, evaluation of performance • Maintaining discipline • Institutional records and reports – administrative, faculty, staff and students	• Assignment – Identify disciplinary problems among students • Writing student record	• Assessment of assignment and record
XVII	4 (T)	Identify various legal issues and laws relevant to nursing practice	PROFESSIONAL CONSIDERATIONS Review – Legal and Ethical Issues • Nursing as a profession – Characteristics of a professional nurse • Nursing practice – philosophy, aim and objectives • Regulatory bodies – INC and SNC constitution and functions Review – Professional ethics • Code of ethics and professional conduct – INC & ICN • Practice standards for nursing – INC • International Council for Nurses (ICN) Legal aspects in nursing: • Consumer protection act, patient rights • Legal terms related to practice, legal system – types of law, tort law & liabilities • Laws related to nursing practice – negligence, malpractice, breach, penalties • Invasion of privacy, defamation of character • Nursing regulatory mechanisms – registration, licensure, renewal, accreditation, nurse practice act, regulation for nurse practitioner/specialist nursing practice		
XVIII	2 (T)	Explain various opportunities for professional advancement	Professional Advancement • Continuing Nursing Education • Career opportunities • Membership with professional organizations – national and international • Participation in research activities • Publications – journals, newspaper	• Prepare journal list available in India • Write an article – research/ clinical	• Assessment of assignments

Note: Less than 1 credit lab hours are not specified

CLINICAL PRACTICUM

Clinical: 2 Credits (80 hours) 2 weeks × 40 hours per week = 80 hours

Practice Competencies:

Hospital

1. Prepare organizational chart of hospital/Nursing services/nursing department
2. Calculate staffing requirements for a particular nursing unit/ward
3. Formulate Job description at different levels of care
4. Prepare duty roster for staff/students at different levels
5. Participate in procuring/purchase of equipment & supplies
6. Prepare log book/MMF for specific equipment/materials
7. Maintain and store inventory and keep daily records
8. Prepare and maintain various records & reports of the settings – incident reports/adverse reports/audit reports
9. Prepare and implement protocols & manuals
10. Participate in supervision, evaluation and conducting in service education for the staff

College & Hostel

1. Prepare organizational chart of college
2. Formulate job description for tutors
3. Prepare Master plan, time table and clinical rotation
4. Prepare student anecdotes
5. Participate in planning, conducting and evaluation of clinical teaching
6. Participate in evaluation of students' clinical experience
7. Participate in planning and conducting practical examination OSCE – end of posting

CLINICAL POSTING: Management experience in hospital & college.



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