COURSE TITLE	**CHILD HEALTH NURSING (I & II)**
COURSE CODE	**20BN0601**
COURSE CREDITS	**9**

Objective:

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

Course Outcomes: After completion of this course, student will be able to:

1. Explain the modern concept of child-care,Describe National policy, programs and legislation in relation to child health & welfare, Describe role of preventive pediatrics ,List major causes of death during infancy, early & late childhood ,Differentiate between an adult and child in terms of illness and response ,Describe the major functions & role of the pediatric nurse in caring for a hospitalized child,Describe the principles of child health nursing and perform child health nursing procedures, Describe the normal growth and development of children at different ages, Identify the needs of children at different ages & provide parental guidance,Identify the nutritional needs of children at different ages & ways of meeting needs, Identify the role of play for normal & sick children
2. Provide care to normal and high risk neonates, Perform neonatal resuscitation, Recognize and manage common neonatal problems, Apply principles and strategies of IMNCI
3. Describe the etiology, pathophysiology, clinical manifestation and nursing management of children with disorders of respiratory, and endocrine system, Develop ability to meet child- hood emergencies and perform child CPR
4. Describe the etiology, pathophysiology, clinical manifestation and nursing management of children with disorders of cardiovascular, gastrointestinal, genitourinary, and nervous system
5. Describe the etiology, pathophysiology, clinical manifestation and nursing management of children with Orthopedic disorders, eye, ear and skin disorders, Explain the preventive measures and strategies for children with communicable diseases

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Course Outcomes: After completion of this course, student will be able to:

6 Describe the management of children with behavioral & social problems, Identify the social & welfare services for challenged children

Pre-requisite of course: 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.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
5	12	2	75	15	10	50	50

Contents : Unit	Topics	Contact Hours
1	**Introduction: Modern concepts of child care** Historical development of child health, Philosophy and modern concept of child-care, Cultural and religious considerations in child-care, National policy and legislations in relation to child health and welfare, National programs and agencies related to welfare services to the children, Internationally accepted rights of the child, Changing trends in hospital care, preventive, promotive and curative aspect of child health, Preventive pediatrics: o Concept o Immunization o Immunization programs and cold chain. o Care of under-five and Under-five Clinics/Well-baby clinics o Preventive measures towards accidents, Child morbidity and mortality rates, Difference between an adult and child which affect response to illness o Physiological o Psychological o Social o 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, Child Health Nursing procedures: ? Administration of medication: oral, I/M, & I/V, Calculation of fluid requirement, Application of restraints, Assessment of pain in children. o FACES pain rating scale o FLACC scale o Numerical scale	10
2	**The Healthy Child** Definition and principles of growth and development, Factors affecting growth and development, Growth and development from birth to adolescence, Growth and developmental theories (Freud, Erickson, Jean Piaget, Kohlberg), The needs of normal children through the stages of developmental and parental guidance, Nutritional needs of children and infants - breast feeding - exclusive breast feeding - Supplementary/artificial feeding and weaning, Baby friendly hospital concept, Types and value of play and selection of play material	12

Contents : Unit	Topics	Contact Hours
3	**Nursing care of neonate:** 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 - Hyperbilirubinemia - Hypothermia - Hyperthermia - Metabolic disorder - Neonatal infections - Neonatal seizures - Respiratory distress syndrome - Retinopathy of Prematurity, Organization of neonatal care unit, Neonatal equipment	15
4	**Integrated management of neonatal and childhood Illnesses** Integrated management of neonatal and childhood Illnesses	10
5	**Nursing management in common childhood diseases** Respiratory system: Identification and Nursing management of congenital malformations, Congenital disorders: Tracheoesophageal fistula, Diaphragmatic hernia, Others: Acute naso-pharyngitis, Tonsillitis, Croup, Bronchitis, Bronchiolitis, Pneumonia, Asthma, Endocrine system: Juvenile Diabetes mellitus, Hypo-thyroidism	8
6	**Childhood emergencies** Accidents – causes and prevention, Poisoning, Foreign bodies, Hemorrhage, Burns and Drowning, PLS (AHA Guidelines)	5
7	**Cardiovascular system:** Identification and Nursing management of congenital malformations, Congenital heart diseases: Cyanotic and Acyanotic (ASD,VSD, PDA,TOF), Others: Rheumatic fever and Rheumatic heart disease, Congestive cardiac failure, Hematological conditions: a) Congenital: Hemophilia, Thalassemia b) Others: Anemia, Leukemia, Idiopathic thrombocytopenic purpura, Hodgkins and non- hodgkins lymphoma, Gastro-intestinal system: ? Identification and Nursing management of congenital malformations. ? Congenital: Cleft lip, Cleft palate, Congenital hypertrophic pyloric stenosis, Hirschsprungs disease (Megacolon), Anorectal malformation, Malabsorption syndrome, Abdominal wall defects, Hernia ? Others: Gastroenteritis, Diarrhea, Vomiting, Protein energy malnutrition, Intestinal obstruction, Hepatic diseases, intestinal parasites, Genitourinary urinary system: ? Identification and Nursing management of congenital malformations. ? Congenital: Wilms tumor, Extropy of bladder, Hypospadias, Epispadias, Obstructive uropathy ? Others: Nephrotic syndrome, Acute glomerulonephritis, renal failure, Nervous system: ? Identification and Nursing management of congenital malformations a) Congenital: Spina bifida, Hydrocephalous. b) Others: Meningitis, Encephalitis, Convulsive disorders (convulsions and seizures), Cerebral palsy head injury	20

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Contents : Unit	Topics	Contact Hours
8	**Orthopedic disorders:** Club foot, Hip dislocation and, Fracture, Disorder of eye, ear and skin: ? Refractory errors ? Otitis media and ? Atopic dermatitis, Communicable diseases in children, their identification/ diagnosis, nursing management in hospital, in home, control & prevention: ? Tuberculosis ? Diphtheria ? Tetanus ? Pertussis ? Poliomyelitis ? Measles ? Mumps, and ? Chickenpox ? HIV/AIDS ? Dengue fever ? COVID-19	10
9	**Management of behavior and social problems in children** Child Guidance clinic, Common behavior disorders in children and management o Enuresis and Encopresis o Nervousness o Nail biting o Thumb sucking o Temper tantrum o Stealing o Aggressiveness o Juvenile delinquency o School phobia o Learning disability, Psychiatric disorders in children and management o Childhood schizophrenia o Childhood depression o Conversion reaction o Posttraumatic stress disorder o Autistic spectrum disorders, Eating disorder in children and management o Obesity o Anorexia nervosa o Bulimia, Management of challenged children. o Mentally o Physically o Socially o Child abuse, o Substance abuse, Welfare services for challenged children in India	10
Total Hours		**100**

Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
1	**clinical contact hours** CLINICAL POSTING AT VARIOUS AREAS OF PEDIATRIC HOSPITALS	240
2	**Practical procedure demonstration in Child Health Nursing Lab** DEMONSTRATION OF VARIOUS PEEDIATRIC NURSING PROCEDURES IN OBG/PEDIA LAB	40
Total Hours		**280**

Textbook :

1 Essentials of Pediatric Nursing, Rimple Sharma, Jaypee Brothers Medical Publishers Pvt. Limited, 2020

2 Pediatric Nursing (As Per INC Syllabus), Parul Dutta, Jaypee Brothers Medical Publishers, 2017

3 Textbook of Pediatric Nursing , Panchali Pal, CBS Publishers & Distributors, 2024

4 Textbook of Pediatric Nursing, Susmma Varghese Anupama Susmitha, Jaypee Brothers, 2015

References:

1 Textbook of Pediatric Nursing I& II, Textbook of Pediatric Nursing I& II, Suvashri Sasmal, Vision publication, 2023

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery and evaluation					
Remember / Knowledge	**Understand**	**Apply**	**Analyze**	**Evaluate**	**Higher order Thinking / Creative**
0.00	0.00	35.00	35.00	30.00	0.00

Instructional Method:

1 Lecture cum discussion , Demonstration in Lab, Clinical contact hours

Supplementary Resources:

1 N/A

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