

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)	<p>Explain the modern concept of child-care</p> <p>Describe National policy, programs and legislation in relation to child health & welfare</p> <p>Describe role of preventive pediatrics</p>	<p>Introduction: Modern concepts of child-care</p> <ul style="list-style-type: none"> • 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> <ul style="list-style-type: none"> ○ Concept ○ Immunization ○ Immunization programs and cold 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration of common pediatric procedures 	<ul style="list-style-type: none"> • Short answer • Objective type • Assessment of skills with checklist

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		<p>List major causes of death during infancy, early & late childhood</p> <p>Differentiate between an adult and child in terms of illness and response</p> <p>Describe the major functions & role of the pediatric nurse in caring for a hospitalized child.</p> <p>Describe the principles of child health nursing and perform child health nursing procedures</p>	<p>chain.</p> <ul style="list-style-type: none"> ○ Care of under-five and Under-five Clinics/Well-baby clinics ○ 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. <p><i>Child Health Nursing procedures:</i></p> <ul style="list-style-type: none"> ● Administration of medication: oral, I/M, & I/V ● Calculation of fluid requirement ● Application of restraints ● Assessment of pain in children. <ul style="list-style-type: none"> ○ FACES pain rating scale ○ FLACC scale ○ Numerical scale 		
II	12 (T)	<p>Describe the normal growth and development of children at different ages</p> <p>Identify the needs of children at different ages & provide parental guidance</p> <p>Identify the nutritional needs of children at different ages & ways</p>	<p>The Healthy Child</p> <ul style="list-style-type: none"> ● 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 	<ul style="list-style-type: none"> ● 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 	<ul style="list-style-type: none"> ● Short answer ● Objective type ● Assessment of field visits and developmental study reports

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		of meeting needs Identify the role of play for normal & sick children	<ul style="list-style-type: none"> • Nutritional needs of children and infants <ul style="list-style-type: none"> - breast feeding - exclusive breast feeding - Supplementary/artificial feeding and weaning • Baby friendly hospital concept • Types and value of play and selection of play material 	<ul style="list-style-type: none"> • Clinical practice/field 	
III	15 (T) 20 (L)	Provide care to normal and high- risk neonates Perform neonatal resuscitation Recognize and manage common neonatal problems	<p>Nursing care of neonate:</p> <ul style="list-style-type: none"> • Appraisal of Newborn • 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 <ul style="list-style-type: none"> - Hyperbilirubinemia - Hypothermia - Hyperthermia - Metabolic disorder - Neonatal infections - Neonatal seizures - Respiratory distress syndrome - Retinopathy of Prematurity • Organization of neonatal care unit • Neonatal equipment 	<ul style="list-style-type: none"> • Modular based teaching: ENBC and FBNC module (oral drills, videos, self-evaluation exercises) • Workshop on neonatal resuscitation: NRP module • Demonstration • Practice Session • Clinical practice • Lecture Discussion 	<ul style="list-style-type: none"> • OSCE • Short answer • Objective type
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 <ul style="list-style-type: none"> • Clinical practice/field 	<ul style="list-style-type: none"> • OSCE
V	8 (T)	Describe the etiology, pathophysiology, clinical manifestation and nursing management of children with disorders of respiratory, and endocrine system	<p>Nursing management in common childhood diseases</p> <p>Respiratory system:</p> <ul style="list-style-type: none"> • Identification and Nursing management of congenital malformations • Congenital disorders: Tracheoesophageal fistula, Diaphragmatic hernia 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Practice session • Clinical practice 	<ul style="list-style-type: none"> • Short answer • Objective type • Assessment of skills with checklist

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> • Others: Acute naso-pharyngitis, Tonsillitis, Croup, Bronchitis, Bronchiolitis, Pneumonia, Asthma Endocrine system: <ul style="list-style-type: none"> • Juvenile Diabetes mellitus, Hypo-thyroidism 		
VI	5 (T) 5 (L)	Develop ability to meet child- hood emergencies and perform child CPR	<p>Childhood emergencies</p> <ul style="list-style-type: none"> • Accidents – causes and prevention, Poisoning, Foreign bodies, Hemorrhage, Burns and Drowning • PLS (AHA Guidelines) 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> ● Provide nursing care to children with various medical disorders 	<ul style="list-style-type: none"> ● 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 <ul style="list-style-type: none"> ○ Malnutrition ○ Oral rehydration therapy ○ Feeding & Weaning ○ Immunization schedule ● Play therapy 	<ul style="list-style-type: none"> ● Nursing care plan – 1 ● Case study presentation – 1 ● Health talk – 1 	<ul style="list-style-type: none"> ● 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 VI Sem – 1 week	<ul style="list-style-type: none"> ● Recognize different pediatric surgical conditions/ malformations ● Provide pre & post-operative care to children with common paediatric surgical conditions/ malformation ● Counsel & educate parents 	<ul style="list-style-type: none"> ● Calculation, preparation & administration of I/V fluids ● Bowel wash, insertion of suppositories ● Care for ostomies: <ul style="list-style-type: none"> ○ Colostomy Irrigation ○ Ureterostomy ○ Gastrostomy ○ Enterostomy ● Urinary catheterization & drainage ● Feeding <ul style="list-style-type: none"> ○ Naso-gastric ○ Gastrostomy 	<ul style="list-style-type: none"> ● Nursing care plan – 1 ● Case study/ presentation – 1 	<ul style="list-style-type: none"> ● Assess performance with rating scale ● Assess each skill with checklist OSCE/OSPE ● Evaluation of case study/ presentation ● Completion of activity record

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
			<ul style="list-style-type: none"> ○ Jejunostomy ● Care of surgical wounds ○ Dressing ○ Suture removal 		
Pediatric OPD/ Immunization room	V Sem – 1 week	<ul style="list-style-type: none"> ● Perform assessment of children: health, developmental & 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 ○ Nutritional assessment ● Immunization ● Health/Nutritional education 	<ul style="list-style-type: none"> ● Growth and developmental study: <ul style="list-style-type: none"> Infant – 1 Toddler – 1 Preschooler – 1 Schooler – 1 Adolescent – 1 	<ul style="list-style-type: none"> ● Assess performance with rating scale ● Completion of activity record.
NICU & PICU	VI Sem – 1 week	<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, CPAP ● Endotracheal Suction ● Chest Physiotherapy ● Administration of fluids with infusion pumps ● Total Parenteral Nutrition ● Phototherapy ● Monitoring of babies ● Recording & reporting ● Cardiopulmonary Resuscitation (PLS) 	<ul style="list-style-type: none"> ● Newborn assessment – 1 ● Nursing Care Plan – 1 	<ul style="list-style-type: none"> ● 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)	<p>Describe the historical development & current trends in mental health nursing</p> <p>Discuss the scope of mental health nursing</p> <p>Describe the concept of normal & abnormal behaviour</p>	<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 • 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 	<ul style="list-style-type: none"> • Lecture cum Discussion 	<ul style="list-style-type: none"> • Essay • Short answer
II	10 (T)	<p>Define the various terms used in mental health Nursing</p> <p>Explain the classification of mental disorders</p> <p>Explain the psychodynamics of maladaptive behaviour</p> <p>Discuss the etiological factors & psychopathology of mental disorders</p> <p>Explain the principles and standards of Mental health Nursing</p> <p>Describe the conceptual models of mental health nursing</p>	<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: ICD11, DSM5, Geropsychiatry manual classification • 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: <ul style="list-style-type: none"> ○ Existential model 	<ul style="list-style-type: none"> • Lecture cum Discussion • Explain using Charts • Review of personality development 	<ul style="list-style-type: none"> • Essay • Short answer

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> ○ Psychoanalytical models ○ Behavioural model ○ Interpersonal model ● Preventive psychiatry and rehabilitation 		
III	6 (T)	Describe nature, purpose and process of assessment of mental health status	<p>Mental Health Assessment</p> <ul style="list-style-type: none"> ● History taking ● Mental status examination ● Mini mental status examination ● Neurological examination ● Investigations: Related Blood chemistry, EEG, CT & MRI ● Psychological tests 	<ul style="list-style-type: none"> ● Lecture cum Discussion ● Demonstration ● Practice session ● Clinical practice 	<ul style="list-style-type: none"> ● Essay ● Short answer ● Assessment of mental health status
IV	6 (T)	<p>Identify therapeutic communication & techniques</p> <p>Describe therapeutic relationship</p> <p>Describe therapeutic impasses and its interventions</p>	<p>Therapeutic Communication and Nurse-Patient Relationship</p> <ul style="list-style-type: none"> ● 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 	<ul style="list-style-type: none"> ● Lecture cum Discussion ● Demonstration ● Role Play ● Process recording ● Simulation (video) 	<ul style="list-style-type: none"> ● Essay ● Short answer ● OSCE
V	10 (T)	Explain treatment modalities and 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"> ● 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 	<ul style="list-style-type: none"> ● Lecture cum Discussion ● Demonstration ● Group work ● Practice session ● Clinical practice 	<ul style="list-style-type: none"> ● Essay ● Short answer ● Objective type
VI	8 (T)	Describe the etiology, psycho-dynamics/ pathology, clinical manifestations, diagnostic criteria and management of patients with Schizophrenia, and other psychotic disorders	<p>Nursing management of patient with Schizophrenia, and other psychotic disorders</p> <ul style="list-style-type: none"> ● Prevalence and incidence ● Classification ● Etiology, psychodynamics, clinical manifestation, diagnostic criteria/formulations 	<ul style="list-style-type: none"> ● Lecture and Discussion ● Case discussion ● Case presentation ● Clinical practice 	<ul style="list-style-type: none"> ● Essay ● Short answer ● Assessment of patient management problems

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			<p>Nursing process</p> <ul style="list-style-type: none"> • 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 		
VII	6 (T)	Describe the etiology, psycho-dynamics, 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"> • Prevalence and incidence • Mood disorders: Bipolar affective disorder, mania depression and dysthymia etc. • Etiology, psycho dynamics, 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 	<ul style="list-style-type: none"> • Lecture and Discussion • Case discussion • Case presentation • Clinical practice 	<ul style="list-style-type: none"> • Essay • Short answer • Assessment of patient management problems
VIII	8 (T)	Describe the etiology, psycho-dynamics, 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 somatisation disorders</p> <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Lecture and Discussion • Case discussion • Case presentation • Clinical practice 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Assess patients with mental health problems • Observe and assist in therapies • Counsel and educate patients, and families 	<ul style="list-style-type: none"> • History taking • Perform mental status examination (MSE) • Observe/practice Psychometric assessment • Perform Neurological examination • Observing and assisting in therapies • Individual and group psycho-education <ul style="list-style-type: none"> ▪ Mental hygiene practice education ▪ Family psycho-education 	<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 • Assessment of observation report • Completion of activity record
Child Guidance clinic	1	<ul style="list-style-type: none"> • Assess children with various mental health problems • Counsel and educate children, families and significant others 	<ul style="list-style-type: none"> • History & mental status examination • Observe/practice psychometric assessment • Observe and assist in various therapies • Parental teaching for child with mental deficiency 	<ul style="list-style-type: none"> • Case work – 1 • Observation report of different therapies – 1 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of the observation report
Inpatient ward	4	<ul style="list-style-type: none"> • Assess patients with mental health problems • Provide nursing care for patients with various 	<ul style="list-style-type: none"> • History taking • Mental status examination (MSE) • Neurological examination • Assisting in psychometric 	<ul style="list-style-type: none"> • Give care to 2-3 patients with various mental disorders • Case study – 1 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist

Clinical Area/Unit	Duration (Weeks)	Learning Outcomes	Skills/Procedural Competencies	Clinical Requirements	Assessments Methods
		mental health problems <ul style="list-style-type: none"> • Assist in various therapies • Counsel and educate patients, families and significant others 	assessment <ul style="list-style-type: none"> • Recording therapeutic communication • 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 	<ul style="list-style-type: none"> • Care plan • Clinical presentation – 1 • Process recording – 2 • Maintain drug book 	<ul style="list-style-type: none"> • Evaluation of the case study, care plan, clinical presentation, process recording • Completion of activity record
Community psychiatry & Deaddiction centre	1	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Case work – 1 • Observation report on field visits • Visit to deaddiction centre 	<ul style="list-style-type: none"> • 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)	<p>Define public health, community health and community health nursing</p> <p>Explain the evolution of public health in India and scope of community health nursing</p> <p>Explain various concepts of health and disease, dimensions and determinants of health</p> <p>Explain the natural history of disease and levels of prevention</p> <p>Discuss the health</p>	<p>Concepts of Community Health and Community Health Nursing</p> <ul style="list-style-type: none"> • 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 & 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Short answer • Essay • Objective type • Survey report

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		problems of India	<p>tertiary prevention – Review</p> <ul style="list-style-type: none"> • Health problems (Profile) of India 		
II	8 (T)	<p>Describe health planning and its steps, and various health plans, and committees</p> <p>Discuss health care delivery system in India at various levels</p> <p>Describe SDGs, primary health care and comprehensive primary health care (CPHC)</p> <p>Explain health care policies and regulations in India</p>	<p>Health Care Planning and Organization of Health Care at various levels</p> <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> ◦ 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) ◦ Ayushman Bharat ◦ Universal Health Coverage 	<ul style="list-style-type: none"> • Lecture • Discussion • Field visits to CHC, PHC, SC/ Health Wellness Centers (HWC) • Directed reading 	<ul style="list-style-type: none"> • Short answer • Essay • Evaluation of Field visit reports & presentation
III	15 (T)	Identify the role of an individual in the	Environmental Science, Environmental Health, and	<ul style="list-style-type: none"> • Lecture 	<ul style="list-style-type: none"> • Short answer

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		<p>conservation of natural resources</p> <p>Describe ecosystem, its structure, types and functions</p> <p>Explain the classification, value and threats to biodiversity</p> <p>Enumerate the causes, effects and control measures of environmental pollution</p> <p>Discuss about climate change, global warming, acid rain, and ozone layer depletion</p> <p>Enumerate the role of an individual in creating awareness about the social issues related to environment</p>	<p>Sanitation</p> <ul style="list-style-type: none"> • <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 <p>Environmental Health &</p>	<ul style="list-style-type: none"> • Discussion • Debates on environmental protection and preservation • Explain using Charts, graphs, Models, films, slides • Directed reading • Visits to water supply & purification sites <ul style="list-style-type: none"> • Essay • Field visit reports 	

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		<p>List the Acts related to environmental protection and preservation</p> <p>Describe the concept of environmental health and sanitation</p> <p>Describe water conservation, rain water harvesting and water shed management</p> <p>Explain waste management</p>	<p>Sanitation</p> <ul style="list-style-type: none"> • 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 tests for assessing bacteriological quality of water • Concepts of water conservation: rain water harvesting and water shed management • Concept of Pollution prevention • Air & noise pollution • Role of nurse in prevention of pollution • Solid waste management, human excreta disposal & management and sewage disposal and management • Commonly used insecticides and pesticides 	<ul style="list-style-type: none"> • Observe rain water harvesting plants • Visit to sewage disposal and treatment sites, and waste disposal sites 	
IV	7 (T)	<p>Describe the various nutrition assessment methods at the community level</p> <p>Plan and provide diet plans for all age groups including therapeutic diet</p> <p>Provide nutrition counseling and education to all age groups and describe</p>	<p>Nutrition Assessment and Nutrition Education</p> <ul style="list-style-type: none"> • <i>Review of Nutrition</i> <ul style="list-style-type: none"> ◦ Concepts, types ◦ Meal planning: aims, steps & diet plan for different age groups ◦ Nutrition assessment of individuals, families and community by using appropriate methods • Planning suitable diet for individuals and families according to local availability of foods, dietary habits and economic status • General nutritional advice • Nutrition education: purpose, principles & methods and Rehabilitation 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Role play • Market visit • Nutritional assessment for different age groups • Lecture • Discussion 	<ul style="list-style-type: none"> • Performance assessment of nutrition assessment for different age groups • Evaluation on nutritional assessment reports • Short answer • Essay

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		the national nutrition programs and Identify early the food borne diseases, and perform initial management and referral appropriately	<ul style="list-style-type: none"> • <i>Review:</i> Nutritional deficiency disorders • National nutritional policy & programs in India <p>Food Borne Diseases and Food Safety</p> <p>Food borne diseases</p> <ul style="list-style-type: none"> • Definition, & burden, Causes and classification • Signs & Symptoms • Transmission of food borne pathogens & toxins • Early identification, initial management and referral <p>Food poisoning & food intoxication</p> <ul style="list-style-type: none"> • Epidemiological features/clinical characteristics, Types of food poisoning • Food intoxication-features, preventive & control measures • Public health response to food borne diseases 	<ul style="list-style-type: none"> • Field visits to milk purification plants, slaughterhouse • Refer Nutrition module-BPCCHN Block 2-unit I & UNIT 5 	<ul style="list-style-type: none"> • Field visit reports
V	6 (T)	<p>Describe behaviour change communication skills</p> <p>Counsel and provide health education to individuals, families and community for promotion of healthy life style practices</p>	<p>Communication management and Health Education</p> <ul style="list-style-type: none"> • Behaviour change communication skills <ul style="list-style-type: none"> ◦ 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 	<ul style="list-style-type: none"> • Lecture • Discussion • Role play • Demonstration: BCC skills • Supervised field practice • Refer: BCC/SBCC module (MoHFW & USAID) 	<ul style="list-style-type: none"> • Short answer • Essay • Performance evaluation of health

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		using appropriate methods and media	<p>communication, and methods to overcome them</p> <ul style="list-style-type: none"> • Health promotion and Health education: methods/techniques, and audio-visual aids 		education sessions to individuals and families
VI	7 (T)	<p>Describe community health nursing approaches and concepts</p> <p>Describe and identify the activities of community health nurse to promote and maintain family health through home visits</p>	<p>Community health nursing approaches, concepts, roles and responsibilities of community health nursing personnel</p> <ul style="list-style-type: none"> • <i>Approaches:</i> <ul style="list-style-type: none"> ◦ 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) <p>Home Visits:</p> <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Role plays • Supervised field practice 	<ul style="list-style-type: none"> • 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	<p>Assisting individuals and families to promote and maintain their health</p> <p><i>A. Assessment of individuals and families (Review from Child health nursing, Medical surgical nursing and OBG Nursing)</i></p> <ul style="list-style-type: none"> • Assessment of children, women, adolescents, elderly etc. 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Role plays 	<ul style="list-style-type: none"> • Short answer • Essay • Assessment of clinical performance in the field practice area

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		<p>Provide primary care at home/ health centers (HWC) using standing orders/ protocols as per public health standards/approved by MoH&FW and INC regulation</p> <p>Develop skill in maintenance of records and reports</p>	<ul style="list-style-type: none"> • Children: Monitoring growth and development, milestones <ul style="list-style-type: none"> • 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> <ul style="list-style-type: none"> • Routine check-up, Immunization, counseling, and diagnosis • Management of common diseases at home and health centre level <ul style="list-style-type: none"> ◦ 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> • <i>E. Maintenance of health records and reports</i> <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Assessment of procedural skills in lab procedures • Document and maintain: <ul style="list-style-type: none"> • Individual records 	<ul style="list-style-type: none"> • Evaluation of records and reports

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		<p>Develop beginning skills in handling social issues affecting the health and development of the family</p> <p>Identify and assist the families to utilize the community resources appropriately</p>	<p><i>F. Sensitize and handle social issues affecting health and development of the family</i></p> <ul style="list-style-type: none"> • Women empowerment • Women and child abuse • Abuse of elders • Female foeticide • Commercial sex workers • Substance abuse <p><i>G. Utilize community resources for client and family</i></p> <ul style="list-style-type: none"> • Trauma services • Old age homes • Orphanages • Homes for physically challenged individuals • Homes for destitute • Palliative care centres • Hospice care centres • Assisted living facility 	<ul style="list-style-type: none"> • Family records • Health center records • Field visits 	<ul style="list-style-type: none"> • Evaluation of field visit reports
VIII	10 (T)	Describe the concepts, approaches and methods of epidemiology	<p>Introduction to Epidemiology – Epidemiological Approaches and Processes</p> <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Role play • Field visits: communicable disease hospital & Entomology office • Investigation of an epidemic of 	<ul style="list-style-type: none"> • Short answer • Essay • Report on visit to communicable disease hospital • Report on visit to entomology office

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		Investigate an epidemic of communicable disease	<p>prevention of disease</p> <ul style="list-style-type: none"> • Investigation of an epidemic of communicable disease • Use of basic epidemiological tools to make community diagnosis for effective planning and intervention 	communicable disease	<ul style="list-style-type: none"> • Report and presentation on investigating an epidemic of communicable disease
IX	15 (T)	<p>Explain the epidemiology of specific communicable diseases</p> <p>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</p>	<p>Communicable Diseases and National Health Programs</p> <p>1. Communicable Diseases – Vector borne diseases (Every disease will be dealt under the following headlines)</p> <ul style="list-style-type: none"> • Epidemiology of the following vector born diseases • Prevention & control measures • Screening, and diagnosing the following conditions, primary management, referral and follow up <ul style="list-style-type: none"> ○ Malaria ○ Filaria ○ Kala-azar ○ Japanese encephalitis ○ Dengue ○ Chickungunya <p>2. Communicable diseases: Infectious diseases (Every disease will be dealt under the following headlines)</p> <ul style="list-style-type: none"> • Epidemiology of the following infectious diseases • Prevention & Control measures • Screening, diagnosing the following conditions, primary management, referral and follow up <ul style="list-style-type: none"> ○ Leprosy ○ Tuberculosis ○ Vaccine preventable diseases – Diphtheria, whooping cough, tetanus, poliomyelitis 	<ul style="list-style-type: none"> • Lecture • Discussion, • Demonstration • Role play • Suggested field visits • Field practice • Assessment of clients with communicable diseases 	<ul style="list-style-type: none"> • Field visit reports • Assessment of family case study • OSCE assessment • Short answer • Essay

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		<p>Identify the national health programs relevant to communicable diseases and explain the role of nurses in implementation of these programs</p>	<ul style="list-style-type: none"> 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 <p>3. Communicable diseases: Zoonotic diseases</p> <ul style="list-style-type: none"> • Epidemiology of Zoonotic diseases • Prevention & control measures • Screening and diagnosing the following conditions, primary management, referral and follow up <ul style="list-style-type: none"> ○ Rabies: Identify, suspect, primary management and referral to a health facility • Role of a nurses in control of communicable diseases <p>National Health Programs</p> <ol style="list-style-type: none"> 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 		

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			infections and Scabies 5. National Aids Control Organization (NACO) 6. National Vector Borne Disease Control Program 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) <ul style="list-style-type: none"> • 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 <p>NCD-1</p> <ul style="list-style-type: none"> ○ 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 <p>NCD-2 Cancers</p> <ul style="list-style-type: none"> ○ Cervical Cancer ○ Breast Cancer ○ Oral cancer ○ Epidemiology of specific cancers, Risk factors/ 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Role play • Suggested field visits • Field practice • Assessment of clients with non-communicable diseases 	<ul style="list-style-type: none"> • Field visit reports • Assessment of family case study • OSCE assessment • Short answer • Essay

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			<p>Causes, Prevention, Screening, diagnosis – signs, Signs & symptoms, and early management & referral</p> <ul style="list-style-type: none"> ○ Palliative care ○ Role of a nurse in non-communicable disease control program <p>National Health Programs</p> <ul style="list-style-type: none"> ● 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 ● National tobacco control program ● Standard treatment protocols used in National Health Programs 	<ul style="list-style-type: none"> ● Participation in national health programs 	
XI	3 (T)	Enumerate the school health activities and the role functions of a school health nurse	<p>School Health Services</p> <ul style="list-style-type: none"> ● 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 	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Demonstration ● Role play ● Suggested field visits ● Field practice 	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Interviewing skills using communication and 	<ul style="list-style-type: none"> ● Community needs assessment/ Survey 	<ul style="list-style-type: none"> ● Evaluation of survey report

Clinical Area/Unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Rural	2 Weeks	<p>Identify the socio-demographic characteristics, health determinants and resources of a rural and an urban community</p> <p>Observe the functioning and document significant observations</p> <p>Perform nutritional assessment and plan diet plan for adult</p> <p>Educate individuals/family/community on</p> <ul style="list-style-type: none"> - Nutrition - Hygiene - Food hygiene - Healthy lifestyle - Health promotion <p>Perform health assessment for clients of various age groups</p> <p>Maintain records and reports</p>	<p>interpersonal relationship</p> <ul style="list-style-type: none"> • Conducting community needs assessment/survey to identify health determinants of a community • Observation skills • Nutritional assessment skills • Skill in teaching individual/family on: <ul style="list-style-type: none"> ○ Nutrition, including food hygiene and safety ○ Healthy lifestyle ○ Health promotion • Health assessment including nutritional assessment for clients of different age groups • Documentation skills 	<p>– Rural/urban – 1</p> <p>Field visits:</p> <ul style="list-style-type: none"> • SC/HWC, PHC, CHC • Water resources & purification site – water quality standards • Rain water harvesting • Sewage disposal <p>Observation of</p> <ul style="list-style-type: none"> • milk diary • slaughterhouse – meat hygiene • Observation of nutrition programs • Visit to market • Nutritional assessment of an individual (adult) – 1 • Health teaching (Adult) – 1 • Use of audio-visual aids <ul style="list-style-type: none"> ○ Flash cards ○ Posters ○ Flannel graph ○ Flip charts • Health assessment of woman – 1, infant/under five – 1, adolescent – 1, adult – 1 • Growth monitoring of under-five children – 1 <p>Document and maintain:</p> <ul style="list-style-type: none"> • Individual record • Family record • Health center record • Community health survey to investigate an epidemic – 1 	<ul style="list-style-type: none"> • Evaluation of field visit and observation reports • Health talk evaluation • Assessment of clinical performance • Evaluations of reports &

Clinical Area/Unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
		<p>Investigate epidemic of communicable disease</p> <p>Identify prevalent communicable and non-communicable diseases</p> <p>Screen, diagnose, manage and refer clients with common health problems in the community and refer high risk clients using standing orders/protocols</p> <p>Participate in implementation of national health programs</p> <p>Participate in school health program</p>	<ul style="list-style-type: none"> Investigating an epidemic – Community health survey Screening, diagnosing, primary management of common health problems in the community and referral of high-risk clients to FRUs Conduct home visit Participation in implementation of national health programs Participation in school health program 	<p>Screening, diagnosing and primary management and referral:</p> <ul style="list-style-type: none"> Communicable disease – 1 Non- communicable diseases – 1 Home visits – 2 Participation in any two national health programs Participation in school health program – 1 	records <ul style="list-style-type: none"> Clinical performance assessment OSCE Final clinical examination Evaluation of home visit

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	<p>Explain the definition, aims, types, approaches and scope of educational technology</p> <p>Compare and contrast the various educational philosophies</p> <p>Explain the teaching learning process, nature, characteristics and principles</p>	<p>Introduction and Theoretical Foundations:</p> <p><i>Education and educational technology</i></p> <ul style="list-style-type: none"> • Definition, aims • Approaches and scope of educational technology • Latest approaches to education: <ul style="list-style-type: none"> ◦ Transformational education ◦ Relationship based education ◦ Competency based education <p><i>Educational philosophy:</i></p> <ul style="list-style-type: none"> • Definition of philosophy, education and philosophy • Comparison of educational philosophies • Philosophy of nursing education <p><i>Teaching learning process:</i></p> <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> ◦ Experiential learning 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Quiz

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
				<ul style="list-style-type: none"> ○ Reflective learning ○ Scenario based learning ○ Simulation based learning ○ Blended learning 	Group exercise: <ul style="list-style-type: none"> • Create/discuss scenario-based exercise 	Assessment of Assignment: <ul style="list-style-type: none"> • 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	<p>Assessment and Planning <i>Assessment of teacher</i></p> <ul style="list-style-type: none"> • Essential qualities of a teacher • Teaching styles – Formal authority, demonstrator, facilitator, delegator <p><i>Assessment of learner</i></p> <ul style="list-style-type: none"> • 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 <p>Curriculum Planning</p> <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Lecture cum discussion <p>Self-assessment exercise:</p> <ul style="list-style-type: none"> • Identify your learning style using any learning style inventory (ex. Kolb's learning style inventory) • Lecture cum discussion 	<ul style="list-style-type: none"> • Short answer • Objective type
III	8	15	Explain the principles and strategies of classroom management	<p>Implementation <i>Teaching in Classroom and Skill lab – Teaching Methods</i></p> <ul style="list-style-type: none"> • Classroom management-principles and strategies • Classroom communication <ul style="list-style-type: none"> ○ Facilitators and Barriers to classroom communication 	<ul style="list-style-type: none"> • Lecture cum Discussion 	<ul style="list-style-type: none"> • Short answer • Objective type

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
			<p>Describe different methods/strategies of teaching and develop beginning skill in using various teaching methods</p> <p>Explain active learning strategies and participate actively in team and collaborative learning</p>	<ul style="list-style-type: none"> ○ Information communication technology (ICT) – ICT used in education <p><i>Teaching methods – Features, advantages and disadvantages</i></p> <ul style="list-style-type: none"> ● 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 <p><i>Active learning strategies</i></p> <ul style="list-style-type: none"> ● Team based learning ● Problem based learning ● Peer sharing ● Case study analysis ● Journaling ● Debate ● Gaming ● Inter-professional education 	<ul style="list-style-type: none"> ● Practice teaching/Micro teaching ● Exercise (Peer teaching) ● Patient teaching session <ul style="list-style-type: none"> ● Construction of game – puzzle ● Teaching in groups – interdisciplinary 	<ul style="list-style-type: none"> ● Assessment of microteaching
IV	3	3	<p>Enumerate the factors influencing selection of clinical learning experiences</p> <p>Develop skill in using different clinical teaching strategies</p>	<p>Teaching in the Clinical Setting – Teaching Methods</p> <ul style="list-style-type: none"> ● 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 	<ul style="list-style-type: none"> ● Lecture cum discussion ● Writing clinical outcomes – assignments in pairs 	<ul style="list-style-type: none"> ● Short answer ● Assessment of written assignment

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
V	5	5	<p>Explain the purpose, principles and steps in the use of media</p> <p>Categorize the different types of media and describe its advantages and disadvantages</p> <p>Develop skill in preparing and using media</p>	<p>Educational/Teaching Media</p> <ul style="list-style-type: none"> • Media use – Purpose, components, principles and steps • Types of media <p><i>Still visuals</i></p> <ul style="list-style-type: none"> ○ 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 <p><i>Moving visuals</i></p> <ul style="list-style-type: none"> ○ Video learning resources – videotapes & DVD, blu-ray, USB flash drive ○ Motion pictures/films <p><i>Realia and models</i></p> <ul style="list-style-type: none"> ○ Real objects & Models <p><i>Audio aids/audio media</i></p> <ul style="list-style-type: none"> ○ Audiotapes/Compact discs ○ Radio & Tape recorder ○ Public address system ○ Digital audio <p><i>Electronic media/computer learning resources</i></p> <ul style="list-style-type: none"> ○ Computers ○ Web-based videoconferencing ○ E-learning, Smart classroom <p><i>Telecommunication (Distance education)</i></p> <ul style="list-style-type: none"> ○ Cable TV, satellite broadcasting, videoconferencing Telephones – Telehealth/telenursing <p><i>Mobile technology</i></p> 	<ul style="list-style-type: none"> • Lecture cum discussion • Preparation of different teaching aids – (Integrate with practice teaching sessions) 	<ul style="list-style-type: none"> • Short answer • Objective type • Assessment of the teaching media prepared
VI	5	3	<p>Describe the purpose, scope, principles in selection of evaluation methods and barriers to evaluation</p> <p>Explain the guidelines to develop assessment</p>	<p>Assessment/Evaluation Methods/Strategies</p> <ul style="list-style-type: none"> • Purposes, scope and principles in selection of assessment methods and types • Barriers to evaluation • Guidelines to develop assessment 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short answer • Objective type

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
			<p>tests</p> <p>Develop skill in construction of different tests</p> <p>Identify various clinical evaluation tools and demonstrate skill in selected tests</p>	<p>tests</p> <p><i>Assessment of knowledge:</i></p> <ul style="list-style-type: none"> • Essay type questions, • Short answer questions (SAQ) • Multiple choice questions (MCQ – single response & multiple response) <p><i>Assessment of skills:</i></p> <ul style="list-style-type: none"> • Clinical evaluation • Observation (checklist, rating scales, videotapes) • Written communication – progress notes, nursing care plans, process recording, written assignments • Verbal communication (oral examination) • Simulation • Objective Structured Clinical Examination (OSCE) • Self-evaluation • Clinical portfolio, clinical logs <p><i>Assessment of Attitude:</i></p> <ul style="list-style-type: none"> • Attitude scales <p><i>Assessment tests for higher learning:</i></p> <ul style="list-style-type: none"> • Interpretive questions, hot spot questions, drag and drop and ordered response questions 	<ul style="list-style-type: none"> • Exercise on constructing assessment tool/s 	<ul style="list-style-type: none"> • Assessment of tool/s prepared
VII	3	3	<p>Explain the scope, purpose and principles of guidance</p> <p>Differentiate between guidance and counseling</p> <p>Describe the principles, types, and counseling process</p> <p>Develop basic skill of counseling and guidance</p>	<p>Guidance/academic advising, counseling and discipline</p> <p><i>Guidance</i></p> <ul style="list-style-type: none"> • Definition, objectives, scope, purpose and principles • Roles of academic advisor/ faculty in guidance <p><i>Counseling</i></p> <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Lecture cum discussion • Role play on student counseling in different situations • Assignment on identifying situations requiring counseling 	<ul style="list-style-type: none"> • Assessment of performance in role play scenario • Evaluation of assignment

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
			Recognize the importance of preventive counseling and develop skill to respond to disciplinary problems and grievance among students	<ul style="list-style-type: none"> Issues for counseling in nursing students <i>Discipline and grievance in students</i> Managing disciplinary/grievance problems – preventive guidance & counseling Role of students' grievance redressal cell/committee 		
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> <ul style="list-style-type: none"> 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> <ul style="list-style-type: none"> Evidence based education process and its application to nursing education 	<ul style="list-style-type: none"> Value clarification exercise Case study analysis (student encountered scenarios) and suggest ethical decision-making steps Lecture cum discussion 	<ul style="list-style-type: none"> 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

- Identify forensic nursing as an emerging specialty in healthcare and nursing practice
- Explore the history and scope of forensic nursing practice
- Identify forensic team, role and responsibilities of forensic nurse in total care of victim of violence and in preservation of evidence
- 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	<p>Forensic Science</p> <ul style="list-style-type: none"> • Definition • History • Importance in medical science • Forensic Science Laboratory <p>Violence</p> <ul style="list-style-type: none"> • Definition • Epidemiology • Source of data <p>Sexual abuse – child and women</p>	<ul style="list-style-type: none"> • Lecture cum discussion • Visit to Regional Forensic Science Laboratory 	<ul style="list-style-type: none"> • Quiz – MCQ • Write visit report
II	2 (T)	Explain concepts of forensic nursing and scope of practice for forensic nurse	<p>Forensic Nursing</p> <ul style="list-style-type: none"> • Definition • History and development • Scope – setting of practice, areas of practice and subspecialties • Ethical issues • Roles and responsibilities of nurse • INC & SNC Acts 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Short answer • Objective type
III	7 (T)	Identify members of forensic team and describe role of forensic nurse	<p>Forensic Team</p> <ul style="list-style-type: none"> • Members and their roles <p>Comprehensive forensic nursing care of victim and family</p> <ul style="list-style-type: none"> • 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 <p>Evidence preservation – role of nurses</p> <ul style="list-style-type: none"> • Observation • Recognition 	<ul style="list-style-type: none"> • Lecture cum Discussion • Hypothetical/real case presentation • Observation of post-mortem • Visit to department of forensic medicine 	<ul style="list-style-type: none"> • Objective type • Short answer • Write report

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> • Collection • Preservation • Documentation of Biological and other evidence related to criminal/traumatic event • Forwarding biological samples for forensic examination 		
IV	3 (T)	Describe fundamental rights and human rights commission	<p>Introduction of Indian Constitution</p> <p>Fundamental Rights</p> <ul style="list-style-type: none"> • Rights of victim • Rights of accused <p>Human Rights Commission</p>	<ul style="list-style-type: none"> • Lecture cum discussion • Written Assignment • Visit to prison 	<ul style="list-style-type: none"> • Short answer • Assessment of written assignment • Write visit report
V	5 (T)	Explain Indian judicial system and laws Discuss the importance of POSCO Act	<p>Sources of laws and law-making powers</p> <p>Overview of Indian Judicial System</p> <ul style="list-style-type: none"> • JMFC (Judicial Magistrate First Class) • District • State • Apex <p>Civil and Criminal Case Procedures</p> <ul style="list-style-type: none"> • IPC (Indian Penal Code) • ICPC • IE Act (Indian Evidence Act) <p>Overview of POSCO Act</p>	<ul style="list-style-type: none"> • Lecture cum discussion • Guided reading • Lecture cum discussion 	<ul style="list-style-type: none"> • 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