

Medical Surgical Nursing

(Adult including Geriatrics) – II

Placement : Third Year

Time : Theory – 120 hours

Practical –270 hours

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

Unit	Time (Hrs.)	Learning Objectives	Content and Teaching Learning Activity
I	15	<ul style="list-style-type: none"> ▪ Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients with disorders of Ear Nose and Throat 	<p>Nursing management of patient with disorders of Ear Nose and Throat</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of the Ear Nose and Throat • Nursing assessment- History and Physical assessment • Etiology, Pathophysiology , clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of Ear Nose & Throat disorders: <ul style="list-style-type: none"> ○ External ear: deformities otalgia, foreign bodies, and tumours ○ Middle Ear – Impacted wax, Tympanic membrane perforation, otitis media, otosclerosis, mastoiditis, tumours ○ Inner ear – Meniere’s Disease, labyrinthitis, ototoxicity, tumors ○ Upper airway infections – Common cold, sinusitis, <u>ethinitis</u>, rhinitis, pharyngitis, tonsillitis and adenoiditis, peritonsilar abscess, laryngitis • Upper respiratory airway – epistaxis, • Nasal obstruction, laryngeal obstruction, cancer of the larynx • Cancer of the oral cavity • Speech defects and speech therapy • Deafness – • Prevention, control and rehabilitation • Hearing Aids, implanted hearing devices <p>Special Therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of disorders of Ear Nose and Throat</p> <p>Role of nurse Communicating with hearing impaired and muteness.</p> <p>Teaching learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion • Explain using Charts, graphs • Models, films, slides <ul style="list-style-type: none"> • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation Assessment of skills with check list • Assessment of patient management problem

II	15	<ul style="list-style-type: none"> Describe the etiology, patho physiology, clinical manifestations, diagnostic measures and management of patients with disorders of eye. <p>Nursing management of patient with disorder of eye</p> <ul style="list-style-type: none"> Review of anatomy and physiology of the eye – Nursing Assessment - History and Physical assessment Etiology, Pathophysiology , clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of eye disorders: <ul style="list-style-type: none"> Refractive errors Eyelids-infection, tumors& deformities Conjunctiva - inflammation and infection, bleeding Cornea-inflammation and infection Lens-Cataracts Glaucoma Disorder of the <u>uvealtract</u>, Ocular tumours Disorders of posterior chamber & retina : retinal and vitreous problems Retinal detachment Ocular emergencies and their prevention Blindness National blindness control program Eye Banking Eye prostheses and Rehabilitation <p>Role of nurse - Communication with visually impaired patient, Eye camps</p> <p>Special Therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of disorders of eye</p> <p>Teaching Learning Activity</p> <ul style="list-style-type: none"> Lecture Discussion Explain using Charts, graphs Models, films, slides <ul style="list-style-type: none"> Demonstration Practice session Case discussions/ Seminar Health education Supervised clinical practice Drug book/ presentation Visit to eye bank Participation in eye-camps Assess-ment of skills with check list Assessment of patient management problem
III	16	<ul style="list-style-type: none"> Describe the etiology, patho- physiology, clinical manifestation s, diagnostic measures & <p>Nursing management of patient with neurological disorders</p> <ul style="list-style-type: none"> Review of anatomy and physiology of the neurological system Nursing Assessment - History and Physical and neurological Etiology, Pathophysiology , clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of neurological disorders <ul style="list-style-type: none"> Congenital malformations Headache

		<p>nursing management of patients with neurological disorders</p> <ul style="list-style-type: none"> • Head Injuries • Spinal Injuries: <ul style="list-style-type: none"> ○ Paraplegia ○ Hemiplegia ○ Quadriplegia • Spinal cord compression-herniation of intervertebral disc • Tumors of the brain & spinal cord • Intra cranial & cerebral aneurysms • Infections : <ul style="list-style-type: none"> ○ Meningitis, Encephalitis, Brain abscess, neurocysticercosis • Movement disorders <ul style="list-style-type: none"> ○ Chorea ○ Seizures ○ Epilepsies • Cerebro Vascular Accidents (CVA) • Cranial, Spinal Neuropathies - Bell's palsy, trigeminal neuralgia • Peripheral Neuropathies; Guillain-Barre Syndrome • Myasthenia gravis • Multiple sclerosis • Degenerative diseases <ul style="list-style-type: none"> ○ Delirium ○ Dementia ○ Alzheimer's disease ○ Parkinson's disease • Management of unconscious patients & patients with stroke • Role of the nurse in communicating with patient having neurological deficit • Rehabilitation of patients with neurological deficit <p>Role of nurse in long stay facility (institutions) and at home</p> <p>Special Therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of neurological disorders</p> <p>Teaching Learning Activity</p> <ul style="list-style-type: none"> • Lecture Discussion • Explain using Charts, graphs • Models, films, slides <ul style="list-style-type: none"> • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation • Visit to rehabilitation centre • Assessment of skills with check list • Assessment of patient management problem
IV	16	<ul style="list-style-type: none"> • Describe the etiology, patho- <p>Nursing management of patients with disorders of female reproductive system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of the female reproductive

		<p>physiology, clinical manifestations, diagnostic measures & nursing management of patients with disorders of female reproductive system</p> <ul style="list-style-type: none"> • Describe concepts of reproductive health & family welfare programme 	<p>system</p> <ul style="list-style-type: none"> • Nursing Assessment - History and Physical assessment • Breast Self-Examination • Etiology, Pathophysiology , clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of disorder of female reproductive system • Congenital abnormalities of female reproductive system • Sexuality & Reproductive Health • Sexual Health Assessment • Menstrual Disorders; Dysmenorrhea, Amenorrhea, Premenstrual Syndrome • Abnormal Uterine Bleeding; Menorrhagia, Metrorrhagia • Pelvic Inflammatory Disease – • Ovarian and fallopian tube disorders; infections, cysts, tumours • Uterine & cervical disorders; Endometriosis, polyps, Fibroids, Cervical & uterine tumors, uterine displacement, Cystocele/Urethrocele/Rectocele • Vaginal disorders; Infections, cysts, tumours • Diseases of breasts; Deformities, Infections, Cysts and Tumor's • Menopause and Hormonal Replacement Therapy • Infertility • Contraception ; Types Methods, Risk and effectiveness ○ Spacing Methods <ul style="list-style-type: none"> - Barrier methods, Interuterine Devices, Hormonal, Post Conceptional Methods, etc. ○ Terminal methods <ul style="list-style-type: none"> - Sterilization • Emergency Contraception methods • Abortion – Natural, Medical & surgical abortion – MTP Act • Toxic Shock Syndrome • Injuries & Trauma; Sexual violence <p>Special Therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of gynecological disorders</p> <p>National family welfare programme</p> <p>Teaching Learning Activity</p> <ul style="list-style-type: none"> • Lecture Discussion • Explain using Charts, graphs • Models, films, slides <ul style="list-style-type: none"> • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation • Assessment of skills with check list • Assessment of patient management problem
V	10	• Describe the	Nursing management of patients with Burns, reconstructive &

		<p>etiology, patho-physiology, clinical manifestations, diagnostic measures & nursing management of patients with Burns, reconstructive and cosmetic surgery</p>	<p>cosmetic surgery</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of the skin & connective tissues and various deformities • Nursing Assessment - History and Physical assessment & Assessment of burns & fluid and electrolyte loss • Etiology, Classification, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of Burns & Re-constructive and Cosmetic surgery; • Types of Re-constructive and Cosmetic surgery; for burns, congenital deformities, injuries & cosmetic purposes • Role of Nurse • Legal aspects • Rehabilitation • Special therapies <ul style="list-style-type: none"> ○ Psycho social aspects <p>Nursing procedures</p> <p>Drugs used in treatment of Burns, reconstructive and cosmetic surgery</p> <p>Teaching Learning Activity</p> <ul style="list-style-type: none"> • Lecture Discussion • Explain using Charts, graphs • Models, films, slides <ul style="list-style-type: none"> • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation
VI	10	<ul style="list-style-type: none"> • Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures & nursing management of patients with oncology 	<p>Nursing management of patients with oncological conditions</p> <ul style="list-style-type: none"> • Structure & characteristics of normal & cancer cells • Nursing Assessment - History and Physical assessment • Prevention, Screening, Early detection, Warning signs of cancer • Epidemiology, Etiology, Classification, Patho-physiology, Staging, clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of oncological conditions • Common malignancies of various body systems ; Oral, larynx, lung, Stomach & Colon, Liver, Leukemia's & lymphomas, Breast, Cervix, Ovary, Uterus, Sarcoma, Brain, Renal, Bladder, Prostate etc. • Oncological emergencies • Modalities of treatment <ul style="list-style-type: none"> ○ Immunotherapy ○ Chemotherapy ○ Radiotherapy ○ Surgical Interventions ○ Stem cell and Bone marrow transplants ○ Gene therapy

		<ul style="list-style-type: none"> ○ Other forms of treatment ● Psychosocial aspects of cancer ● Rehabilitation ● Palliative care; Symptom and Pain Management, Nutritional support ● Home care ● Hospice care ● Stomal Therapy ● Special therapies <ul style="list-style-type: none"> ○ Psycho social aspects ● Nursing procedures <p>Teaching Learning Activity</p> <ul style="list-style-type: none"> ● Lecture Discussion ● Explain using Charts, graphs ● Models, films, slides <ul style="list-style-type: none"> ● Demonstration ● Practice session ● Case discussions/ Seminar ● Health education ● Supervised clinical practice ● Drug book/ presentation ● Assess-ment of skills with check list ● Assess-ment of patient manage-ment problem
VII	10	<ul style="list-style-type: none"> ● Describe organization of emergency & disaster care services ● Describe the role of nurse in disaster management ● Describe the role of nurse in management of common Emergencies <p>Nursing management of patient in Emergency & Disaster situations</p> <p>Disaster Nursing :</p> <ul style="list-style-type: none"> ● Concepts & principles of Disaster Nursing ● Causes and Types of Disaster : Natural and Man-made <ul style="list-style-type: none"> ○ Earthquakes, Floods, Epidemics, Cyclones ○ Fire, Explosion, Accidents ○ Violence, Terrorism; bio-chemical, War ● Policies related to emerge-ncy/disaster management; International, national, state, institutional ● Disaster preparedness: ● Team, Guidelines, protocols, Equipment's, Resources ● Coordination and involve-ment of; Community, various govt. departments, non-govt. organizations & International agencies ● Role of nurse: working ● Legal Aspects of Disaster Nursing ● Impact on Health and after effects; Post Traumatic Stress Disorder ● Rehabilitation; physical, psycho-social, Financial, Relocation <p>Emergency Nursing</p> <ul style="list-style-type: none"> ● Concept, priorities, principles & scope of emergency nursing ● Organization of emer-gency services: physical setup, staffing, equipment and supplies, protocols, Concepts of triage & role of triage nurse ● Coordination & involve-ment of different departments &

		<p>facilities</p> <ul style="list-style-type: none"> • Nursing Assessment- History and Physical assessment • Etiology, Pathophysiology , clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of patient with medical & surgical Emergency • Principles of emergency management • Common Emergencies; • Respiratory Emergencies • Cardiac Emergencies • Shock & Hemorrhage • Pain • Poly-Trauma, road accidents, crush injuries, wound • Bites • Poisoning; Food, Gas, Drugs & chemical poisoning • Seizures • Thermal Emergencies <p>Heat stroke & Cold injuries</p> <ul style="list-style-type: none"> • Pediatric Emergencies • Psychiatric Emergencies • Obstetrical Emergencies • Violence, Abuse, Sexual assault • Cardio Pulmonary Resuscitation • Crisis Intervention • Role of the nurse; Communication & Inter personal Relations • Medico-Legal Aspects; <p>Teaching Learning Activity</p> <ul style="list-style-type: none"> • Lecture Discussion • Explain using Charts, graphs • Models, films, slides <ul style="list-style-type: none"> • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Disaster management Drills • Drug book/ presentation • Assessment of skills with check list • Assessment of patient management problem
VIII	10	<ul style="list-style-type: none"> • Explain the concept and problems of aging • Describe nursing care of the elderly <p>Nursing care of the elderly</p> <ul style="list-style-type: none"> • Nursing Assessment –History & Physical assessment • Ageing; • Demography; Myths and realities • Concepts & theories of ageing • Cognitive Aspects of Ageing • Normal biological ageing • Age related body systems changes • Psychosocial Aspects of Ageing • Medications and elderly

		<ul style="list-style-type: none"> • Stress & coping in older adults • Common Health Problems & Nursing Management; • Cardiovascular, Respiratory, Musculoskeletal, • Endocrine, genitor-urinary, gastrointestinal • Neurological, Skin and other Sensory organs ○ Psychosocial and Sexual ○ Abuse of elderly • Role of nurse for care of elderly: ambulation, nutritional, communicational, psychosocial & spiritual • Role of nurse for caregivers of elderly • Role of family and formal and non formal caregivers • Use of aids & prosthesis (hearing aids, dentures, • Legal & Ethical Issues • Provisions &Programmes for elderly; privileges, Community Programs and health services; • Home & institutional care <p>Teaching Learning Activity</p> <ul style="list-style-type: none"> • Lecture Discussion • Explain using Charts, graphs • Models, films, slides <ul style="list-style-type: none"> • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation • Visit to old age home • Assessment of skills with check list • Assessment of patient management problem
IX	10	<ul style="list-style-type: none"> • Describe organization of critical care units • Describe the role of nurse in management of patients critical care units <p>Nursing management of patient in critical care units</p> <ul style="list-style-type: none"> • Nursing Assessment –History & Physical assessment • Classification • Principles of critical care nursing • Organization; Physical setup, Policies, staffing norms, • Protocols, equipment and supplies • Special equipments; ventilators, cardiac monitors, defibrillators, • Resuscitation equipments • Infection Control Protocols • Nursing management of critically ill patient; • Monitoring of critically ill patient • CPR-Advance Cardiac Life support • Treatments & procedures • Transitional care • Ethical & Legal Aspects • Communication with patient and family • Intensive care records • Crisis Intervention • Death & Dying-coping with

		<ul style="list-style-type: none"> Drugs used in critical care unit <p>Teaching Learning Activity</p> <ul style="list-style-type: none"> Lecture Discussion Explain using Charts, graphs Models, films, slides <ul style="list-style-type: none"> Demonstration Role plays Counseling Practice session Case discussions/ Seminar Health education Supervised clinical practice Drug book/ presentation Assess-ment of skills with check list Assessment of patient manage-ment problem
X	8	<ul style="list-style-type: none"> Describe the etiology, patho-physiology, clinical manifestations, assessment, diagnostic measures & management of patients with occupational and industrial health disorder <p>Nursing management of patients adults including elderly with Occupational and Industrial disorders</p> <ul style="list-style-type: none"> Nursing Assessment –History & Physical assessment Etiology, Pathophysiology-logy, clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing manage-ment of occupational and industrial health disorders Role of nurse <p>Special Therapies, alternative therapies Nursing procedures Drugs used in treatment of Occupational & Industrial disorders</p> <p>Teaching Learning Activity</p>

Medical Surgical Nursing – II Practical

(Adult and Geriatrics) – II

Placement : Third Year

Time : Theory – 120 hrs

Practical – 270 hrs

Clinical Training – 430 hrs

Areas	Duration (in wks)	Objectives of Posting	Skills to be developed	Assignments	Assessment methods
ENT	1	<ul style="list-style-type: none"> • Provide care to patients with ENT disorders • Counsel and educate patient and families 	<ul style="list-style-type: none"> • Perform examination of ear, nose and throat • Assist with diagnostic procedures • Assist with therapeutic procedures • Instillation of drops • Perform/assist with irrigations • Apply ear bandage • Perform tracheostomy care • Teach patients & families 	<ul style="list-style-type: none"> • Provide care to 2-3 assigned patients • Nursing care plan -1 • Observation reports of OPD • Maintain drug book 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with rating scale • Evaluation of observation report of OPD • Completion of activity record
Ophthalmology	1	<ul style="list-style-type: none"> • Provide care to patients with Eye disorders • Counsel and educate patient and families 	<ul style="list-style-type: none"> • Perform examination of eye • Assist with diagnostic procedures • Assist with therapeutic procedures • Perform/assist with irrigations • Apply eye bandage • Apply eye drops/ointments • Assist with foreign body removal • Teach patients & families 	<ul style="list-style-type: none"> • Provide care to 2-3 assigned patients • Nursing care plan -1 • Observation reports of OPD & Eye bank • Maintain drug book 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with rating scale • Evaluation of observation report of OPD /Eye bank • Completion of activity record
Neurology	2	<ul style="list-style-type: none"> • Provide care to patients with neurological disorders • Counsel 	<ul style="list-style-type: none"> • Perform Neurological Examination • Use Glasgow coma scale • Assist with diagnostic procedures • Assist with therapeutic procedures • Teach patients & 	<ul style="list-style-type: none"> • Provide care to assigned 2-3 patients with neurological disorders • Case study/ case presentation – 1 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with rating scale • 3.Evaluation of case study &

		and educate patient and families	families • Participate in rehabilitation program	• Maintains drug book • Health Teaching-1	health teaching • Completion of activity record
Gynecology ward	1	• Provide care to patients with gynecological disorders • Counsel and educate patient and families	• Assist with gynecological • Examination • Assist with diagnostic procedures • Assist with therapeutic procedures • Teach patients families • Teaching self Breast Examination • Assist with PAP smear collection	• Provide care to 2-3 assigned patients • Nursing care plan -1 • Maintain drug book	• Assess each skill with checklist • Assess performance with rating scale • Evaluation of care plan • Completion of activity record
Burns Unit	1	• Provide care to patients with Burns • Counsel and educate patient and families	• Assessment of the burns patient ○ Percentage of burns ○ Degree of burns • Fluid & electrolyte replacement therapy ○ Assess ○ Calculate ○ Replace ○ Record intake/output • Care of Burn wounds ○ Bathing ○ Dressing • Perform active & passive exercises • Practice medical & surgical asepsis • Counsel & Teach patients and families • Participate in rehabilitation program	• Provide care to 1-2 assigned patients • Nursing care plan -1 • Observation reports of Burns unit	• Assess each skill with checklist • Assess performance with rating scale • Evaluation of care plan and observation report • Completion of activity record
Onology Unit	1	• Provide care to patients with Cancer • Counsel and educate patient and families	• Screen for common cancers-TNM classification • Assist with diagnostic procedures ○ Biopsies ○ Pap smear ○ Bone-marrow aspiration • Breast examination • Assist with therapeutic	• Provide care to 2-3 assigned patients • Nursing care plan -1 • Observation report of cancer unit	• Assess each skill with checklist • Assess performance with rating scale • Evaluation of care plan and observation report

			<ul style="list-style-type: none"> procedures • Participates in various modalities of treatment <ul style="list-style-type: none"> ○ Chemotherapy ○ Radiotherapy ○ Pain management ○ Stomaltherapy ○ Hormonal therapy ○ Immuno therapy ○ Gene therapy ○ Alternative therapy • Participating palliative care • Counsel and teach patients families ○ Self Breast Examination ○ Warning signs • Participate in rehabilitation program 		<ul style="list-style-type: none"> • Completion of activity record
Critical care unit	2	<ul style="list-style-type: none"> • Provide care to critically ill patients • Counsel patient and families for grief and bereavement 	<ul style="list-style-type: none"> • Monitoring of patients in ICU • Maintain flow sheet • Care of patient on ventilators • Perform Endotracheal suction • Demonstrates use of ventilators, cardiac monitors etc. • Collect specimens and interprets ABG analysis • Assist with arterial puncture • Maintain CVP line • Pulse oximetry • CPR – ALS • Defibrillators • Pace makers • Bag-mask ventilation • Emergency tray/trolley-Crash Cart • Administration of drugs <ul style="list-style-type: none"> ○ Infusion pump ○ Epidural ○ Intra thecal ○ Intracardiac • Total parenteral therapy 	<ul style="list-style-type: none"> • Provide care to 1 assigned patient • Observation report of Critical care unit • Drugs book 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with rating scale • Evaluation of observation report • Completion of activity record

			<ul style="list-style-type: none"> • Chest physiotherapy • Perform active & passive exercises • Counsel the patient and family in dealing with grieving and bereavement 		
Casualty/ Emergency	1	<ul style="list-style-type: none"> • Provide care to patients in emergency and disaster situation • Counsel patient and families for grief and bereavement 	<ul style="list-style-type: none"> • Practice “triage” • Assist with assessment, examination, investigations & their interpretations, in emergency & disaster situations • Assist in documentations • Assist in legal procedures in emergency unit • Participate in managing crowd • Counsel patient & families in grief and bereavement 	<ul style="list-style-type: none"> • Observation report of Emergency unit 	<ul style="list-style-type: none"> • Assess performance with rating scale • Evaluation of observation report • Completion of activity record

B.SC NURSING III YEAR
Child Health Nursing

Placement : Third Year

Time : Theory - 90 hours

Practical - 270 hours

Clinical Training - 145 hours

Course 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.

Unit	Time (Hrs)	Learning Objective	Content and Teaching Learning Activities
I	15	<ul style="list-style-type: none"> • Explain the modern concept of child care & principles of child health Nursing • Describe national policy programs and legislation in relation to child health and welfare. • List major causes of death during infancy, early & late childhood • Describe the major functions and role of the paediatric nurse in caring for a hospitalized child. • Describe the principles of child health nursing 	<p>Introduction Modern concepts of childcare</p> <ul style="list-style-type: none"> • Internationally accepted rights of the Child <ul style="list-style-type: none"> • National policy & legislations in relation to child health and welfare • National programmes related to child health and welfare • Agencies related to welfare services to the children • Changing trends in hospital care, preventive, promotive& curative aspects of child health • Child morbidity and mortality rates • Differences between an adult and child • Hospital environment for a sick child • Impact of hospitalization on the child and family • Grief and bereavement • The role of a Child health nurse in caring for a hospitalised child • Principles of pre and post operative care of infants and children • Child health nursing procedures <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion • Demonstration of common paediatric procedures • Assessment of skills with checklist
II	20	<ul style="list-style-type: none"> • Describe the 	<p>The healthy child</p>

		<p>Normal growth & development of children at different ages</p> <ul style="list-style-type: none"> • Identify the needs of children at different ages & provide parental guidance • Identify the nutritional needs of children at different ages and ways of meeting the needs • Appreciate the role of play for normal & sick children • Appreciate the preventive measures and strategies for children 	<ul style="list-style-type: none"> • Principles of growth and development • Factors affecting growth & development • Growth and development from birth to adolescence • The needs of normal children through the stages of developmental and parental guidance • Nutritional needs of children & infants: breast feeding, exclusive breast feeding supplementary/artificial feeding and weaning, • Baby friendly hospital concept • Accidents: causes and prevention • Value of play and selection of play material • Preventive immunization, immunization programme and cold chain • Preventive paediatrics • Care of under five & under five clinics/well baby clinics <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion • Developmental study of infant and children • Observation on study of normal and sick child • Field visit to Anganwadi, child guidance clinic • Film show on breast feeding <p>Clinical practice /field</p> <ul style="list-style-type: none"> • Assessment of field visits and developmental study reports
III	15	<ul style="list-style-type: none"> • Provide care to normal & high risk neonates • Perform neonatal resuscitation • Recognize and manage common neonatal problems 	<p>Nursing care of a neonate</p> <ul style="list-style-type: none"> • Nursing care of a normal newborn/Essential newborn care • Neonatal resuscitation • Nursing management of a low birth weight baby • Kangaroo mother care • Nursing management of common neonatal disorders • Organization of neonatal unit • Identification & nursing management of common congenital malformations <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion • Workshop on neonatal resuscitation • Demonstration • Practice session

			<ul style="list-style-type: none"> • Clinical practice • Assessment of skills with checklist
IV	10		Integrated management of neonatal and childhood illnesses (IMNCI)
V	20	<ul style="list-style-type: none"> • Provide nursing care in common childhood diseases • Identify measures to prevent common childhood diseases including immunization 	<p>Nursing management in common childhood diseases</p> <ul style="list-style-type: none"> • Nutritional deficiency disorders • Respiratory disorders and infections • Gastrointestinal infections, infestations and congenital disorders • Cardio vascular problem: congenital defects and rheumatic fever, rheumatic heart disease • Genitor-urinary disorders: acute glomerulo nephritis, Nephrotic syndrome, Wilms' tumor, infection and congenital disorders • Neurological infections and disorders: convulsions, epilepsy, meningitis, hydrocephalus, spina-bifida • Hematological disorders : Anemias, thalassemia, ITP, Leukemia, hemophilia • Endocrine disorders: Juvenile Diabetes Mellitus • Orthopedic disorders :club feet, hip dislocation and fracture • Disorders of skin, eye, & ears • Common communicable diseases in children, their identification, nursing management in hospital and home and prevention • Child health emergencies: poisoning, foreign bodies, hemorrhage, burns & drowning • Nursing care of infant and children with HIV/AIDS <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Practice session • Clinical practice
VI	10	<ul style="list-style-type: none"> • Manage the child with behavioural & social problems • Identify the social & welfare services for challenged children 	<p>Management of behavioural& social problems in children</p> <ul style="list-style-type: none"> • Management of common behavioural disorders • Management of common psychiatric problems • Management of challenged children : Mentally, Physically, & socially challenged • Welfare services for challenged children in India • Child guidance clinics <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion • Field visits to child guidance clinics, school for mentally & physically, socially challenged • Assessment of field visits and study reports

Child Health Nursing – Practical

Placement : Third Year

Time : 270 hours (9 Weeks)

Fourth Year

Clinical Training: 145 hours (3 Weeks)

Areas	Duration (in weeks)	Objectives	Skills	Assignments	Assessment Methods
Paediatric Medicine ward	3	<ul style="list-style-type: none"> • Provide nursing care to children with various medical disorders • Counsel and educate parents 	<ul style="list-style-type: none"> • Taking paediatric History • Physical examination and assessment of children • Administer of oral, I/M & IV medicine/fluids • Calculation of fluid requirements • Prepare different strengths of I.V. fluids • Apply restraints • Administer O₂ inhalation by different methods • Give baby bath Feed children by Katori spoon, etc. • Collect specimens for common investigations • Assist with common diagnostic procedures • Teach mothers/parents <ul style="list-style-type: none"> ○ Malnutrition ○ Oral rehydration therapy ○ Feeding & Weaning ○ Immunization schedule ○ Play therapy ○ Specific Disease conditions 	<ul style="list-style-type: none"> • Give care to three assigned paediatric patients • Nursing Care Plan – 1 • Case study/presentations- 1 • Health Talk -1 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale • Assess each skill with checklist OSCE/ OSPE • Evaluation of case study/presentation & Health education session • Completion of activity record

Paediatric Surgery Ward	3	<ul style="list-style-type: none"> • Recognize different pediatric surgical conditions/ malformations • Provide pre and post operative care to children with common paediatric surgical conditions/ malformation • Counsel and educate parents 	<ul style="list-style-type: none"> • Calculate, prepare and administer I/V fluids • Do bowel wash • Care for ostomies : <ul style="list-style-type: none"> ○ Colostomy irrigation ○ Ureterostomy ○ Gastrostomy ○ Enterostomy • Urinary catheterization and drainage • Feeding <ul style="list-style-type: none"> ○ Naso-gastric ○ Gastrostomy ○ Jejunostomy • Care of surgical wounds ○ Dressing ○ Suture removal 	<ul style="list-style-type: none"> • Give care to three assigned paediatric surgical patients • Nursing Care Plan – 1 • Case study/presentation-1 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale • Assess each skill with checklist OSCE/ OSPE • Evaluation of case study/presentation • Completion of activity record
Pediatric OPD/ Immunization room	1	<ul style="list-style-type: none"> • Perform assessment of children: Health, Developmental and Anthropometric • Perform Immunization • Give Health Education /Nutritional Education 	<ul style="list-style-type: none"> • Assessment of children <ul style="list-style-type: none"> ○ Health assessment ○ Developmental assessment ○ Anthropometric assessment • Immunization • Health/Nutritional Education 	<ul style="list-style-type: none"> • Developmental study -1 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale • Completion of activity record
Pediatric medicine and surgery ICU	1+1	<ul style="list-style-type: none"> • Provide nursing care to critically ill children 	<ul style="list-style-type: none"> • Care of a baby in incubator/warmer • Care of a child on ventilator • Endotracheal suction • Chest physiotherapy • Administer fluids with infusion pump • Total parenteral nutrition • Phototherapy • Monitoring of babies • Cardio Pulmonary resuscitation 	<ul style="list-style-type: none"> • Nursing care plan 1 • Observation report 1 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale • Completion of activity record • Evaluation of observation report

Mental Health Nursing

Placement : Third Year

Practical - 270 hours
Clinical Training - 95 hours (2 weeks)

Time : Theory - 90 hours

Course Description : This course is designed for developing an understanding of the modern approach to mental health, identification, prevention and nursing management of common mental health problems with special emphasis on therapeutic interventions for individuals, family and community.

Unit	Time (Hrs)	Learning Objective	Content and Teaching Learning Activities
I	5	<ul style="list-style-type: none">• Describes the historical development & current trends in mental health nursing• Describe the epidemiology of mental health problems• Describe the National Mental Health Act, programmes and mental health policy• Discusses the scope of mental health nursing• Describe the	<p>Introduction</p> <ul style="list-style-type: none">• Perspectives of Mental Health and Mental Health nursing : evolution of mental health services, treatments and nursing practices,• Prevalence and incidence of mental health problems and disorders• Mental Health Act• National Mental health policy vis a vis National health policy• National Mental health programme• Mental Health team• Nature and scope of mental health nursing• Role and functions of mental health nurse in various settings and factors affecting the level of nursing practice• Concepts of normal and abnormal behaviour <p>Teaching Learning Activities</p> <ul style="list-style-type: none">• Lecture discussion• Assessment of field visits reports

		concept of normal & abnormal behavior	
II	5	<ul style="list-style-type: none"> • Defines the various terms used in mental health nursing • Explains the classification of mental disorders • Explain psycho dynamics of maladaptive behaviour • Discuss the etiological factors, psychopathology of mental disorders • Explain the Principles & standards of mental health nursing • Describe the conceptual models of mental health nursing 	<p>Principles and Concepts of Mental Health Nursing</p> <ul style="list-style-type: none"> • Definition: mental health nursing and terminology used • Classification of mental disorders : ICD • Review of personality development, defense mechanisms • Maladaptive behaviour of individuals and groups: stress, crisis and disaster(s) • Etiology: bio-psycho-social factors • Psychopathology of mental disorders: review of structure & function of brain, limbic system and abnormal neuro transmission • Principles of Mental health Nursing • Conceptual models and the role of nurse: <ul style="list-style-type: none"> ○ Existential Model ○ Psycho-analytical models ○ Behavioural model ○ Interpersonal model <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture discussion • Explain using charts • Review of personality development
III	8	<ul style="list-style-type: none"> • Describe nature, purpose & process of assessment of mental health status 	<p>Assessment of mental health status</p> <ul style="list-style-type: none"> • History taking • Mental status examination • Mini mental status examination • Neurological examination : review • Investigations : Related Blood chemistry, EEG, CT & MRI • Psychological tests Role and responsibilities of nurse <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Clinical practice

			<ul style="list-style-type: none"> Assessment of skills with checklist
IV	6	<ul style="list-style-type: none"> Identify therapeutic communication techniques Describe therapeutic relationship Describe therapeutic impasse and its intervention 	<p>Therapeutic communication and nurse-patient relationship</p> <ul style="list-style-type: none"> Therapeutic communication: types, techniques, characteristics Types of relationship, Ethics and responsibilities Elements of nurse patient contract Review of technique of IPR-Johari Window Goals, phases, tasks, therapeutic techniques Therapeutic impasse and its intervention <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> Lecture discussion Demonstration Role play Process recording
V	14	<ul style="list-style-type: none"> Explain treatment modalities & therapies used in mental disorders and role of the nurse 	<p>Treatment modalities and therapies used in mental disorders</p> <ul style="list-style-type: none"> Psycho Pharmacology Psychological therapies: Therapeutic community, psycho therapy-individual: psycho-analytical, cognitive & supportive, Family, Group, behavioural. Play, Psycho-drama, Music, Dance, Recreational & Light therapy, Relaxation therapies : Yoga, Meditation, bio feedback Alternative systems of medicine Occupational therapy Physical Therapy: electro convulsive therapy Geriatric considerations <p>Role of nurse in above therapies</p> <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> Lecture discussion Demonstration Group work Practice session Clinical practice
VI	5	<ul style="list-style-type: none"> Describe the etiology, psycho-pathology, clinical manifestations, diagnostic criteria & management of patients with Schizophrenia 	<p>Nursing management of patient with Schizophrenia, and other psychotic disorders</p> <ul style="list-style-type: none"> Classification: ICD Etiology, psycho-pathology, types, clinical manifestations, diagnosis Nursing Assessment - History, Physical & mental assessment Treatment modalities and nursing management of patients with Schizophrenia & other psychotic disorders Geriatric considerations Follow up and home care and rehabilitation

		a, and other psychotic disorders	<p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture discussion • Case discussion • Case presentation • Clinical practice • Assessment of patient management problems
VII	5	• Describe the etiology psycho-pathology, clinical manifestations, diagnostic criteria and management of patients with mood disorders	<p>Nursing management of patient with mood disorders</p> <ul style="list-style-type: none"> • Mood disorders: Bipolar affective disorder, Mania depression &dysthemiaetc • Etiology, psycho-pathology, clinical manifestations, diagnosis, • Nursing Assessment –History, Physical and mental assessment • Treatment modalities and nursing management of patients with mood disorders • Geriatric considerations • Follow-up and home care and rehabilitation <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture discussion • Case discussion • Case presentation • Clinical practice • Assessment of patient management problems
VIII	8	• Describe the etiology , psycho-pathology, clinical manifestations, diagnostic criteria and management of patients with neurotic, stress related and somatization disorders	<p>Nursing management of patient with neurotic, stress related and somatization disorders</p> <ul style="list-style-type: none"> • Anxiety disorder, Phobias, Dissociation and Conversion disorder, Obsessive compulsive disorder, somatoform disorders, Post traumatic stress disorder • Etiology, psycho-pathology, clinical manifestations, diagnosis • Nursing Assessment-History, Physical & mental assessment • Treatment modalities and nursing management of patients with neurotic, stress related and somatization disorders • Geriatric considerations • Follow-up and home care and rehabilitation <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture discussion • Case discussion • Case presentation • Clinical practice • Assessment of patient management problems
IX	5	• Describe the etiology psycho-pathology, clinical	<p>Nursing management of patient with substance use disorders</p> <ul style="list-style-type: none"> • Commonly used psychotropic substance: Classification, forms, routes, action, intoxication & withdrawal

		manifestations, diagnostic criteria and management of patients with substance use disorders	<ul style="list-style-type: none"> • Etiology of dependence: tolerance, psychological and physical dependence, withdrawal syndrome, diagnosis, • Nursing Assessment - History, Physical, mental assessment and drug assay • Treatment (detoxification, antabuse and narcotic antagonist therapy and harm reduction) & nursing management of patients with substance use disorders • Geriatric considerations • Follow-up and home care and rehabilitation <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture discussion • Case discussion • Case presentation • Clinical practice • Assessment of patient management problems
X	4	<ul style="list-style-type: none"> • Describe the etiology psycho-pathology, clinical manifestations, diagnostic criteria and management of patients with personality, Sexual & Eating disorders 	<p>Nursing management of patient with Personality, Sexual & Eating disorders</p> <ul style="list-style-type: none"> • Classification of disorders • Etiology, psycho-pathology, characteristics, diagnosis, • Nursing assessment-History, Physical and mental assessment • Treatment modalities and nursing management of patients with Personality, Sexual & Eating disorders • Geriatric considerations • Follow-up and home care and rehabilitation <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture discussion • Case discussion • Case presentation • Clinical practice • Assessment of patient management problems
XI	6	<ul style="list-style-type: none"> • Describe the etiology psycho-pathology, clinical manifestations, diagnostic criteria and management of childhood and adolescent disorders including 	<p>Nursing management of child-hood and adolescent disorders including mental deficiency</p> <ul style="list-style-type: none"> • Classification • Etiology, psycho-pathology, characteristics, diagnosis, Nursing assessment-History, Physical, mental and IQ assessment • Treatment modalities and nursing management of childhood disorders including mental deficiency • Follow-up and home care and rehabilitation <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture discussion • Case discussion • Case presentation • Clinical practice

		mental deficiency	<ul style="list-style-type: none"> Assessment of patient management problems
XII	5	<ul style="list-style-type: none"> Describe the etiology, psycho-pathology, clinical manifestations, diagnostic criteria and management of organic brain disorders 	<p>Nursing management of organic brain disorders</p> <ul style="list-style-type: none"> Classification : ICD? Etiology, psycho-pathology, clinical features, diagnosis, and Differential diagnosis (parkinsons and alzheimers) Nursing assessment-History, Physical, mental and neurological assessment Treatment modalities and nursing management of organic brain disorders Geriatric considerations Follow-up and home care and rehabilitation <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> Lecture discussion Case discussion Case presentation Clinical practice Assessment of patient management problems
XIII	6	<ul style="list-style-type: none"> Identify psychiatric emergencies and carry out crisis intervention 	<p>Psychiatric emergencies and crisis intervention</p> <ul style="list-style-type: none"> Types of psychiatric emergencies and their management Stress adaptation Model: stress and stressor, coping, resources and mechanism Grief: theories of grieving process, principles, techniques of counseling Types of crisis Crisis Intervention: Principles, Techniques and Process Geriatric considerations <p>Role and responsibilities of nurse</p> <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> Lecture discussion Demonstration Practice session Clinical practice
XIV	4	<ul style="list-style-type: none"> Explain legal aspects applied in mental health settings and role of the nurse 	<p>Legal issued in Mental Health Nursing</p> <ul style="list-style-type: none"> The Mental Health Act 1987: Act, sections, Articles & their implications etc. Indian Lunacy Act 1912 Rights of mentally ill clients Forensic psychiatry Acts related to narcotic and psychotropic substances and illegal drug trafficking Admission and discharge procedures <p>Role and responsibilities of nurse</p>

			<p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture discussion • Case discussion
XV	4	<ul style="list-style-type: none"> • Describe the model of preventive psychiatry • Describes Community Mental health services & role of the nurse 	<p>Community Mental Health Nursing</p> <ul style="list-style-type: none"> • Development of Community Mental Health Services: • National Mental Health Programme • Institutionalization Versus Deinstitutionalization • Model of Preventive Psychiatry: Levels of Prevention • Mental Health Services available at the primary, secondary, tertiary levels including rehabilitation and Role of nurse • Mental Health Agencies: Government and voluntary, National and International • Mental health nursing issues for special populations: Children, Adolescence, Women, Elderly, Victims of violence and abuse, Handicapped, HIV/AIDS etc. <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture discussion • Clinical/ field practice • Field visits to mental health service agencies • Assessment of field reports

Mental Health Nursing – Practical

Placement : Third Year

Time :

Practical - 270 hours (9 Weeks)

Clinical Training - 95 hours (2 Weeks)

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
Psychiatric OPD	1	<ul style="list-style-type: none"> • Assess patients with mental health problems • Observe & assist in therapies • Counsel & educate patient, & families 	<ul style="list-style-type: none"> • History taking • Perform mental status examination (MSE) • Assist in Psychometric assessment • Perform Neurological examination • Observe and assist in therapies • Teach patients and family members 	<ul style="list-style-type: none"> • History taking and mental status examination – 2 • Health education - 1 • Observation report of OPD 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of health education • Assessmen

					<p>t of observatio n report</p> <ul style="list-style-type: none"> • Completi on of activity record
Child Guidance clinic	1	<ul style="list-style-type: none"> • Assessment of children with various mental health problems • Counsel and educate children, families & significant others 	<ul style="list-style-type: none"> • History taking • Assist in psychometric assessment • Observe and assist in various therapies • Teach family and significant others 	<ul style="list-style-type: none"> • Case work – 1 • Observatio n report of different therapies - 1 	<ul style="list-style-type: none"> • Assess performan ce with rating scale • Assess each skill with checklist • Evaluation of the observatio n report
Inpatient ward	6	<ul style="list-style-type: none"> • Assess patients with mental health problems • To provide nursing care for patients with various mental health problems • Assist in various therapies • Counsel & educate patients, families & significant others 	<ul style="list-style-type: none"> • History taking • Perform mental status examination (MSE) • Perform Neurological examination • Assist in psychometric assessment • Record therapeutic communication • Administer medications • Assist in Electro- convulsive therapy nb(ECT) • Participate in all therapies • Prepare patients for Activi-ties of Daily living (ADL) • Conduct admission and discharge counseling • Counsel and teach patients and families 	<ul style="list-style-type: none"> • Give care to 2-3 patients with various mental disorders • Case study-1 • Care plan-2 • Clinical Presentation - 1 • Process recording 2 • Maintain drug book 	<ul style="list-style-type: none"> • Assess performa nce with rating scale • Assess each skill with checklist • Evaluation of the case study, care plan, clinical presentatio n, process recording • Completi on of activity record
Commu nity Psychiatry	1	<ul style="list-style-type: none"> • To identify patients with various mental disorders • To motivate patients for 	<ul style="list-style-type: none"> • Conduct case work • Identify individuals with mental health problems • Assists in mental health camps and clinics • Counsel and Teach 	<ul style="list-style-type: none"> • Case work – 1 • Observatio n report on field visits 	<ul style="list-style-type: none"> • Assess perf orm ance with rating scale • Evaluation of case

		<p>early treatment & follow up</p> <ul style="list-style-type: none"> • To assist in follow up clinic • Counsel and educate patient, family and community 	<p>family members, patients and community</p>		<p>work and observation report</p> <ul style="list-style-type: none"> • Completion of activity record
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Midwifery and Obstetrical Nursing

Placement : Third Year

Time : Theory - 90 hours

Practical - 180 hours

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

Unit	Time (Hrs)	Learning Objective	Content and Teaching Learning Activities
I	3	<ul style="list-style-type: none"> • Recognise the 	<p>Introduction to midwifery and obstetrical Nursing</p> <ul style="list-style-type: none"> • Introduction to concepts of midwifery and

		trends & issues in midwifery and obstetric al nursing	<ul style="list-style-type: none"> obstetrical Nursing Trends in midwifery and obstetrical nursing Historical perspectives and current trends Legal and ethical aspects Pre-conception care and preparing for parenthood Role of nurse in midwifery and obstetrical care National policy and legislation in relation to maternal health & welfare Maternal, morbidity, mortality and fertility rates Perinatal, morbidity and mortality rates <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> Lecture discussion Explain using Charts and graphs
II	8	<ul style="list-style-type: none"> Describe the anatomy & physiolo gy of female reproduc -tive system 	<p>Review of anatomy & physiology of female reproductive system and foetal development</p> <ul style="list-style-type: none"> Female pelvis- general description of the bones joints, ligaments, planes of the pelvis diameters of the true pelvis, important landmarks, variations in pelvis shape Female organs of reproduction - external genitalia, internal genital organs and their anatomical relations, musculature – blood supply, nerves, lymphatics, pelvic cellular tissue, pelvic peritoneum Physiology of menstrual cycle Human sexuality Foetal development Conception Review of fertilization, implantation (embedding of the ovum), development of the embryo & placenta at term functions, abnormalities, the foetal sac, amniotic fluid, the umbilical chord, Foetal circulation, foetal skull, bones, sutures and measurements Review of Genetics <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> Lecture discussion Review with Charts and models
III	8	<ul style="list-style-type: none"> Describe the diagnosis & manage-ment of women during antenatal period 	<p>Assessment and management of pregnancy (ante-natal)</p> <ul style="list-style-type: none"> Normal pregnancy Physiological changes during pregnancy Reproductive system Cardio vascular system Respiratory system Urinary system Gastero intestinal system Metabolic changes Skeletal changes Skin changes

- Endocrine system
- Psychological changes
- Discomforts of pregnancy
- Diagnosis of pregnancy
- Signs
- Differential diagnosis
- Confirmatory tests
- Ante-natal care
- Objectives
- Assessment
 - History and physical examination
 - Antenatal Examination
 - Signs of previous child-birth
 - Relationship of foetus to uterus and pelvis : Lie, Attitude, Presentation, Position
 - Per vaginal examination
- Screening & assessment for high risk;
- Risk approach
- History and Physical Examination
- Modalities of diagnosis; Invasive & Non-Invasive, ultrasonics, cardiotomo-graphy , NST, CST
- Antenatal preparation
 - Antenatal counseling
 - Antenatal exercises
 - Diet
 - Substance use
 - Education for child-birth
 - Husband and families
 - Preparation for safe-confinement
 - Prevention from radiation
- Psycho-social and cultural aspects of pregnancy
 - Adjustment to pregnancy
 - Unwed mother
 - Single parent
 - Teenage pregnancy
 - Sexual violence
- Adoption

Teaching Learning Activities

- Lecture Discussion
- Demonstration
- Case discussion/ presentation
- Health talk
- Practice session
- Counseling session
- Supervised Clinical practice
- Assessment of skills with checklist

			<ul style="list-style-type: none"> • Assessment of patient management problems
IV	12	<ul style="list-style-type: none"> • Describe the physiology and stages of labour • Describe the management of women during intra-natal period 	<p>Assessment and management of intra-natal period</p> <ul style="list-style-type: none"> • Physiology of labour, mechanism of labour • Management of labour <ul style="list-style-type: none"> ○ First stage <ul style="list-style-type: none"> - Signs and symptoms of onset of labour; normal & abnormal - Duration - Preparation of: <ul style="list-style-type: none"> ➢ Labour room ➢ Woman - Assessment & observation of women in labour ; partogram – maternal and foetal monitoring - Active management of labour, Induction of labour - Pain relief and comfort in labour • Second stage <ul style="list-style-type: none"> ○ Signs and symptoms; normal & abnormal ○ Duration ○ Conduct of delivery ; principles and techniques ○ Episiotomy (only if required) ○ Receiving the new born <ul style="list-style-type: none"> - Neonatal resuscitation ; initial steps and subsequent resuscitation - Care of umbilical cord - Immediate assessment including screening for congenital anomalies - Identification - Bonding - Initiate feeding - Screening and transport-tation of the neonate • Third stage <ul style="list-style-type: none"> ○ Signs and symptoms; normal & abnormal ○ Duration ○ Method of placental expulsion ○ Management; Principles and techniques ○ Examination of the placenta ○ Examination of perineum • Maintaining records and reports • Fourth Stage <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Case discussion/ presentation • Simulated practice • Supervised Clinical practice • Assessment of skills with checklist • Assessment of patient management problems

V	5	<ul style="list-style-type: none"> • Describe the physiology of puerperium • Describe the management of women during postnatal period 	<p>Assessment and management of women during postnatal period</p> <ul style="list-style-type: none"> • Normal puerperium; Physiology Duration • Postnatal assessment and management <ul style="list-style-type: none"> ○ Promoting physical and emotional well-being ○ Lactation management ○ Immunization • Family dynamics after child-birth • Family welfare services; methods, counselling • Follow-up • Records and reports <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Health talk • Practice session • Supervised Clinical practice • Assessment of patient management problems • Assessment of skills with checklist
VI	6	<ul style="list-style-type: none"> • Describe the Identification and management of women with high risk pregnancy 	<p>Assessment and management of normal neonates</p> <ul style="list-style-type: none"> • Normal Neonate: <ul style="list-style-type: none"> ○ Physiological adaptation, ○ Initial & Daily assessment ○ Essential newborn care ; Thermal control, ○ Breast feeding, prevention of infections • Immunization • Minor disorders of newborn and its management • Levels of Neonatal care (level I, II, & III) • At primary, secondary and tertiary levels • Maintenance of Reports and Records <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Practice Session • Supervised Clinical practice
VII	10	<ul style="list-style-type: none"> • Describe the Identification and management of women with high risk 	<p>High-risk pregnancy-assessment & management</p> <ul style="list-style-type: none"> • Screening and assessment <ul style="list-style-type: none"> ○ Ultrasonics, cardiotomo-graphy, NST, CST, non-invasive & invasive, ○ Newer modalities of diagnosis • High-risk approach • Levels of care; primary, secondary & tertiary levels • Disorders of pregnancy <ul style="list-style-type: none"> ○ Hyper-emesis gravidarum, bleeding in early

		pregnancy	<ul style="list-style-type: none"> pregnancy, abortion, ectopic ○ Pregnancy, vesicular mole, ○ Ante-partum haemorrhage ● Uterine abnormality and displacement ● Diseases complicating pregnancy ○ Medical and surgical conditions ○ Infections, RTI(STD), UTI, HIV, TORCH ○ Gynaecological diseases complicating pregnancy ○ Pregnancy induced hypertension & diabetes, Toxemia of pregnancy, hydramnios, ○ Rh incompatibility ○ Mental disorders ● Adolescent pregnancy, Elderly primi and grand multipara ● Multiple pregnancy ● Abnormalities of placenta & cord ● Intra-uterine growth-retardation ● Nursing management of mothers with high-risk pregnancy ● Maintenance of Records and Report <p><i>Teaching Learning Activities</i></p> <ul style="list-style-type: none"> ● Lecture Discussion ● Demonstrate using video films, scan reports, photograph etc ● Case discussion/ presentation ● Health talk ● Practice Session ● Supervised Clinical practice ● Assessment of skills with checklist ● Assessment of skills with checklist
VIII	10	<ul style="list-style-type: none"> ● Describe management of abnormal labour ● And obstetric al emergencies 	<p>Abnormal Labour – assessment and management</p> <ul style="list-style-type: none"> ● Disorders in labour <ul style="list-style-type: none"> ○ CPD and contracted pelvis ○ Malpositions and malpresentations ○ Premature labour, disorders of uterine actions- precipitate labour, prolonged labour ○ Complications of third stage: injuries to birth canal ● Obstetrical procedures and operations; <ul style="list-style-type: none"> ○ Presentation and prolapse of cord, Vasa praevia, amniotic fluid embolism, rupture of uterus, shoulder dystocia, obstetrical shock ● Obstetrical procedures and operations; <ul style="list-style-type: none"> ○ Induction of labour, forceps, vacuum version, manual removal of placenta, caesarean section, destructive operations ● Nursing management of women undergoing Obstetrical operations & procedures

			<p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Case discussion/ presentation • Practice Session • Supervised Clinical practice • Assessment of skills with checklist • Assessment of patient management problems
IX	4	<ul style="list-style-type: none"> • Describe management of post natal complications 	<p>Abnormalities during Postnatal Periods</p> <ul style="list-style-type: none"> • Assessment and management of women with postnatal complications <ul style="list-style-type: none"> ○ Puerperal infections, breast engorgement & infections, UTI, thrombo- Embolic disorders, post-partum haemorrhage, Eclampsia&subinvolution ○ Psychological complications: <ul style="list-style-type: none"> - Post partum Blues - Post partum Depression - Post partum Psychosis
X	10	<ul style="list-style-type: none"> • Identify the high risk neonates and their nursing management 	<p>Assessment and management of High risk newborn</p> <ul style="list-style-type: none"> • Admission of neonates in the neonatal intensive care units- protocols • Nursing management of : <ul style="list-style-type: none"> - Low birth weight babies - Infections - Respiratory problems - haemolytic disorders - Birth injuries - Malformations • Monitoring of high risk neonates • Feeding of high risk neonates • Organisation& management of neonatal intensive care units • Infection control in neonatal intensive care units • Maintenance of reports and records
XI	4	<ul style="list-style-type: none"> • Describe indication, dosage, action, side effects and nurses responsibilities in the administration of drugs 	<p>Pharmaco-therapeutics in obstetrics</p> <ul style="list-style-type: none"> • Indication, dosage, action, contra indication & side effects of drugs • Effect of drugs on pregnancy, labour&puerperium, • Nursing responsibilities in the administration of drug in Obstetrics – oxytocins, antihypertensives, diuretics, toco-lytic agents, anti-convulsants; • Analgesics and anesthetics in obstetrics • Effects of maternal medication on foetus& neonate <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> • Lecture discussion • Drug book

		used for mothers	<ul style="list-style-type: none"> Drug presentation
XII	10	<ul style="list-style-type: none"> Appreciate the importance of family welfare programme Describe the methods of contraception & role of nurse in family welfare programme 	<p>Family Welfare Programme</p> <ul style="list-style-type: none"> Population trends and problems in India Concepts, aims, importance & history of family welfare programme National Population: dynamics, policy & education National family welfare programme; RCH, ICDS, MCH Safe motherhood Organization & administration at national, state, district, block and village levels Methods of contraception; spacing, temporary & permanent, Emergency contraception Infertility and its management Counseling for family welfare Latest research in contraception Maintenance of vital statistics Role of national, international & voluntary organizations Role of a nurse in family welfare programme Training/Supervision/Collaboration with other functionaries in community like ANMs, LHVAs, Anganwadi workers, TBAs (Traditional birth attendant- Dai) <p>Teaching Learning Activities</p> <ul style="list-style-type: none"> Lecture Discussion Demonstration Practice session Assessment of skills with checklist Assessment of field visits and project reports

Midwifery and Obstetrical Nursing – Practical

Placement: Third Year & Fourth Year

Time: Practical - 180 hours each in Third year & Fourth Year

Clinical Training - 240 hours

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
Antenatal clinic/ OPD	2	<ul style="list-style-type: none"> Assessment of pregnant woman 	<ul style="list-style-type: none"> Antenatal history taking Physical examination Recording of Weight & B.P. Hb& Urine testing for sugar and albumin Antenatal examination- abdomen and breast Immunization Assessment of risk status Teaching antenatal mothers Maintenance of Antenatal records 	<ul style="list-style-type: none"> *Conduct Antenatal Examination s 30 Health talk – 1 Case book recordings 	<ul style="list-style-type: none"> Verification of findings of Antenatal examinations Completion of casebook recordings
Labour room O.T.	4	<ul style="list-style-type: none"> Assess woman in labour Carry out per-vaginal examinations Conduct normal deliveries Perform episiotomy & suture it Resuscitate newborns Assist with Caesarean sections Witness abnormal deliveries Assist with MTP & other surgical procedures Assist with 	<ul style="list-style-type: none"> Assessment of women in labour Pervaginal examinations & interpretation Monitoring & caring of woman in labour Maintenance of partograph Conduct normal delivery Newborn assessment & immediate care Resuscitation of newborns Assessment of risk status of newborn Episiotomy & suturing Maintenance of labour & birth records Arrange for & assist with Caesarean section and care for woman & baby during Caesarean Arrange for and assist with MTP and other surgical procedures 	<ul style="list-style-type: none"> * Conduct normal deliveries- 20 * Pervaginal examinations - 5 * Perform & suture the epi - siotomies-5 Resuscitate newborns-5 * Assist with Caesarean sections-2 * Witness abnormal deliveries-5 Assist with MTP & other surgical procedures- 1 Case book recordings 	<ul style="list-style-type: none"> Assessment of clinical performance with rating scale Assessment of each skill with checklists Completion of case book recordings

		Caesar ean Sectio ns, MTP and other surgic al proced ures			
Post natal ward	4	<ul style="list-style-type: none"> Providing nursing care to postnatal mother & baby Counsel & teach mother & family for parent hood 	<ul style="list-style-type: none"> Examination and assessment of mother and baby Identification of deviations Care of postnatal mother and baby Perineal care Lactation management Breast feeding Baby bath Immunization, Teaching postnatal mother: <ul style="list-style-type: none"> Mother craft Post natal care & Exercises Immunization 	<ul style="list-style-type: none"> * Give care to Post natal mothers - 20 Health talks – 1 Case study – Case presentation -1 Case book recordings 	<ul style="list-style-type: none"> Assessment of clinical performance Assessment of each skill with checklists Completion of case book recording Evaluation of case study & presentation and health education sessions
Newborn nursery	2	<ul style="list-style-type: none"> Provide nursing care to newborn at risk 	<ul style="list-style-type: none"> Newborn assessment Admission of neonates Feeding of at risk neonates <ul style="list-style-type: none"> Katori spoon, paladi, tube feeding, total parenteral nutrition Thermal management of neonates-kangaroo mother care, care of baby in incubator Monitoring and care of neonates Administering medications Intravenous therapy Assisting with diagnostic procedure Assisting with exchange transfusion Care of baby on ventilator Phototherapy Infection control protocols in the nursery 	<ul style="list-style-type: none"> Case study- 1 Observation study -1 	<ul style="list-style-type: none"> Assessment of clinical performance Assessment of each skill with checklists Evaluation of and observation study

			<ul style="list-style-type: none"> • Teaching & counselling of parents • Maintenance of neonatal records 		
Family Planning clinic	Rotation from post natal ward 1 wk	<ul style="list-style-type: none"> • Counsellor for and provide family welfare services 	<ul style="list-style-type: none"> • Counselling technique • Insertion of IUD • Teaching on use of family planning methods • Arrange for & Assist with family planning operations • Maintenance of records and reports 	<ul style="list-style-type: none"> • * IUD insertion -5 • Observation study -1 • Counselling -2 • Simulation exercise on recording & reporting - 1 	<ul style="list-style-type: none"> • Assessment of each skill with checklists • Evaluation of and observation study

