



## Integral University, Lucknow

Effective from Session: 2022-23							
Course Code	NR301	Title of the Course	CHILD HEALTH NURSING-I	L	T	P	C
Year	3	Semester	V	2	1	0	3
Pre-Requisite		Co-requisite					
Course Objectives	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						

Course Outcomes	
CO1	1. Develop understanding of the history and modern concepts of child health and child care
CO2	2. Explore the national child welfare services, national programmes and legislation in the light of National Health Policy 2017
CO3	3. Describe the role of preventive pediatrics and perform preventive measures towards accidents
CO4	4. Identify the developmental needs of children and provide parental guidance
CO5	5. Participate in National Immunization Programmes / Universal Immunization Programme (UIP)

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	INTRODUCTION: MODERN CONCEPTS OF CHILD CARE	Historical development of child health ,Philosophy & modern concept of child-care ,Cultural and religious considerations in child-care,National policy and legislations in relation to child health and welfare ,National programmes and agencies related to welfare services to the children ,ternationally accepted rights of the child,Changing trends in hospital care, preventive, promotive and curative aspect of child health <i>Preventive pediatrics</i> ;;Concept,Immunization ,Immunization programmes and cold chain,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 ,Social,Immunological,Hospital environment for sick child,mpact 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 post operative care of infants and children	10	CO1
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 development theories (Freud, Erickson, Jean Piaget, Kohlberg) ,The need of normal children through the stages of development 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	CO2
3	NURSING CARE OF NEONATAL	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 disorders ,Hyperbilirubinemia ,Hypothermia, Hyperthermia ,Metabolic disorders ,Neonatal infections ,Neonatal seizures ,Respiratory distress syndrome ,Retinopathy of prematurity ,Organization of neonatal care unit  Neonatal equipment	15	CO3
4	INTEGRATED MANAGEMENT OF NEONATAL AND CHILDHOOD ILLNESSES	INTEGRATED MANAGEMENT OF NEONATAL AND CHILDHOOD ILLNESSES	10	CO4
5	NURSING MANAGEMENT IN COMMON CHILDHOOD DISEASES & CHILDHOOD EMERGENCIES	<b>Respiratory System</b> :Identification and nursing management of congenital malformations ,Congenital disorders: Tracheoesophageal fistula, Diaphragmatic hernia,Others: Acute nasopharyngitis, Tonsillitis, Croup, Bronchitis, Pneumonia, Asthma , <b>Endocrine system</b> ;;Juvenile Diabetes mellitus, hypothyroidism , <b>Child health emergencies</b> ,accidents – causes and prevention, poisoning, foreign bodies, Hemorrhage, burns and drowning  NALS/PLS/PALS (AHA Guidelines)	13	CO5

### Reference Books:

A Textbook of Child Health Nursing, A Padmaja, JP Brothers Publication

Child Health Nursing, Bt Basavanthappa, JP Brothers Publication

Pediatric Nursing, Parul Dutta , JP Brothers Publication, 4<sup>th</sup> Edition

### e-Learning Source:

<http://library.iul.ac.in/ELibrary.aspx>

<https://india.oup.com/>

<https://www.doabooks.org/>

	Course Articulation Matrix: (Mapping of COs with POs and PSOs)																	
PO- PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
CO1	2	2	3	2	2	3	3	3	2	2	2	3	2	3	3	2	2	2
CO2	2	3	3	1	1	2	2	3	4	2	2	2	1	2	2	1	1	1
CO3	2	2	2	2	1	2	2	2	3	1	3	2	3	1	1	2	3	2
CO4	2	2	2	2	2	2	2	2	3	2	2	1	2	1	2	3	1	2
CO5	2	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

<b>Name &amp; Sign of Program Coordinator</b>	<b>Sign &amp; Seal of HoD</b>
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**Integral University, Lucknow**

<b>Effective from Session: 2022-2023</b>							
<b>Course Code</b>	<b>NR302</b>	<b>Title of the Course</b>	<b>MENTAL HEALTH NURSING-I</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	<b>3</b>	<b>Semester</b>	<b>V</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>3</b>
<b>Pre-Requisite</b>		<b>Co-requisite</b>					
<b>Course Objectives</b>	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						

<b>Course Outcomes</b>	
<b>CO1</b>	Trace the historical development of mental health nursing and discuss its scope
<b>CO2</b>	Identify the classification of the mental disorders
<b>CO3</b>	Develop basic understanding of the principles and concepts of mental health nursing
<b>CO4</b>	Apply the INC practice standards for psychiatric mental health nursing in supervised clinical settings
<b>CO5</b>	Conduct mental health assessment

<b>Unit No.</b>	<b>Title of the Unit</b>	<b>Content of Unit</b>	<b>Contact Hrs.</b>	<b>Mapped CO</b>
1	introduction & principles and concepts of mental health nursing treatment modalities and therapies used in mental disorders physical therapies & nursing management of patient with schizophrenia and other psychotic disorders	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 & function of mental health nurse in various settings and factors affecting the level of nursing practice ,Concepts of normal and abnormal behavior ,Definition: mental health nursing and terminology used , Classification of mental disorders: ICD & DSM , 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 standards) , Conceptual models and the role of nurse , Existential model , Psychoanalytical models , Behavioral model , Interpersonal model	16	CO1
2	mental health assessment & therapeutic communication and nurse-patient relationship	History taking , Mental status examination , Mini mental status examination , Neurological examination , Investigations: related blood chemistry, EEG, CT & MRI , Psychological tests , 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	12	CO2
3	treatment modalities and therapies used in mental disorders physical therapies & nursing management of patient	Psychopharmacology, ElectroConvulsive Therapy, Psychotherapy, Behavior therapy, CBT , Group therapy, family therapy, therapeutic community, recreational therapy, art therapy (dance, music etc.), occupational therapy, Yoga, meditation, relaxation		CO3
4	nursing management of patient with mood disorders	Prevalence and incidence, Mood disorders: Bipolar affective disorder, mania depression and dysthymia etc. ,Etiology, psychodynamics, clinical manifestation, diagnosis, Nursing assessment: history, physical and mental assessment, Treatment modalities and nursing management of patients with mood disorders , Geriatric considerations / considerations for special populations , Follow up and home care and rehabilitation		CO4
5	nursing management of patient with neurotic, stress related and somatisation disorders__	Prevalence and incidence , Classifications , Anxiety disorders, phobias, dissociative and conversion disorder , Etiology, psychodynamic, 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		CO5

**Reference Books:**

**A Guide to Mental Health & Psychiatric Nursing , R Sreevani, Jp Brothers , 4<sup>th</sup> Edition**

**DEBR'S Mental Health Psychiatric Nursing, D.Ellakkuvana, Bhaskar Raj , Emmees Publication**

**Essential Of Mental Health Nursing, Pawan Sharma, Jp Publication**

**Essential Mental Health Psychiatric Nursing, KP Neeraja**

**e-Learning Source:**

<http://library.iul.ac.in/elibrary.aspx>

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CO2	2	3	3	3	1	1	2	2	3	2	2	2	2	2	3	1	3	3
CO3	1	3	1	2	2	1	2	2	2	3	1	3	2	2	1	2	1	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	3	3	3	1	3
CO5	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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**Integral University, Lucknow**

Effective from Session:2022-23							
Course Code	NR303	Title of the Course	Community health nursing-I	L	T	P	C
Year	3	Semester	V	4	1	0	5
Pre-Requisite		Co-requisite					
Course Objectives	the 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 environment, environmental health and sanitation, nutrition and food safety. 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 to help 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 setting. 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 programme.						

Course Outcomes	
CO1	describe the concept of community health and community health nursing, health care planning and organization of health care at various levels
CO2	explain environmental science, environmental health and sanitation & nutrition assessment and nutrition education
CO3	describes the communication management and health education,community health nursing approaches, concepts, roles and responsibilities of community health nursing personnel & assisting individuals and families to promote and maintain their health
CO4	identify introduction epidemiology – epidemiological approaches and processes, communicable diseases and national health programmes
CO5	describes non-communicable diseases and national health programmes (ncd) & school health services

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Concept Of Community Health And Community Health Nursing:	definition of public health, community health and community health nursing, public health in india and its evolution and scope of community health nursing ,review: concepts of health & illness / disease – definition, dimensions and determinants of health and disease ,natural history of disease ,levels of prevention – primary, secondary & tertiary prevention – review ,health care planning and organization of health care at various levels:,health planning steps ,health planning in india – various committees and commissions on health and family welfare and five year plan ,participation of community and stakeholders in health planning ,health care delivery system in india – infrastructure and health sectors, delivery of health services at sub center (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),health problems (profile ) of india national health care policies and regulations ,national health policy (1983, 2002, 2017),national health mission (nhm): national rural health mission (nrhm), national urban health mission (nuhm), nhm,national health protection mission (nhpm),ayushmanbharat,universal health coverage.	12	CO1
2	Environmental Science, Environmental Health And Sanitation & Nutrition Assessment And Nutrition Education	<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 ,climate change, global warming-eg. heat wave, acid rain, ozone layer depletion, waste land reclamation & its impact on health ,social issues and environment: sustainable development, urban problems related to energy, water and environmental ethics ,acts related to environmental protection and preservation ,environmental health & sanitation ,concept of environment health and sanitation,concept of safe water, sources of water, waterborne diseases, water purification processes, household purification of water,physical and chemical standards of drinking water quality and 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 & sewage disposal and and management ,commonly used insecticides and pesticides ,nutrition assessment and nutrition education:, <i>review of nutrition</i>	22	CO2

		,concepts, types,meal planning-aims, steps and 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 economics status ,general nutritional advice,nutrition education – purpose, principles & methods and rehabilitation ,review: nutritional deficiency disorders ,national nutritional policy &programmes in india ,food borne diseases and food safety ,definition & burden, causes and classification ,signs &symptoms,transmission of food borne pathogens & toxins ,early identification, initial management and referral ,food poisoning and food intoxication,epidemiological features/clinical characteristics, type of food poisoning,food intoxication – features, preventive & control measures ,public health response to food borne diseases.		
3	Communication Management And Health Education	behavior change communication skills ,communication ,human behavior,health belief model-concepts & definition, ways to influence behavior ,steps of behavior change ,techniques of behavior change – guiding principles in planning bcc activity ,steps of bcc,social and behavior change communication strategies (sbcc) – techniques to collect social history from clients ,barriers to effective communication and methods to overcome them ,health promotion and health education – methods / techniques and audio-visual aids ,community health nursing approaches, concepts, roles and responsibilities of community health nursing personnel ,approaches,nursingprocess,epidemiologicalapproach,problem solving approach,evidencebased approach,empowering people to care for themselves ,review – primary health care and comprehensive primary health care (cphc,homevisits:,concept, principles, process & techniques: bag techniques ,qualities of community health nurse,roles and responsibilities of community health nursing personnel in family health services ,review – principles & techniques of counseling ,assisting individuals and families to promote and maintain their health assessment of individuals and families (review from child health nursing, medical surgical nursing and obg nursing),assessment of children, women, adolescents, elderly etc. ,children-monitoring growth and development, milestones ,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 ,provision of health services / primary health care: ,routine check-up, immunization, counseling and diagnosis ,management of common diseases at home and health center level ,care based on standing orders / protocols approves by moh&fw.drugs dispensing and injections at health center ,continue medical care and follow up in community for various diseases / disabilities ,carry out therapeutic procedures as prescribed / required for client and family ,maintenance of health records and reports,maintenance of clients 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,sensitize and handle social issues affecting health and development of the family ,women empowerment ,women and child abuse,abuse of elders,femalefoeticide ,commercial sex workers ,substance abuse ,utilize community resources for client and family ,trauma services ,old age homes ,orphanages,homes for physically challenged individuals ,homes for destitute ,palliative care centers,hospice care centers,assisted living facility.	13	CO3
4	Introduction Epidemiology – Epidemiological Approaches And Processes	introduction epidemiology – epidemiological approaches and processes ,epidemiology – concept and definition ,distribution and frequency disease,aims& uses of epidemiology,epidemiological models of causation of disease ,concepts of disease transmission ,modes of transmission-direct, indirect and chain of infection,time trends or fluctuations in disease occurrence ,epidemiological approaches – descriptive, analytical and experimental ,principles of control measures / levels of prevention of disease ,investigation of an epidemic of communicable disease ,use of basic epidemiological tools to make community diagnosis for effective planning and intervention ,communicable diseases and national health programmes,communicable disease – vector borne diseases (every disease will be dealt under the following headlines),epidemiology of the following vector born diseases ,prevention & control measures ,screening and diagnosing the following conditions, primary management, referral and follow up communicable diseases: infectious diseases (every disease will be dealt under the following headlines),epidemiology of the following infectious diseases ,prevention & control measures ,screening and diagnosing the following conditions, primary management, referral and follow up leprosy,tuberculosis ,vaccine preventable diseases – diphtheria, whooping cough, tetanus, poliomyelitis and measles ,enteric fever ,viral hepatitis ,hiv/aids/rtiinfections,hiv/aids and sexually transmitted diseases/reproductive tract infections (stis/rtis),diarrhoea ,respiratory tract infections,helminthic – soil & food transmitted and parasitic infections – scabies and pediculosis ,communicable diseases: zoonotic diseases,epidemiology of zoonotic diseases ,prevention & control measures ,screening and diagnosing the following conditions, primary management, referral and follow up ,rabies: identify, suspect, primary management and referral to a health facility,role of a nurse in control of communicable diseases, national health programmes ,uip-universal immunization programme (diphtheria, whooping cough, tetanus, poliomyelitis, measles and hepatitis b),national leprosy eradication programme (nlep),revised national tuberculosis control programme (rntcp),integrated disease surveillance programme (idsp) – enteric fever, diarrhea, respiratory infections and scabies ,natio	25	CO4
5	Non-Communicable Diseases And National Health Programmes (Ncd)	national response to ncids (every disease will be dealt under the following headlines),epidemiology of specific diseases,prevention& control measures ,screening and diagnosing / identification and primary management, referral and follow up care,ncd-1,diabetes mellitus, hypertension,cardiovascular diseases , stroke & obesity ,blindness – categories of visual impairment and national programme for control of blindness ,deafness – national programme for prevention and control of deafness ,thyroid diseases ,injury and	18	CO5

		accidents – risk factors for road traffic injuries and operational guidelines for trauma care facility on highways ,ncd-2 cancers ,cervical cancer ,breast cancer,oralcancer,epidemiology of specific cancer, risk factors / causes, prevention, screening, diagnosis-signs, signs & symptoms and early management & referral ,palliative care ,role of a nurse in non-communicable disease control programme, national health programme,nationalprogramme for prevention and control of cancer, diabetes, cardiovascular diseases and stroke (npdc),national programme for control of blindness ,national programme for prevention and control of deafness ,national tobacco control programme ,standards treatment protocols used in national health programmes ,School health services objectives,health problems of school children ,components of school health services ,maintenance of school health records.		
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#### Reference Books:

essentials of community health nursing, k park, 8<sup>th</sup> edition, bhanot publication

text book of preventive & social medicine, k park, 24<sup>th</sup> edition, bhanot publication

community health nursing, k kgulani, kumarpulishong house

community health nursing ,arthisaxena, lotus publishers

#### e-Learning Source:

<http://library.iul.ac.in/elibrary.aspx>

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	Course Articulation Matrix: (Mapping of COs with POs and PSOs)																	
PO- PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	3	2	2	3	2	3	2	2	2	2	2	3	3	2	2
CO2	2	3	3	3	3	1	2	2	3	2	2	2	3	2	2	3	3	2
CO3	1	3	3	2	2	1	2	2	2	3	1	3	2	2	2	2	3	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	3	3	2	3	3
CO5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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## Integral University, Lucknow

Effective from Session:2022-23							
Course Code	NR304	Title of the Course	Educational Technology / Nursing Education	L	T	P	C
Year	3	Semester	V	1	1	0	2
Pre-Requisite		Co-requisite					
Course Objectives	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						

Course Outcomes	
CO1	Describe the Education and Educational Technology.
CO2	Explain Essential qualities of a teacher,Assessment of learner, Basic principles of writing course plan, unit plan and lesson.
CO3	Describes the Teaching in classroom and skill lab, Teaching methods, Features, advantages and disadvantage
CO4	Introduce teaching in classroom and skill lab, Teaching methods, Features, advantages and disadvantages.
CO5	Describes assessment / evaluation methods / strategies, guidance / academic advising, counseling and discipline & ethics and evidence based teaching (ebt) in nursing education

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction and theoretical foundations	<i>Education and Educational Technology:</i> Definition, aims,Approaches and scope of educational technology, <i>EducationalPhilosophy</i> ,Definition of philosophy, education and philosophy,Comparison of educational philosophies,Philosophy of nursing education , <i>Teaching learning process:</i> Definition of teaching & learning ,Teaching learning as a process,Nature and characteristics of teaching Principles of teaching,Barriers of teaching,Nature and characteristics of learning,Characteristics of adult learners,Principles of learning ,Learning theories,Barriers of learning	06	CO1
2	Assessment and planning	<i>Assessment of teacher:</i> Essential qualities of a teacher,Teaching styles – formal authority, demonstrator, facilitator, delegator, <i>Assessment of learner:</i> Types of learner,Determinants learning – learning needs, readiness to learn, learning styles,Emotional intelligence of learner,Motivational factors – personal factors, environmental factors and support system <i>CurriculumPlanning:</i> 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.	06	CO2
3	Teaching in classroom and skill lab: Teaching methods	Classroom management – principles and strategies ,Classroom communication ,Facilitators and barriers to classroom communication Information Communication Technology (ICT) – ICT used in education, <i>Teaching methods: Features, advantages and disadvantages:</i> Lecture, group discussion, microteaching ,Skill lab – simulation, demonstration & re-demonstration,Symptoms, panel discussion, seminar, scientific workshop, exhibitions ,Role play, project,Field trips ,Self-Directed Learning (SDL),Computer assisted learning,One to one instruction , <i>Active learning strategies:</i> Team based learning,Problem based learning,Peerssharing,Case study analysis,Journaling,Debate,Gaming,Inter professional education	08	CO3
4	Teaching in the clinical settings: teaching methods &educational / teaching media	teaching in the clinical settings: teaching methods,Clinical learning environment,Factors influencing selection of clinical learning experiences,Models of clinical education – traditional mode, collaborative model, preceptor model, integration of education and 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, clinical simulation, PBL, questioning, written assignment, process recording,educational / teaching media,Media use – purpose, components, principles and steps,Types of media, <i>Stillvisual:</i> Non projected – drawings & diagrams, charts, graphs, posters, cartoons, board devices, chalk, white board, bulletin board, flannel board, flip charts, flash cards, pictures / photographs, printed materials – handout, leaflet, brochure, flyer,Projected – film stripes, microscope, power point slides, overhead projector, <i>Movingvisuals,</i> Video learning resources – videotapes & DVD, blu-ray, USB flash drive,Motion pictures / films, <i>Realia and models,</i> Real objects &models, <i>Audio Aids / Audio media,</i> Audiotapes / compact discs Radio & tape recorder,Public address system,Digitalaudio, <i>Electronic media / computer learning resources,</i> Computer,Web-based Videoconferencing,E-learning, smart classroom <i>Telecommunication (Distance education)</i> Cable TV, satellite broadcasting, videoconferencing, Telephones – telehealth / telenursing, <i>Mobile technology</i>	08	CO4
5	Assessment / evaluation methods / strategies, guidance-advising, counseling and discipline & ethics and evidence based teaching (ebt) in nursing education	purposes, scope and principles in selection of assessment methods and types,barriers to evaluation,guidelines to develop assessment tests <i>assessment of knowledge,</i> essay type questions,short answer questions (saq),multiple choice question (mcq – single response & multiple response) <i>assessment of skills: clinical evaluation:</i> 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, <i>assessment of attitude:</i> attitudescale, <i>assessment tests for higher learning:</i> interpretive questions, hot spot questions, drag and drop and ordered response questions ,guidance / academic advising, counseling and discipline <i>guidance:</i> definition, objectives, scope, purpose and principles,roles of academic advisor /faculty in guidance , <i>counseling:</i> difference between guidance and counseling,definition, objectives, scope, principles, types, process and steps of counseling,counseling skills / techniques-basics,roles of counselororganization of counseling services,issues for counseling in nursing students,discipline and grievance in students managing disciplinary / grievance problems-preventive guidance &counseling,role of students grievance redressal cell / committee, <i>ethics and evidence based teaching (ebt) in nursing education ,ethics-review:</i> definition of terms,value based education in nursing,value development strategies,ethical decision making,ethical standards for students,student-faculty relationship, <i>evidence based teaching- introduction,</i> evidence based education process and its application to nursing education	12	CO5

**Reference Books:**

1. text book of Communication and Education technology, k. Sharma sureh/Reena sharma, park, 2<sup>nd</sup> edition, Elsvierpulation

2.text book of Communication and Education technology ,arthisaxena, lotus publishers

e-Learning Source:
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CO3	1	3	3	2	2	1	2	2	2	3	1	3	2	2	1	2	1	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3
CO5	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

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**Name & Sign of Program Coordinator**

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**Sign & Seal of HoD**



# Integral University, Lucknow

Effective from Session:2022-23							
Course Code	NR305	Title of the Course	INTRODUCTION TO FORENSIC NURSING AND INDIAN LAWS	L	T	P	C
Year	3	Semester	V	1	0	0	1
Pre-Requisite		Co-requisite					
Course Objectives	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.						

Course Outcomes	
CO1	Identify forensic nursing as an emerging specialty in healthcare and nursing practice
CO2	Explore the history and scope of forensic nursing practice
CO3	Identify forensic team, role and responsibilities of forensic nurse in total care of victim of violence and in preservation of evidence
CO4	Identify the Indian constitution of fundamental rights & human commission rights.
CO5	Develop basic understanding of the Indian judicial system and legal procedure

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	FORENSIC SCIENCE:	Definition, History, Importance in medical science, Forensic science Laboratory. Violence: Definition, Epidemiology, Source of data Sexual abuse-child and women.	03	CO1
2	FORENSIC NURSING:	Definition, History and development, Scope – setting of practice, areas of practice and subspecialties, Ethical issues, Role and responsibilities of nurse, INC & SNC Acts.	02	CO2
3	FORENSIC TEAM:	Members and their roles, Comprehensive forensic nursing care of victim and family, Physical aspects, Psychosocial aspects, Cultural and spiritual aspects, Legal aspects, Assist forensic team in care beyond scope of her practice, Admission and discharge / referral / death of victim of violence, Responsibilities of nurse as a witness, Evidence preservation – role of nurses, Observation, Recognition, Collection, Preservation, Documentation of biological and other evidence related to criminal / traumatic event, Forwarding biological samples for forensic examination.	07	CO3
4	INTRODUCTION OF INDIAN CONSTITUTIONS:	Fundamental rights, Rights of victim, Rights of accused and Human rights commission.	03	CO4
5	SOURCES OF LAWS AND LAW MAKING POWERS :	Overview of Indian judicial system, JFMC, District, State, Apex Civil and criminal case procedures, IPC, ICPC, IE Act, Overview of POSCO Act.	05	CO5

<b>Reference Books:</b>																		
Forensic Nursing, Virginia A Lynch, Elsevier Publication																		
Forensic Nurse, Sarita Stebens																		
Forensic Nursing, Kelly M. Pyrek																		
<b>e-Learning Source:</b>																		
<a href="http://library.iul.ac.in/ELibrary.aspx">http://library.iul.ac.in/ELibrary.aspx</a>																		
<a href="https://india.oup.com/">https://india.oup.com/</a>																		
<a href="https://www.doabooks.org/">https://www.doabooks.org/</a>																		

PO-PSO CO	Course Articulation Matrix: (Mapping of COs with POs and PSOs)																	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
CO1	1	2	2	3	2	2	3	2	3	2	2	2	3	2	2	1	3	3
CO2	2	2	2	3	2	1	2	2	3	2	2	2	2	2	2	1	1	2
CO3	1	3	2	2	2	1	2	2	2	3	1	3	2	1	3	2	2	2
CO4	2	2	1	2	2	2	2	2	2	3	2	2	2	2	1	2	3	3
CO5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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## Integral University, Lucknow

**Effective from Session: 2017-18**

<b>Course Code</b>	NR306	<b>Title of the Course</b>	Child Health Nursing-1 Lab	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	3	<b>Semester</b>	V	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>
<b>Pre-Requisite</b>		<b>Co-requisite</b>					
<b>Course Objectives</b>	<p>On completion of the course, the students will be able to:</p> <p>Perform assessment of children: health, developmental &amp; anthropometric Provide nursing care to children with various medical disorders Provide pre &amp; post operative care to children with common pediatric surgical conditions / malformation Perform immunization as per NIS Provide nursing care to critically ill children Give health education / nutritional education to parents Counsel parents according to identified counseling needs</p>						

Course Outcomes	
<b>CO1</b>	Provide nursing care to critically ill children
<b>CO2</b>	Give health education / nutritional education to parents
<b>CO3</b>	Counsel parents according to identified counseling needs
<b>CO4</b>	Perform immunization as per NIS

Unit No.	Title of the Unit	Content of Experiment	Contact Hrs.	Mapped CO
1.		Administration of medication – Oral , IM & IV	2	1
2.		Oxygen administration Urinary catheterization and drainage, Ostomy care	2	1
3.		Application of restraints Feeding - NG, gastrostomy, Wound dressing Suture removal	2	1
4.		Specimen collection	2	2
5.		Taking pediatric history Physical examination & assessment of children Administration of oral, I/M & I/V medicine / fluids Calculation of fluid replacement	2	2
6.		Preparation of different strengths of I/V fluids Baby bath / sponge bath Feeding children by Katori spoon, Paladai cup Teaching mothers / parents	2	2
7.		Malnutrition Oral rehydration therapy Feeding & weaning Immunization schedule Play therapy	2	3
8.		Calculation, preparation & administration of I/V fluids Feeding: Naso-gastric Gastrostomy, Jejunostomy Care of surgical wounds Dressing – Suture removal	2	3
9.		Health assessment Developmental assessment Anthropometric assessment Nutritional assessment Immunization Health / Nutritional education	2	4
10.		Administration of medication – oral, IM & IV, Oxygen administration Application of restraints, Specimen collection Urinary catheterization and drainage Ostomy care	2	4
11.		Feeding-NG, gastrostomy, Jejunostomy, Wound dressing Suture removal	2	2

**Reference Books:**

1. A Guide to Mental Health & Psychiatric Nursing , R Sreevani, Jp Brothers , 4<sup>th</sup> Edition
2. DEBR'S Mental Health Psychiatric Nursing, D. Ellakuvana, Bhaskar Raj , Emmees Publication
3. Essential Of Mental Health Nursing, Pawan Sharma, Jp Publication
4. A Guide to Mental Health & Psychiatric Nursing , R Sreevani, Jp Brothers , 4<sup>th</sup> Edition

**e-Learning Source:**

<http://library.iul.ac.in/elibrary.aspx>

<https://india.oup.com/>

<https://www.doabooks.org/>

	Course Articulation Matrix: (Mapping of COs with POs and PSOs)															
PO- PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	3	2	2	3	2	3	2	2	2	3	2	3	2
CO2	2	3	3	3	1	1	2	2	3	2	2	2	2	2	3	1
CO3	1	3	1	2	2	1	2	2	2	3	1	3	2	2	1	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	3	3	3

2- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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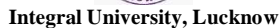
Course Outcomes	
CO1	Perspectives of mental health and mental health nursing, evolution of mental health services, treatments and nursing practices
CO2	Role & function of mental health nurse in various settings and factors affecting the level of nursing practice
CO3	Concepts of normal and abnormal behavior
CO4	Mental health team

<b>Reference Books:</b>
<b>A Guide to Mental Health &amp; Psychiatric Nursing , R Sreevani, Jp Brothers , 4<sup>th</sup> Edition</b>
<b>DEBR'S Mental Health Psychiatric Nursing, D.Ellakuvana, Bhaskar Raj , Emmees Publication</b>
<b>Essential Of Mental Health Nursing, Pawan Sharma, Jp Publication</b>
<b>Essential Mental Health Psychiatric Nursing, KP Neeraja</b>
<b>e-Learning Source:</b>
<a href="http://library.iul.ac.in/elibrary.aspx">http://library.iul.ac.in/elibrary.aspx</a>
<a href="https://www.doabooks.org/">https://www.doabooks.org/</a>
<a href="https://india.oup.com/">https://india.oup.com/</a>

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**1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation**

<b>Name &amp; Sign of Program Coordinator</b>	<b>Sign &amp; Seal of HoD</b>
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Course Outcomes	
CO1	Skill in teaching individual / family on Nutrition, including food hygiene and safety
CO2	Conduct home visit
CO3	Participation in implementation of national health programs
CO4	Participating in school health program

<b>Reference Books:</b>
essentials of community health nursing, k park, 8 <sup>th</sup> edition, bhanot publication
text book of preventive & social medicine, k park, 24 <sup>th</sup> edition, bhanot publication
community health nursing, k k gulani, kumar pulishong house
community health nursing , arthi saxena, lotus publishers
<b>e-Learning Source:</b>
<a href="http://library.iul.ac.in/elibrary.aspx">http://library.iul.ac.in/elibrary.aspx</a>
<a href="https://india.oup.com/">https://india.oup.com/</a>
<a href="https://www.doabooks.org/">https://www.doabooks.org/</a>

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

<p><b>Name &amp; Sign of Program Coordinator</b></p>	<p><b>Sign &amp; Seal of HoD</b></p>
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**Integral University, Lucknow**

Effective from Session: 2022-23							
Course Code	NR310	Title of the Course	CHILD HEALTH NURSING-II	L	T	P	C
Year	3	Semester	VI	2	1	0	3
Pre-Requisite		Co-requisite					
Course Objectives	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						

Course Outcomes	
CO1	Apply the knowledge of Pathophysiology and provide nursing care to children with orthopedic disorders, eye, ear and skin disorders and communicable diseases
CO2	Provide care to children with common behavioral, social and psychiatric problems
CO3	Manage challenged children
CO4	Identify the social and welfare services for challenged children
CO5	Identification and nursing management

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Cardiovascular System: Gastro-intestinal system Genitourinary urinary system: Nervous system:	<p>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, Congenital: Hemophilia, Thalassemia ,Others: Anemia, Leukemia, Idiopathic thrombocytopenic purpura, Hodgkins and non-hodgkins lymphoma</p> <p>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 ,Gastroenteritis, Diarrhea, Vomiting, Protein energy malnutrition, Intestinal obstruction, Hepatic diseases, Intestinal parasites</p> <p>Identification and nursing management of congenital malformations, Congenital: Wilms tumor, Extrophy of bladder, Hypospadiasis, Epispadiasis, Obstructive uropathy, Others: Nephrotic syndrome, Acute glomerulo nephritis, renal failure</p> <p>Identification and nursing management of congenital malformations, Congenital: spinabifida, hydrocephalous ,Others: Meningitis, encephalitis, convulsive disorders (convulsions and seizures), cerebral palsy head injury</p>	20	CO1
2	Disorders of eye, ear and skin Communicable diseases in children, their identification / diagnosis,	Club foot, Hip dislocation ,Fracture Refractory errors Otitis media Atopic ,dermatitis, Tuberculosis ,Diphtheria ,Tetanus Pertussis, Poliomyelitis ,Measles ,Mumps, Chickenpox, HIV / AIDS ,Dengue fever	10	CO2
3	management of behavior and social problems in children	Child Guidance Clinic, Common behavior disorders in children and management ,Enuresis and Encopresis, Nervousness, Nail biting, Thumb sucking, Temper tantrum, Stealing Aggressiveness ,Juvenile delinquency ,School phobia ,Learning disability, Psychiatric disorders in children and management ,Childhood schizophrenia ,Childhood depression, Conversion reaction, Posttraumatic stress disorder, Autistic spectrum disorders ,Eating disorder in children and management ,Obesity ,Anorexia nervosa ,Bulimia ,Management of challenged children ,Mentally ,Physically ,Socially, Child abuse ,Substance abuse ,Welfare services for challenged children in India	10	CO3
4				
5				

**Reference Books:**

1. Vinod k paul, Ghai essential paediatrics
2. Parul dutta, paediatric nursing
3. A padmaja, textbook of child health nursing
4. Raman kalia, textbook of paediatric nursing

**e-Learning Source:**

<http://library.iul.ac.in/elibrary.aspx>

<https://india.oup.com/>

<https://www.doabooks.org/>

	Course Articulation Matrix: (Mapping of COs with POs and PSOs)																	
PO- PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	3	2	2	3	2	3	2	2	2	3	2	3	2	2	1
CO2	2	3	3	3	3	1	2	2	3	2	2	2	2	3	3	3	3	3
CO3	1	3	3	2	2	1	2	2	2	3	1	3	2	2	1	2	1	2
CO4	2	2	3	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3
CO5	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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**Integral University, Lucknow**

Effective from Session:							
Course Code	<u>NR311</u>	Title of the Course	<u>MENTAL HEALTH NURSING-II</u>	L	T	P	C
Year	3RD	Semester	VI	1	1	0	2
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed to provide the students with basic understanding and skills essential to meet psychiatric emergencies and perform the role of community mental health nurse						

Course Outcomes	
CO1	1. Apply nursing process in providing care to patients with organic brain disorders
CO2	2. Identify and respond to psychiatric emergencies
CO3	3. Carry out crisis interventions during emergencies under supervision
CO4	4. Perform admission and discharge procedures as per MHCA 2017
CO5	5. Explore the roles and responsibilities of community mental health nurse in delivering community mental health services

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	<u><b>NURSING MANAGEMENT OF PATIENT WITH SUBSTANCE USE DISORDERS</b></u>  <u><b>NURSING MANAGEMENT OF PATIENT WITH PERSONALITY AND SEXUAL DISORDERS</b></u>	Prevalence and incidence ,Commonly used psychotropic substance: classifications, forms, routes, action, intoxication and withdrawal ,Psychodynamics / etiology of substance use disorders (Terminologies – substance, use, abuse, tolerance, dependence, withdrawal),Diagnostic criteria / formulations,Nursing assessment: history (substance history), physical, mental assessment and drug and drug assay,Treatment (detoxification. Antabuse and narcotic antagonist therapy and harm reduction, brief interventions, MET, refusal skills, maintenance therapy) and nursing management of patients with substance use disorders,Special considerations for vulnerable population,Follow up and home care and rehabilitation  Prevalence and incidence,Classification of disorders ,Etiology, psychopathology, characteristics, diagnosis ,Nursing assessment: history, physical and mental assessment,Treatment modalities and nursing management of patients with personality, sexual and eating disorders ,Geriatric considerations ,Follow up and home care and rehabilitation	12	CO1
2	<u><b>NURSING MANAGEMENT OF BEHAVIOURAL &amp; EMOTIONAL DISORDERS OCCURRING DURING CHILDHOOD AND ADOLESCENCE</b></u>	Intellectual disability, autism, attention deficit, hyperactive disorders, eating disorder, learning disorder),Prevalence and incidence ,Classification ,Etiology, psychodynamics, characteristics, diagnostic criteria / formulations ,Nursing assessment: history, physical, mental status examination and IQ assessment  Treatment modalities and nursing management of childhood disorders including intellectual disability ,Follow up and home care and rehabilitation	08	CO2
3	<u><b>NURSING MANAGEMENT OF ORGANIC BRAIN PSYCHIATRIC EMERGENCIES AND CRISIS INTERVENTION</b></u>	Delirium, Dementia, amnesic disorders) ,Prevalence and incidence ,Classification  Etiology, psychopathology, clinical features, diagnosis and differential diagnosis  Nursing assessment – history, physical, mental and neurological assessment,Treatment modalities and nursing management of organic brain disorders ,Follow up and home care and rehabilitation (attempted suicide, violence / aggression, stupor, delirium tremens and other psychiatric emergencies) and their managements ,Maladaptive behavior of individual and groups, stress, crisis and disaster(s) ,Types of crisis ,Crisis intervention: principles, techniques and process – stress reduction intervention as per stress adapting model – coping enhancement – techniques of counseling	11	CO3
4	<u><b>LEGAL ISSUES IN MENTAL HEALTH NURSING</b></u>	Overview of Indian Lunacy Act and The Mental Health Act 1987,(Protection of Children from Sexual Offence) POSCO Act,Mental Health Care Act (MHCA) 2017 ,Rights of mentally ill clients ,Forensic psychiatry ,Acts related to narcotic and psychotropic substances and illegal drug trafficking ,Admission and discharge procedures as per MHCA 2017 ,Role and responsibilities of nurses in implementing MHCA 2017	04	CO4
5	<u><b>COMMUNITY MENTAL HEALTH NURSING</b></u>	Development of community mental health services ,National mental health policy viz. national health policy ,National mental health programme ,Institutionalization versus deinstitutionalization ,Model of preventive psychiatry ,Mental health services available at the primary, secondary, tertiary levels including rehabilitation and nurses responsibilities ,Mental health agencies: government and voluntary, national and international ,Mental health nursing issues for special populations: children, adolescence, women elderly, victims of violence and abuse, handicapped, HIV/AIDS etc.		

**Reference Books:**

- A Guide to Mental Health & Psychiatric Nursing**
- DEBR'S Mental Health Psychiatric Nursing**

<b>7. Essential Of Mental Health Nursing</b>
<b>e-Learning Source:</b>
<a href="http://library.iul.ac.in/elibrary.aspx">http://library.iul.ac.in/elibrary.aspx</a>
<a href="https://india.oup.com/">https://india.oup.com/</a>
<a href="https://www.doabooks.org/">https://www.doabooks.org/</a>
<a href="http://library.iul.ac.in/elibrary.aspx">http://library.iul.ac.in/elibrary.aspx</a>

	Course Articulation Matrix: (Mapping of COs with POs and PSOs)																	
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1
CO2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	2	3
CO3	1	3	2	2	2	1	1	2	2	2	1	3	2	2	1	1	1	2
CO4	2	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
CO5	3	3	2	2	2	2	2	2	2	2	2	2	2	1	2	3	2	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

<b>Name &amp; Sign of Program Coordinator</b>	<b>Sign &amp; Seal of HoD</b>



**Integral University, Lucknow**

Effective from Session: 2022-23

Course Code	<b>NR312</b>	Title of the Course	<b>NURSING MANAGEMENT AND LEADERSHIP</b>	L	T	P	C
Year	<b>3</b>	Semester	<b>IV</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>
Pre-Requisite		Co-requisite					
Course Objectives	: This course is designed to enable students to acquire knowledge and competencies in areas of administration and management of nursing services and education. Further prepares the students to develop leadership competencies and perform their role as effective leaders in an organization						

Course Outcomes	
<b>CO1</b>	1. Analyze the health care trends influencing development of nursing services and education in India
<b>CO2</b>	2. Describe the principles, functions and process of management applied to nursing
<b>CO3</b>	3. Develop basic understanding and beginning competencies in planning and organizing nursing services in a hospital
<b>CO4</b>	4. Apply the concept of human resource management and identify the job description for all categories of nursing personnel including in service education
<b>CO5</b>	5. Discuss the principles and methods of staffing and scheduling in an individual hospital / nursing unit

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	<b>HEALTH CARE AND DEVELOPMENT OF NURSING SERVICES IN INDIA</b> <b>CONTENT:</b> <b>MANAGEMENT BASICS APPLIED TO NURSING</b> <b>Introduction to Management Process</b> <b>CONTENT:</b> <b>PLANNING NURSING SERVICES</b>	Current health care delivery system of India-review ,Planning and development of nursing services and education at global and national scenario,Recent trends and issues of nursing service and management ,Definitions, concepts and theories of management ,Importance, features and levels of management ,Management and administration ,Functions of management Principles of management ,Role of a nurse as a manager Planning ,Organizing ,Staffing ,Directing / Leading ,Controlling, Vision, mission, philosophy, objectives,Nursing service policies, procedures and manuals ,Functional and operational planning ,Strategic planning ,Programme planning: Gantt chart & milestone chart ,Budgeting – concepts, principles, types, Budget proposal, cost benefit analysis ,Planning hospital and patient care unit (Ward) ,Planning for emergency and disaster	7	CO1
2	<b>ORGANIZING</b> <b>CONTENT:</b> <b>STAFFING (HUMAN RESOURCE MANAGEMENT)</b> <b>In service education Material resource management</b> <b>CONTENT:</b> <b>DIRECTING &amp; LEADING</b>	Organizing as a process – assignment, delegation and coordination ,Hospital – types, functions & organization, Organizational development ,Organizational structure, Organizational charts ,Organizational effectiveness,Hospital administration, control & line of authority ,Hospital statistics including hospital utilization indices ,Nursing care delivery system and trends ,Role of nurse in maintenance of effective Organizational climate ,Definition, objectives, components and functions ,Staffing – philosophy, staffing activities ,Recruiting, selecting, deployment ,Training, development, credentialing, retaining, promoting, transfer, terminating, superannuation ,Staffing units – projecting staffing requirements / calculation of requirements of staff resources, nurse patient ratio, nurse population ratio as per SIU / norms / IPH norms and patient classification system ,Categories of nursing personnel including job description of all levels ,Assignment and nursing care responsibilities ,Turnover and absenteeism ,Staff welfare ,Discipline and grievances,Nature and scope of in service education programme ,Principles of adult learning review ,Planning and organizing in service educational programme ,Methods, techniques and evaluation ,Preparation of report ,Procurement, purchasing process, inventory control & role of nurse , Auditing & maintenance in hospital and patient care unit ,Definition, principles, elements of directing ,Supervision and guidance ,Participatory management ,Inter professional collaboration ,Management by objectives,Team management ,Assignments, rotations, Maintenance of discipline ,Leadership in management	16	CO2
3	<b>LEADERSHIP</b> <b>CONTENT:</b> <b>CONTROLLING ORGANIZATIONAL BEHAVIOR AND HUMAN RELATIONS</b>	Definition, concepts and theories,Leadership principles and competencies,Leadership style – situational leadership, transformational leadership,Methods of leadership development ,Mentorship / preceptor ship in nursing ,Delegation, power & politics, empowerment, mentoring and coaching ,Decision making and problem solving,Conflict management and negotiation ,Implementing planned change,Implementing standards, policies, procedures, protocols and practices ,Nursing performance audit, patient satisfaction,Nursing rounds, documentation records and reports ,Total quality management – quality assurance, quality and safety ,Performance appraisal ,Programme evaluation review technique (PERT),Bench marking, activity plan (Gantt chart),Critical path analysis ,Concepts and theories of organizational behavior ,Group dynamics,Review: interpersonal relationship ,Human relations ,Public relations in the context of nursing ,Relations with professional associations and employee unions ,Collective bargaining ,Review: Motivation and morale building ,Communication in the work place - assertive communication ,Committees – importance in the organization, functioning	12	CO3

4	<b>FINANCIAL MANAGEMENT</b> <b>CONTENT:</b> <b>NURSING INFORMATICS / INFORMATION MANAGEMENT – REVIEW</b> <b>CONTENT:</b> <b>PERSONAL MANAGEMENT – REVIEW</b> <b>ESTABLISHMENT OF NURSING EDUCATIONAL INSTITUTIONS</b> <b>CONTENT:</b> <b>PLANNING AND ORGANIZATION</b>	Definition, objectives, elements, functions, principles & scope of financial management ,Financial planning (budgeting for nursing department),Proposal, projecting requirement of staff, equipment and supplies for: Hospital & patient care units & emergency and disaster units ,Budget and budgetary process ,Financial audit ,Patients records ,Nursing records ,Use of computers in hospital, college and community ,Telemedicine & tele nursing ,Electronic Medical Records (EMR), HER,Emotional intelligence ,Resilience building,Stress and time management - de stressing ,Career planning ,Indian Nursing Council norms and guidelines – Faculty norms, physical facilities, clinical facilities, curriculum implementation and evaluation / examination guidelines ,Coordination with regulatory bodies – INC and State Nursing Council ,Accreditation – inspections ,Affiliation with university / State Council / Board of Examinations ,Philosophy, objectives and mission of the college ,Organization structure of school / college ,Review: Curriculum planning ,Planning teaching and learning experiences, clinical facilities – master plan, time table and clinical rotation ,Budget planning – faculty, staff, equipment & supplies, AV aids, lab equipment, library books, journals, computers and maintenance ,Infrastructure facilities – college, classrooms, hostel, library, labs, computer lab, transport facilities ,Records & reports for students, staff, faculty and administrative ,Committees and functioning ,Clinical experiences	12	CO4
5	<b>STAFFING AND STUDENT SELECTION</b> <b>CONTENT:</b> <b>DIRECTING AND CONTROLLING PROFESSIONAL CONSIDERATIONS</b> <b>Review: Legal and Ethical Issues</b>  <i>Review: Professional Ethics Legal aspects in nursing</i>  <b>PROFESSIONAL ADVANCEMENT</b> <b>80 hours (Lab – 10 and clinical – 70 hours)</b>  <b>Practice competencies:</b>  <b>Hospital College &amp; Hostel</b>	Faculty / staff selection, recruitment and placement, job description ,Performance appraisal ,Faculty development ,Faculty / staff welfare ,Students recruitment, admission, clinical placement ,Review: Curriculum implementation and evaluation ,Leadership and motivation, supervision – review, Guidance and counseling ,Quality management – educational audit ,Programme evaluation, evaluation of performance, Maintaining discipline ,Institutional records and reports – administrative, faculty, staff and students ,Nursing as a profession : Characteristics of a professional nurse, Nursing practice – philosophy, aim and objectives ,Regulatory bodies – INC and SNC constitution and functions ,Code of ethics and professional conduct – INC & ICN ,Practice standards for nursing – INC , International Council for Nurses (ICN) ,Consumer protection act, patient rights ,Legal terms related to practice, legal system – types of law, tort law & liabilities ,Laws related to nursing practice – negligence, malpractice, breach, penalties ,Invasion of privacy, defamation of character ,Nursing regulatory mechanisms – registration, licensure, renewal, accreditation, nurse practice act, regulation for nurse practitioner / specialist nursing practice , Continuing nursing education ,Career opportunities , Membership with professional organizations – national and international , Participation in research activities , Publications – journal, newspaper ,Clinical posting management experience in hospital / college , Prepare organizational chart of hospital / nursing services / nursing department , Calculate staffing requirements for a particular nursing unit / ward ,Formulate job description at different levels of care ,Prepare duty roster for staff / students at different levels ,Participate in procuring / purchase of equipment & supplies ,Prepare log book / MMF for specific equipment / materials ,Maintain and store inventory and keep daily records ,Prepare and maintain various records & reports of the settings – incident reports / adverse reports / audit reports ,Prepare and implement protocols & manuals , Participate in supervision, evaluation and conducting in service education for the staff ,Prepare organizational chart of college , Formulate job description for tutors , Prepare master plan, time table and clinical rotation , Prepare student anecdotes , Participate in planning, conducting and evaluation of clinical teaching, Participate in evaluation of students' clinical experience , Participate in planning and conducting practical examination OSCE – end of posting	16	CO5

#### Reference Books:

Text Book Of NURSING MANAGEMENT AND LEADERSHIP

Text Book, NURSING MANAGEMENT AND LEADERSHIP DCDutta, Jaypee Publication

A Comprehensive Of Text Book Of NURSING MANAGEMENT AND LEADERSHIP, Annamma Jacob, Jk Brothers, 5<sup>th</sup> Edition

#### e-Learning Source:

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Course Articulation Matrix: (Mapping of COs with POs and PSOs)																		
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CO1	2	2	2	2	2	1	2	2	2	2	2	2	1	2	2	2	2	2
CO2	2	2	2	2	2	2	2	3	2	3	2	2	2	1	2	2	2	2
CO3	2	2	2	2	2	2	2	2	2	2	2	2	1	3	1	2	2	3
CO4	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2	1	2	2
CO5	2	2	2	2	1	1	2	1	2	2	3	2	3	1	1	2	1	1

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

<p><b>Name &amp; Sign of Program Coordinator</b></p>	<p><b>Sign &amp; Seal of HoD</b></p>
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**Integral University, Lucknow**

**Effective from Session: 2022-23**

Course Code	<b>NR313</b>	Title of the Course	<b>MIDWIFERY / OBSTETRIC AND GYNECOLOGY NURSING-I</b>	L	T	P	C
Year	3	Semester	VI	2	1	0	0
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed for students to develop knowledge and competencies on the concepts and principles of midwifery. It helps them to acquire knowledge and skills in rendering respectful maternity care to woman during antenatal, natal and postnatal periods in hospitals and community settings. It further helps to develop skills in managing normal neonates and participate in family welfare programme						

**Course Outcomes**

CO1	1. Demonstrate professional accountability for the delivery of nursing care as per INC standards / ICM competencies that are consistent with moral, altruistic, legal, ethical, regulatory and humanistic principles in midwifery practice
CO2	2. Communicate effectively with individuals, families and professional colleagues fostering mutual respect and shared decision making to enhance health outcomes
CO3	3. Recognize the trends and issues in midwifery / obstetrical nursing
CO4	4. Review and describe the anatomy and physiology of human reproductive system and conception
CO5	5. Describe and apply the physiology in the management of normal pregnancy, birth and puerperium

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	<b>INTRODUCTION TO MIDWIFERY MATERNAL, FETAL &amp; NEWBORN PHYSIOLOGY:</b>	<p>History of midwifery in India ,Current scenario: Midwifery in India – Transformative education for relationship based and transformative midwifery practice in India, National health Programmes related to RMNCH,Current trends in midwifery and gynecology nursing:</p> <p>Respectful Maternity and Newborn Care (RMNC),Midwife Led Care Units (MLCU),Birthing centers, water birth, lotus birth ,Essential competencies for basic midwifery practice (ICM)Universal rights of child-bearing women ,Sexual and reproductive health and rights</p> <p>Legal provisions in midwifery practice in India: INC/MOH &amp; FW regulations</p> <p>Ethical issues in maternal and neonatal care ,Adoption laws, MTP act, Pre Natal Diagnostic Test (PNDT) Act, Surrogate mothers – Roles and responsibilities of a midwife in different settings (hospital / community)</p> <p><b>Anatomy &amp; physiology of human reproductive system and conception</b> <i>Review:</i></p> <p>Female organs of reproduction ,Female pelvis – bones, joints, ligaments, planes, diameters, landmarks, inclination, variation in pelvis shape,,Foetal skull – bones, sutures, fontanelles, diameters, moulding,Fetopelvis relationship ,Physiology of menstrual cycle, menstrual hygiene</p> <p>Fertilization, conception and implantation ,Embryological development,Placental development Placental function: blood brain barrier ,Fetal growth and development Fetal circulation &amp; Fetal nutrition</p>	14	CO1
2	<b>ASSESSMENT AND MANAGEMENT OF NORMAL PREGNANCY (ANTENATAL) PRE PREGNANCY CARE</b>	<p>Review of sexual development (self learning),Socio-cultural aspects of human sexuality (self learning) ,Preconception Care ,Pre-conception counseling (including awareness regarding normal births), Genetic counseling (self learning),Planned parenthood</p> <p><b>Pregnancy assessment and antenatal care (I, II &amp; III Trimesters)</b>,Assess and confirm pregnancy: Diagnosis of pregnancy – signs, differential diagnosis and confirmatory tests</p> <p>Review of maternal nutrition &amp; malnutrition ,Building partnership with women following RMC protocol,,Fathers engagement in maternity care ,Physiological changes during pregnancy - Reproductive system, Cardio-vascular system, respiratory system, Urinary system, Gastro intestinal system, Metabolic changes, Skeletal changes, Skin changes, Endocrine system &amp; psychological changes</p> <p><b>Ante-natal Care:</b></p> <p><b>I Trimester</b> Antenatal assessment: History taking, physical examination, breast examination laboratory investigation ,Identification and management of minor discomforts of pregnancy</p> <p>Antenatal care and counseling (lifestyles in pregnancy, nutrition, shared decision making, risky behavior in pregnancy, counseling regarding sexual life during pregnancy ect),Respectful care and compassionate communication ,Recording and reporting: Clinical procedures as per the Gols guideline,Gol current model of ANC provision,Role of Doula / ASHAs</p>	12	CO2

		<p><b>II Trimester</b> Education and management of physiological changes and discomforts of 2<sup>nd</sup> trimester Rh negative and prophylactic anti D, Second trimester tests and health education Interpreting screening results Health education on IFA, calcium and vitamin D supplementation, glucose tolerance test, immunization etc, Antenatal assessment: abdominal palpation, fetal assessment, auscultate fetal heart rate - Doppler and pinnard's stethoscope</p> <p>Assessment of fetal well-being:, DFMC, biophysical profile, non stress test, cardio-tocography, USG, vibro acoustic stimulation, biochemical tests, Antenatal care, Women centered care</p> <p>Respectful care and compassionate communication ,Referral and collaboration, empowerment</p> <p>Ongoing risk assessment maternal mental health <b>III Trimester</b> Education and management of physiological changes and discomforts of 3<sup>rd</sup> trimester ,Third trimester tests and screening, Fetal engagement in late pregnancy 3<sup>rd</sup> trimester antenatal education classes, Birth preparedness and complication readiness ,Health education on exclusive breastfeeding ,Danger signs of pregnancy - recognition of ruptured membranes</p> <p>Ongoing risk assessment ,Cultural needs ,Women centered care Respectful and compassionate communication ,Alternative birthing positions-women's preferred choice</p> <p>Role of Doula / ASHAs</p>		
3	PHYSIOLOGY, MANAGEMENT AND CARE DURING LABOUR	<p><b>Review of</b> Normal labour and birth Onset of birth / labour ,Per vaginal examination Stages of labour ,Organization of labour room-Triage, preparation for birth Positive birth environment, Respectful care and communication, Drugs used in labour</p> <p><b>First Stage</b> Physiology of normal labour, Monitoring progress of labour using Partograph</p> <p>Assessing and monitoring fetal well being ,Care during 1<sup>st</sup> stage of normal labour</p> <p>Pain relief in labour (non pharmacological and pharmacological)</p> <p>Psychological support managing fear Activity and positioning during first stage of labour</p> <p>Nutrition during labour, Promote positive childbirth experience for women Birth companion for labour, Role of Doula / ASHAs</p> <p><b>Second Stage</b></p> <p>Physiology (Mechanism of labour), Signs of imminent labor, Intrapartum monitoring Birth position of choice Vaginal examination Psychological support Non directive coaching</p> <p>Management of birth / conduction of delivery - preparation and supporting physiological birthing, Essential newborn care (ENBC), Assessment and care of the newborn immediately following birth ,Role of Doula / ASHAs</p> <p><b>Third Stage</b>, Physiology - placental separation and expulsion, homeostasis Physiological management of third stage of labour, Active management of third stage of labour, Examination of placenta, membranes and vessels Assess perineal, vaginal tear / injuries and suture if required ,Insertion of postpartum IUCD, Immediate perineal care, Initiation of breast feeding</p> <p>Skin to skin contact, Vitamin K prophylaxis , Newborn resuscitation</p> <p><b>Fourth Stage</b></p> <p><b>Care during 4<sup>th</sup> stage of labour</b></p> <p><i>Observation, Critical Analysis and Management of mother and newborn</i></p> <p>Maternal assessment, observation fundal height, uterine consistency, urine output, blood loss Documentation and record of birth Breastfeeding and latching Managing uterine cramp Alternative / complementary therapies Role of Doula / ASHAs</p> <p>Various childbirth practices Safe environment for mother and newborn to promote bonding</p> <p>Maintaining records and reports</p>	12	CO3
4	POSTPARTUM CARE / ONGOING	Normal puerperium - physiology, duration Physiology of puerperium Postnatal assessment and	12	CO4

	<b>CARE OF WOMEN</b>	<p>care facility and home based carePerineal hygiene and care Bladder and bowel function</p> <p>Minor disorders of puerperium and its management Physiology of lactation and lactation management Postnatal counseling and physiological supportNormal postnatal baby blues and recognition of postnatal depression Transition to parenthood Care for the mother from 72 hours to 6 weeks after the delivery Cultural competence (Taboos related to postnatal diet and practices)Diet during lactation - review Post-partum family planning Follow up of postnatal mothersDrugs used in the postnatal period Records and reports</p>		
5	<b>ASSESSMENT AND ONGOING CARE OF NORMAL NEONATES</b>	<p>Family centered care Respectful care and communication</p> <p>Normal neonates - physiological adaptation Newborn assessment and care Screening for congenital anomalies Care of newborn from 72 hours to 6 weeks after the delivery (Routine care of newborn Skin to skin contact and thermoregulation Infection prevention (asepsis and hand washing) ImmunizationMinor disorders of newborn and its management</p> <p><b><u>FAMILY WELFARE SERVICES</u></b></p> <p>Impact of early / frequent childbearing Comprehensive range of family planning methods – Temporary methods- hormonal, non- hormonal &amp; barrier methods Permanent methods – male sterilization &amp; female sterilization Action, effectiveness, advantages, disadvantages, myths, misconception and medical eligibility criteria (MEC) for use of various family planning methods Emergency contraceptives Recent trends and research in contraceptionFamily planning counseling using balanced counseling strategies (BCS)Legal &amp; rights aspects of FP Human rights aspects of FP AdolescentsYouth friendly services – SRHR services, policies affecting SRHR and attitude of nurse &amp; midwives in provision of services ( review) Importance of follow up &amp; recommended timing.</p> <p><b><u>GENDER RELATED ISSUE IN SRH</u></b></p> <p>Gender based violence – physical, sexual abuse , laws affecting GBV &amp; role of nurse / midwives,Special courts for abused people,Gender sensitive health service including family planning.</p>	7	CO5

**Reference Books:**

1. Text Book Of Obstetrics , DC Dutta, 9<sup>th</sup> Edition, Jaypee Brothers
2. Text Book Of Obstetrics & Gynecology , DC Dutta, Jaypee Publication
3. A Comprehensive Of Text Book Of Midwifery & Gynecology Nursing , Annamma Jacob, Jk Brothers, 5<sup>th</sup> Edition
4. Midwifery & Obstetrical Nursing , Nima Bhaskar , Emmess Publication, 2<sup>nd</sup> Edition

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CO2	2	2	3	3	1	1	2	2	3	2	2	2	1	2	2	3	2	2
CO3	1	2	2	2	2	1	2	2	2	3	1	3	2	1	3	2	1	2
CO4	2	2	2	2	2	2	2	2	2	3	2	2	1	2	1	1	2	3
CO5	3	2	1	2	2	2	2	2	2	1	2	2	2	1	2	2	1	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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## Integral University, Lucknow

Effective from Session: 2022-23

Course Code	<b>LAB NR315</b>	Title of the Course	Mental health Lab	L	T	P	C
Year	III Rd Year	Semester	VI Semester	0	0	2	1
Pre-Requisite		Co-requisite					
<b>Course Objectives</b>	On completion of the course, the students will be able to: <ol style="list-style-type: none"> <li>1. Asses patients with mental health problems / disorders</li> <li>2. Observe and assist in various treatment modalities or therapies</li> <li>3. Counsel and educate patients and families</li> <li>4. Perform individual and group psycho-education</li> <li>5. Provide nursing care to patients with mental health problems / disorders</li> <li>6. Motivate patients in the community for early treatment and follow up</li> <li>7. Observe the assessment and care of patients with substance abuse disorders in dead diction centre</li> </ol>						

Course Outcomes	
<b>CO1</b>	History & mental status examination
<b>CO2</b>	Observe / practice psychometric assessment
<b>CO3</b>	Observe and assist in various therapies
<b>CO4</b>	Parental teaching for child with mental deficiency

Unit No.	Title of the Unit	Content of Experiment	Contact Hrs.	Mapped CO
34.	<b>I</b>	NURSING MANAGEMENT OF PATIENT WITH SUBSTANCE USE DISORDERS	2	1
35.	<b>II</b>	NURSING MANAGEMENT OF BEHAVIOURAL & EMOTIONAL DISORDERS OCCURING DURING CHILDHOOD AND ADOLESCENCE	2	1
36.	<b>III</b>	NURSING MANAGEMENT OF ORGANIC BRAIN DISORDERS	2	1
37.	<b>IV</b>	LEGAL ISSUES IN MENTAL HEALTH NURSING	2	2
38.	<b>V</b>	COMMUNITY MENTAL HEALTH NURSING	2	2

**Reference Books:**

**A Guide to Mental Health & Psychiatric Nursing, R Sreevani, Jp Brothers, 4<sup>th</sup> Edition**

**DEBR'S Mental Health Psychiatric Nursing, D.Ellakkuvana, Bhaskar Raj, Emmees Publication**  
**Essential Of Mental Health Nursing, Pawan Sharma, Jp Publication**

**e-Learning Source:**

**Demonstration**

<http://library.iul.ac.in/elibrary.aspx>  
<https://india.oup.com/>

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**1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation**

<b>Name &amp; Sign of Program Coordinator</b>	<b>Sign &amp; Seal of HoD</b>
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## Integral University, Lucknow

Effective from Session: 2017-18

Course Code	NR317	Title of the Course	<b>CLINICAL POSTING</b>	L	T	P	C
Year	3	Semester	VI	0	0	0	24
Pre-Requisite		Co-requisite					
Course Objectives	This course is designed for students to develop knowledge and competencies on the concepts and principles of midwifery. It helps them to acquire knowledge and skills in rendering respectful maternity care to woman during antenatal, natal and postnatal periods in hospitals and community settings.						

Course Outcomes	
CO1	Perform individual and group psycho-education
CO2	Provide nursing care to patients with mental health problems / disorders
CO3	Motivate patients in the community for early treatment and follow up
CO4	Observe the assessment and care of patients with substance abuse disorders in dead diction centre

Unit No.	Title of the Unit	Content of Experiment	Contact Hrs.	Mapped CO
39.		<ul style="list-style-type: none"> <li>History collection</li> <li>Physical examination</li> <li>Obstetric examination</li> <li>Pregnancy confirmation test</li> <li>Urine test</li> <li>Blood testing for Hemoglobin</li> </ul>	2	1
40.		<ul style="list-style-type: none"> <li>Blood test for malaria</li> <li>Blood test for grouping and typing</li> <li>Kick chart / DFMC / NST / CTG / USG</li> </ul>	2	1
41.		<ul style="list-style-type: none"> <li>Antenatal counseling</li> <li>Preparation for childbirth</li> <li>Birth preparedness and complication readiness</li> </ul>	2	1
42.		<ul style="list-style-type: none"> <li>Postnatal assessment</li> <li>Care of postnatal mothers - normal</li> <li>Care of normal newborn</li> <li>Lactation management</li> </ul>	2	2
43.		<ul style="list-style-type: none"> <li>Postnatal counseling</li> <li>Health teaching on postnatal and newborn care</li> <li>Family welfare counseling</li> </ul>	2	2
44.		<ul style="list-style-type: none"> <li>Assessment for woman in labour</li> <li>Partograph</li> </ul>	2	2
45.		<ul style="list-style-type: none"> <li>Per vaginal examination if indicated</li> <li>Obstetric examination</li> <li>Care during first stage of labour</li> </ul>	2	3
46.		<ul style="list-style-type: none"> <li>Pain management techniques</li> <li>Positions in labour</li> </ul> Preparation for labour - articles, physical, psychological	2	3
47.		<ul style="list-style-type: none"> <li>Conduction of normal delivery</li> <li>Essential newborn care</li> <li>Newborn resuscitation</li> </ul>	2	4

48.		<ul style="list-style-type: none"> <li>Active management of third stage of labour</li> <li>Monitoring and care during fourth stage of labour</li> </ul>	2	4
<b>Reference Books:</b>				
1. Clinical Nursing Procedures, Sandhya Ghai, CBS Publishers, 2 <sup>nd</sup> Edition				
2. Clinical Nursing Procedures & Art Of Nursing Practice, Annamma Jacob, Rekha R, Jaypee Brothers, 3 <sup>rd</sup> Edition				
Clinical Nursing Procedures, Sandhya Ghai, CBS Publishers, 1 <sup>st</sup> Edition				
3. Clinical Nursing Procedures, Sandhya Ghai, CBS Publishers, 2 <sup>nd</sup> Edition				
<b>e-Learning Source:</b>				
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CO2	3	3	3	3	3	3	2	3	3	3	1	1	2	3	3	3
CO3	3	3	3	3	3	3	2	3	3	2	1	1	2	3	3	3
CO4	3	3	3	3	2	3	2	2	3	3	1	1	2	3	3	3

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