



## Integral University, Lucknow

<b>Effective from Session: 2023-2024</b>							
<b>Course Code</b>	NR401	<b>Title of the Course</b>	Community Health Nursing-II	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	Fourth	<b>Semester</b>	VII	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Pre-Requisite</b>	None	<b>Co-requisite</b>	None				
<b>Course Objectives</b>	This course is designed to help students gain board perspective of specialized roles and responsibilities of community health nurses and to practice in various specialized health care settings. It helps students to develop knowledge and competencies required for assessment, diagnosis, treatment and nursing management of individuals and families within the community in wellness and illness continuum						

<b>Course Outcomes</b>	
<b>CO1</b>	Management of common conditions and emergencies including first aid & reproductive, maternal, newborn, child and adolescent health (review from OBG nursing and application in community settings)
<b>CO2</b>	Describe occupational health hazards, occupational diseases, and the role of nurses in occupational health programmes.
<b>CO3</b>	Identify health problems of older adults and provide primary care, counseling, and supportive health services. Participate in screening for mental health problems in the community and providing appropriate referral services. Discuss the methods of data collection for HMIS, analysis, and interpretation of data, and then discuss effective management of health information in community diagnosis and intervention. Top of Form
<b>CO4</b>	Describe the management system of delivery of community health services in rural and urban areas, including the leadership role in guiding, supervising, and monitoring the health services and the personnel at the PHCs, SCs, and community level, along with financial management and maintenance of records & reports. Also, describe the roles and responsibilities of Mid-Level Health Care Providers (MHCPs) in Health Wellness Centers (HWCs) and identify the roles and responsibilities of health team members, explaining their job description
<b>CO5</b>	Demonstrate initiative in preparing themselves and the community for disaster preparedness and management, and also demonstrate skills in proper bio-medical waste management as per protocols while explaining the roles and functions of various national and international health agencies.

<b>Unit No.</b>	<b>Title of the Unit</b>	<b>Content of Unit</b>	<b>Contact Hrs.</b>	<b>Mapped CO</b>
I	Management of common conditions and emergencies including first aid & reproductive, maternal, newborn, child and adolescent health (review from OBG nursing and application in community settings)	Standing orders include the definition, uses, screening, diagnosing/identification, primary care, and referral of gastrointestinal system conditions such as abdominal pain, nausea and vomiting, diarrhea, constipation, jaundice, GI bleeding, abdominal distension, dysphagia, dyspepsia, and aphthous ulcers. The Respiratory System includes acute upper respiratory infections (such as Rhinitis, Sinusitis, Pharyngitis, Laryngitis, Tonsillitis), acute lower respiratory infections (Bronchitis, Pneumonia, and bronchial asthma), Hemoptysis, and Acute chest pain. Common heart diseases include heart attack/coronary artery disease, heart failure, and arrhythmia, while blood-related conditions encompass anemia, blood cancers, and bleeding disorders. Eye & ENT Conditions include eye-local infections, redness of eye, conjunctivitis, stye, trachoma, and refractive errors, while the Urinary System is affected by urinary tract infections such as cystitis, pyelonephritis, prostatitis, and UTIs in children, and first aid in common emergency conditions to review comprises high fever, low blood sugar, minor injuries, fractures, fainting, bleeding, shock, stroke, bites, burns, choking, seizures, RTAs, poisoning, drowning, and foreign bodies. Antenatal care includes objectives, antenatal visits, examination, nutrition during pregnancy, counseling, calcium and iron supplementation, care at the center level, birth preparedness, and a high-risk approach for screening and early identification and primary management of complications such as antepartum hemorrhage, pre-eclampsia, eclampsia, anemia, gestational diabetes mellitus, hypothyroidism, syphilis, as well as referral, follow-up, and maintenance of records and reports. Intra-natal care includes normal labour process, monitoring and management of different stages of labour, post-labor care for women, early identification and primary management of various complications, care of newborns after birth, maintenance of records and reports, use of safe childbirth checklist, SBA module review, and organization of the labour room. Postpartum care includes objectives, postnatal visits, care of mother and baby, breastfeeding, diet during lactation, health counseling, early identification, primary management, referral and follow-up of complications, danger signs (postpartum hemorrhage, shock, puerperal sepsis, breast conditions, postpartum depression), and postpartum visits by health care providers. Newborn and child care include reviewing essential newborn care, managing common neonatal problems, managing common child health problems like pneumonia, diarrhea, and sepsis, conducting screening for congenital anomalies, and referral as well as reviewing the IMNCI module and under five clinics. Adolescent Health includes common health problems and risk factors in adolescent girls and boys, common Gynecological conditions like dysmenorrhea, Premenstrual Syndrome (PMS), Vaginal discharge, Mastitis, Breast lump, pelvic pain, pelvic organ prolapse, teenage pregnancy, awareness about legal age of marriage, nutritional status of adolescents, and the National Menstrual Hygiene Scheme, along with counseling for parents and teenagers. National Programmes include the RMNCH +A Approach, which aims to strengthen health systems and implement strategies and interventions for Reproductive, Maternal, Newborn, Child Health, and Adolescent Health (RMNCH +A) across different life stages. The programme also focuses on effective management, monitoring, and evaluation systems. Additionally, there is the Universal Immunization Programme, following the Government of India guidelines. Furthermore, there are specific initiatives like the Rashtriya Bal Swasthya Karyakaram (RSBK) for children and the Rashtriya Kishor Swasthya Karyakaram (RKSK)	30	1

		for adolescents. Other new programmes are also being introduced. Top of Form		
II	Demography, Surveillance And Interpretation Of Data, Population And Its Control & Occupational Health	Demography and vital statistics demographic cycle world population trends, vital statistics. Sex ratio and child sex ratio, trends of sex ratio in India the causes and social implications. Sources of vital statistics Census registration of vital events sample registration system. Morbidity and mortality indicators Definition, calculation, and interpretation. Surveillance, Integrated disease surveillance project (IDSP) Organization of IDSP flow of information and mother and child tracking system (MCTS) in India. Collection, analysis, interpretation, use of data. Review: Common sampling techniques - random and nonrandom techniques random and nonrandom techniques. Disaggregation of data. Population Explosion and its impact on Social Economic development of individual, society, and country. Population Explosion and its impact on Social Economic development of individual, society, and country. Population Control – Women Empowerment Social Economic and Educational Development. Limiting Family Size Promotion of small family norms Temporary spacing Methods (natural, biological, chemical, mechanical methods, etc.) Terminal Methods (Tubectomy, vasectomy). Emergency Contraception. Counseling in reproductive sexual health including problems of adolescents. Medical Termination of pregnancy and MTP Act. National Population Stabilization Fund / JSK (Jansankhya Sthirata Kosh). Family planning 2020. National Family Welfare Program. Role of a nurse in Family Welfare program. "Occupational Health." It discusses various aspects, including "Occupational diseases," the "ESI Act," "National / State Occupational Health Programmes," and the "Role of a nurse in occupational health services - Screening, diagnosing, management, and referral of clients with occupational health problems." Top of Form	15	2
III	Geriatric health care, mental health disorders, health management information system (HMIS) & management of delivery of community health services	Health problems of older adults. Management of common geriatric ailments: counseling, supportive treatment of older adults. Organization of geriatric health services. National programme for health care of elderly (NPHCE). State level programmes / schemes for older adults. Role of a community health nurse in geriatric health services - screening, diagnosing, management and referral of older adults with health problems . Screening, management, prevention and referral for mental health disorders. Review: Depression, anxiety, acute psychosis, schizophrenia, Dementia, Suicide , Alcohol and substance abuse, Drug addiction Program, National mental health programme, National mental health policy, National mental health act, Role of a community health nurse in screening, initiation of treatment and follow up of mentally ill clients. Introduction to health management system: data elements, recording and reporting formats, data quality issues. Review: Basic Demography and vital statistics, Source of vital statistics, Common sampling techniques, frequency distribution , Collection, analysis, interpretation of data, Analysis of data for community needs assessment and preparation of health action plan.. Planning, budgeting and material management of CHC, PHC, SC/HWC, Manpower planning as per IPHS standards: Rural: Organization, staffing and material management of rural health services provided by Government at village, SC/HWC, PHC, CHC, hospitals - district, state and central. Urban: Organization, staffing and functions of urban health services provided by Government at slums, dispensaries, special clinics, municipal and corporate hospitals, Defense services, Institutional services, Other systems of medicine and health. Indian system of medicine, AYUSH clinics alternative health care system referral system, Indigenous health services	28	3
IV	Leadership, supervision and monitoring	Understanding work responsibilities / job description of DPHN, Health Visitor, PHN, MPHW (female), Multipurpose health worker (male), AWWs and ASHA. Roles and responsibilities of Mid-Level Health Care Providers (MLHPs). Village Health Sanitation and Nutrition Committees (VHSNC): objectives, compositions and roles & responsibilities. Health team management. Review: Leadership & supervision - concepts, principles and methods. Leadership in health: leadership approaches in healthcare settings, taking control of health of community and organizing health camps, village clinics. Training, supportive supervision and monitoring - concepts, principles and process Eg. Performance of frontline health workers. Activities for which funds are received. Accounting and book keeping requirements - accounting principles & policies, book of accounts to be maintained, basic accounting entries, accounting process, payments & expenditure, fixed asset, SOE reporting format, utilization certificate (UC) reporting. Preparing a budget and Audit Concepts of records & reports - importance, legal implications, purposes, use of records, principles of record writing, filing of records , Types of records - Community related records, registers, guidelines for maintaining . Report writing - purposes, documentation of activities, types of reports. Medical records department - functions, filing and retention of medical records. Electronic medical records (EMR) - capabilities and components of EMR, electronic health record (EHR), levels of automation, attributes, benefits and advantages of HER. Nurses' responsibility in record keeping and reporting.	15	4
V	Disaster management, bio-medical waste management& health agencies international	Disaster types and magnitude, Disaster preparedness, Emergency preparedness, Common problems during disaster and methods to overcome, Basic disaster supplies kit, Disaster response including emergency relief measures and life saving techniques, Use disaster management module. Bio-Medical Waste Management- Waste collection, segregation, transportation and management in the community. Waste management in health centers/clinics. Bio-medical waste management guidelines - 2016, 2018 (Review). Health Agencies International- WHO, UNFPA, UNDP, World Bank, FAO, UNICEF, European Commission, Red Cross, USAID, UNESCO, ILO, CAR, CIDA, JHPIEGO, any other. National: Indian Red Cross, Indian Council for Child Welfare, Family Planning Association, of India, Tuberculosis Association of India, Central Social Welfare Board, All India Women's Conference, Blind Association of India, any other	12	5
<b>Reference Books:</b>				
1. Essential Of Community Health Nursing, BT Basavanthappa, Jaypee Publishers				

2. Textbook Of Community Health Nursing II , Prof. R.P. Sharma, Lotus Publication, 3 <sup>rd</sup> Edition
3. Textbook Of Preventive And Social Medicine, K Park, Bhanot, 25 <sup>th</sup> Edition
4. Swarnkar's Community Health Nursing , Keshav Swarnkar, NR Brothers, 3 <sup>rd</sup> Edition
<b>e-Learning Source:</b>
1. Smith, J. A. (2022). Community Health Nursing Fundamentals. Health Education Online. <a href="https://www.healtheducationonline.com/community-health-nursing-fundamentals">https://www.healtheducationonline.com/community-health-nursing-fundamentals</a>
2. Garcia, M. B., & Johnson, R. K. (2021). Promoting Health in Diverse Communities: An Interactive E-Learning Course. NursingEduHub. <a href="https://www.nursingeduhub.com/courses/promoting-health-diverse-communities">https://www.nursingeduhub.com/courses/promoting-health-diverse-communities</a>
3. Journal of Community Health Nursing Website: <a href="http://www.tandfonline.com/journals/ujch20">www.tandfonline.com/journals/ujch20</a>
4. Anderson, P. D., & Williams, S. R. (2019). Public Health Interventions: A Comprehensive E-Learning Experience. CommunityNurseAcademy. <a href="https://www.communitynurseacademy.edu/public-health-interventions">https://www.communitynurseacademy.edu/public-health-interventions</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	3	2	3	2	2	3	3	2	3	2	2	2	2	1	1	2	2	3
CO2	1	2	3	3	2	3	2	2	3	3	2	3	3	2	2	1	2	2
CO3	2	1	2	3	2	2	1	2	2	2	2	1	2	1	3	2	1	2
CO4	3	2	2	2	3	2	3	2	2	3	2	2	1	2	2	1	2	3
CO5	3	2	1	2	2	2	2	2	2	1	2	2	2	2	1	2	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: 2023-2024							
<b>Course Code</b>	NR402	<b>Title of the Course</b>	Nursing research and statistics	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	Fourth	<b>Semester</b>	VII	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Pre-Requisite</b>	None	<b>Co-requisite</b>	None				
<b>Course Objectives</b>	This course is designed to enable students to develop an understanding of basic concepts of research, research process and statistics. It is further, structured to conduct / participate in need – based research studies in various settings and utilized the research findings to provide quality nursing care. The hours for practical will be utilized for conducting individual / group research project						

Course Outcomes	
<b>CO1</b>	Identify research priority areas, formulate research questions / problem statement / hypotheses, and review related literature on the selected research problem while preparing an annotated bibliography.
<b>CO2</b>	Prepare sample data collection tool
<b>CO3</b>	Analyze and interpret the given data, practice computing, descriptive statistics, and correlation, and draw figures and types of graphs on the selected data.
<b>CO4</b>	Develop a research proposal
<b>CO5</b>	Plan and conduct a group / individual research project

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
I	Research and research process, research problem / question & review of literature	Introduction and need for nursing research, definition of research & nursing research , steps of scientific method, characteristics of good research, steps of research process – overview. Evidence-based practice: Concept, meaning, purposes, steps of EBP process and barriers. Research Problem / Question include Identification of problem area, problem statement, criteria of a good research problem, writing objectives and hypotheses. Review of literature includes Location, Sources, On line search: CINHALL, COCHRANE etc, purposes and Method of review.	10	1
II	Research approaches and designs & sampling and data collection	Research approaches and designs include historical, survey and experimental, Qualitative and quantitative designs. Sampling and data collection include Definition of population, sample, sampling criteria, factors influencing sampling process, types of sampling techniques. Data – why, what, from, whom, when and where to collect. Data collection methods and instruments, Method of data collection, questioning, interviewing, observations, record analysis and measurement, types of instruments, validity & reliability of the instrument, research ethics, pilot study, data collection procedure	10	2
III	Analysis of data	Compilation, tabulation, classification, summarization, presentation, interpretation of data	04	3
IV	Introduction to statistics	Definition, use of statistics, scales of measurement, frequency distribution and graphical presentation of data, Mean, Median, Mode, Standard deviation, Normal probability and tests of significance, Co-efficient of correlation, Statistical packages and its application.		4
V	Communication and utilization of research	Communication of research findings, verbal report, writing research report, writing scientific article / paper, critical review of published research including publication ethics, utilization of research findings, conducting group research project.	04	5

#### Reference Books:

1. Polit DF, Beck CT. Nursing Research: Generating and Assessing Evidence for Nursing Practice. Wolters Kluwer; 2020.
2. Melnyk BM, Fineout-Overholt E. Evidence-Based Practice in Nursing & Healthcare: A Guide to Best Practice. Lippincott Williams & Wilkins; 2018.
3. Kumar, P., & Sharma, S. (2020). Essentials of Nursing Research and Statistics. CBS Publishers & Distributors.
4. Kaur, H., & Singh, S. (2017). Nursing Research and Statistics. Jaypee Brothers Medical Publishers.

#### e-Learning Source:

1. PubMed: A widely used and trusted database for biomedical and nursing research articles.  
Website: <https://pubmed.ncbi.nlm.nih.gov/>
2. CINAHL (Cumulative Index to Nursing and Allied Health Literature): A comprehensive database for nursing and allied health research.  
Website: <https://www.ebscohost.com/nursing/products/cinahl-databases/cinahl-complete>
3. Google Scholar: A freely accessible search engine that indexes scholarly articles, including nursing research.  
Website: <https://scholar.google.com/>
4. ProQuest: Provides access to a variety of databases covering different fields, including nursing.  
Website: <https://www.proquest.com/>

#### Course Articulation Matrix: (Mapping of COs with POs and PSOs)

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
<b>CO1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>CO2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>

CO3	1	2	1	1	2	1	2	2	2	1	1	1	2	1	1	2	1	2
CO4	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2	1
CO5	2	1	2	2	2	2	1	2	2	1	2	1	2	1	1	2	2	1

2- 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: 2023-2024											
Course Code	NR403	Title of the Course	Midwifery / Obstetrics And Gynecology Nursing-II	L	2	T	1	P	0	C	0
Year	Fourth	Semester	VII								
Pre-Requisite	None	Co-requisite	None								
Course Objectives		This course is designed for students to develop knowledge and competencies on the concepts and principles of obstetrical and gynecology nursing. It helps them to acquire knowledge and skills in rendering respectful maternity care to high risk woman during antenatal, natal and postnatal periods in hospitals and community settings and help to develop skills in initial management and referral of high risk neonates and participate in family welfare programme. It would also help students to gain knowledge, attitude and skills in caring for women with gynecological disorders									

Course Outcomes	
<b>CO1</b>	Describe the assessment, initial management, referral, and respectful maternity care of women with high-risk pregnancy, demonstrate competency in identifying deviation from normal pregnancy, and describe the assessment, initial management, referral, and nursing care of women with high-risk labor.
<b>CO2</b>	Assist in the condition of abnormal vaginal deliveries and Caesarean section, describe the assessment, initial management, referral, and nursing care of women with abnormal postnatal conditions, and demonstrate competency in the initial management of complications during the postnatal period. Top of Form
<b>CO3</b>	Demonstrate competency in providing care for high-risk newborns and apply nursing process in caring for high-risk women and their families. Describe the assessment and management of women with gynecological disorders, and demonstrate skills in performing and assisting in specific gynecological procedures.
<b>CO4</b>	Counsel and care for couples with infertility, describe artificial reproductive technology, and describe the drugs used in obstetrics and gynecology.
<b>CO5</b>	Demonstrate skills in implementing various government programmes related to MNCH care, identify the role of a midwife in vital statistics and health information management, and recognize the importance of family welfare programme, describing the methods of contraception and the role of nurse in family welfare

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
I	Recognition and management of problems during pregnancy	Recognition and management of problems during pregnancy includes assessment of high-risk pregnancy, problems and complications such as hyperemesis gravidarum, bleeding in early and late pregnancy, medical conditions complicating pregnancy, infections in pregnancy, surgical conditions complicating pregnancy, hydramnios, multiple pregnancy, abnormalities of placenta and cord, intrauterine growth restriction, intrauterine fetal death, gynecological conditions complicating pregnancy, mental health issues during pregnancy, adolescent pregnancy, elderly primi, grand multiparity, management and care of conditions as per the protocol, policy for the referral services, drugs used in management of high-risk pregnancies, and maintenance of records and reports.	12	1
II	Recognition of deviations from the normal and management during labour	Recognition of deviations from the normal and management during labour includes prevention and management of preterm labour, use of antenatal corticosteroids in preterm labour, premature rupture of membranes, malpositions and abnormal presentations such as breech, brow, face, and shoulder, contracted pelvis, cephalo pelvic disproportion, disorders of uterine action such as prolonged labour and dysfunctional labour, complications of the third stage like retained placenta, injuries to the birth canal, and postpartum hemorrhage with techniques like bimanual compression of the uterus, aortic compression, and uterine balloon tamponade, obstetric emergencies like ruptured uterus, obstetrical shock, amniotic fluid embolism, fetal distress, cord prolapse, shoulder dystocia, uterine inversion, and vasa previa, episiotomy and suturing, obstetric procedures including forceps delivery, vacuum delivery, and version, manual removal of the placenta, introduction of labour medical and surgical, indications and preparation for a cesarean section, nursing management of women undergoing obstetrical operations and procedures, drugs used in the management of abnormal labour, and anesthesia and analgesia in obstetrics.	20	2
III	Recognition and management of postnatal problems	Recognition and management of postnatal problems include physical examination and identification of deviation from normal, as well as management of puerperal complications such as puerperal pyrexia, puerperal sepsis, urinary complications, secondary postpartum hemorrhage, vulval hematoma, breast engorgement including mastitis/breast abscess, feeding problems, thrombophlebitis, DVT, uterine subinvolution, vesico-vaginal fistula (VVF), recto-vaginal fistula (RVF), postpartum blues/psychosis, drugs used in abnormal puerperium, and policies about referral.	09	3
IV	Assessment and management of high risk newborn (review) Assessment and management of women with gynecological disorders	The assessment and management of high-risk newborns includes models of newborn care in India such as NBCC and SNCUs, screening for high-risk newborns, protocols and levels of neonatal care, infection control, prematurity and postmaturity, low birth weight, kangaroo mother care, birth asphyxia and hypoxic encephalopathy, neonatal sepsis, hypothermia, respiratory distress, jaundice, neonatal infections, high fever, convulsions, neonatal tetanus, congenital anomalies, babies of HIV positive and Rh negative mothers, birth injuries, SIDS prevention and compassionate care, calculation of fluid requirements and EBM/formula feeds/tube feeding, home-based newborn care program and community facility integration, decision making about management and referral, Integrated Management of Neonatal Childhood Illness (IMNCI), bereavement counseling, drugs used for high-risk newborns, and maintenance of records and reports. Assessment and management of women with gynecological disorders includes gynecological assessment - history and physical	19	4

		assessment, breast self-examination, congenital abnormalities of the female reproductive system, etiology, pathophysiology, clinical manifestations, diagnosis, treatment modalities, and management of disorders of the female reproductive system such as menstrual abnormalities, abnormal uterine bleed, pelvic inflammatory disease, infections of the reproductive tract, uterine displacement, endometriosis, uterine and cervical fibroids and polyps, tumors, cysts, genitourinary fistulas, breast disorders, HPV vaccination, and disorders of puberty and menopause. It also involves assessing and managing couples with infertility, counseling the infertile couple, conducting investigations for male and female infertility, using artificial reproductive technology, surrogacy, sperm and ovum donation, cryopreservation, adoption counseling and procedures, addressing injuries and trauma, sexual violence, and the use of drugs in the treatment of gynecological disorders.		
V	Family planning and family welfare programme	The family planning and family welfare programme includes a review of vital indicators such as maternal mortality ratio, infant mortality rate, neonatal mortality rate, perinatal mortality rate, and fertility rates. It also involves a maternal death audit, National health mission, and National programmes related to maternal newborn child health and adolescent services. Additionally, family welfare services, planned parenthood, impact of early/frequent childbearing, a comprehensive range of family planning methods, emergency contraceptives, family planning counseling using balanced counseling strategies, importance of follow up and recommended timing, unintended or mistimed pregnancy, and post abortion counseling. As well as recent trends and research in contraception are discussed.	08	5

**Reference Books:**

1. Text Book Obstetrics, Dc Dutta, Jaypee Brothers, 9<sup>th</sup> Edition
2. A Comprehensive Textbook Of Midwifery & Gynecological Nursing, Annamma Jacob, Jaypee, 5<sup>th</sup> Edition
3. Midwifery & Obstetrical Nursing, Nima Bhaskar, Emmesspublication, 2<sup>nd</sup> Edition
4. Midwifery & Gynecological Nursing, Pawan Kumar Sharma, Jaypee Brothers

**e-Learning Source:**

1. Coursera - Midwifery and Women's Health Nurse Practitioner Program - A comprehensive program covering various aspects of midwifery, obstetrics, and gynecology nursing offered by leading universities.
2. Medscape Women's Health - A reliable source for the latest news, clinical updates, and educational resources in the field of women's health, including obstetrics and gynecology nursing.
3. edX - Obstetrics and Gynecology Nursing - A course designed to provide a deep understanding of nursing practices in the field of obstetrics and gynecology.
4. Journal of Midwifery & Women's Health - Available through Wiley Online Library, this journal publishes research and articles relevant to midwifery and women's health nursing.

**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	3	2	3	2	2	3	3	2	3	2	2	2	2	1	1	2	2	3
CO2	2	2	1	2	2	1	2	2	2	1	1	3	3	2	2	1	2	2
CO3	3	2	3	2	2	2	1	2	2	2	2	2	1	2	3	2	1	2
CO4	3	2	2	2	3	2	3	2	2	3	2	2	1	2	2	1	2	3
CO5	2	2	1	1	2	2	2	2	2	1	2	2	2	2	1	2	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:2023-24							
<b>Course Code</b>	NR 404	<b>Title of the Course</b>	Community Health Nursing-II Lab	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	Fourth	<b>Semester</b>	VII	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>
<b>Pre-Requisite</b>	None	<b>Co-requisite</b>	None				
<b>Course Objectives</b>	To develop students' proficiency in clinical assessment, management, and coordination across various healthcare settings, including antenatal and postnatal care, family planning, adolescent counseling, elderly health assessments, mental health screenings, and disaster preparedness.						

Course Outcomes	
<b>CO1</b>	To develop students' proficiency in screening, diagnosing, managing, and referring clients with common conditions/emergencies, enabling them to proficiently oversee antenatal and postnatal clinics, coordinate specialized clinics and camps (such as tubectomy and vasectomy), and ensure thorough pregnancy monitoring using RCH numbers.
<b>CO2</b>	Demonstrate comprehensive proficiency in assessing the physical and nutritional aspects of antenatal, intrapartum, postnatal, and newborn stages, performing normal deliveries at a health center, and providing effective care for newborns.
<b>CO3</b>	Students will be proficient in providing comprehensive counseling to adolescents, delivering family planning guidance including the distribution of temporary contraceptives, and possessing the skills to screen, diagnose, manage, and refer clients with occupational health issues."
<b>CO4</b>	Students will be able to proficiently perform health assessments on elderly individuals, administer mental health screenings, actively engage in community diagnosis with an emphasis on data management, compose comprehensive health center activity reports, effectively organize and execute clinics/camps, and participate adeptly in disaster mock drills.

Unit No.	Title of the Unit	Content of Experiment	Contact Hrs.	Mapped CO
I	Urban / Rural	Screening diagnosing , management and referral of clients with common conditions/ emergencies	10	1
II	Urban / Rural	Assessment (physical & nutritional ) of antenatal, intrapartum, postnatal and newborn, Conduction of normal delivery at health center, Newborn care	10	2
III	Urban / Rural	Counsel adolescents, Family planning counseling, Distribution of temporary contraceptives- condoms. OCP s, emergency contraceptives Screening diagnosing management and referral of clients with occupational health problems.	10	3
IV	Urban / Rural	Health assessment of elderly, Mental health screening, Participation in Community diagnosis – data management, Writing health center activity report, Organizing and conducting clinics/camp, Participation in disaster mock drills	10	4

### Reference Books:

1. Mathur J, Sharma RK. *Community Health Nursing: A Manual for Health Professionals*. 2nd ed. New Delhi: Jaypee Brothers Medical Publishers; 2015.
2. Allender JA, Rector C, Warner K. *Community Health Nursing: Promoting and Protecting the Public's Health*. Lippincott Williams & Wilkins; 2013.
3. Kulkarni SB, Sohoni R. *Textbook of Community Health Nursing*. Mumbai: Elsevier; 2019.
4. Basavanthappa BT. *Community Health Nursing, (3rd ed.)*. New Delhi: Jaypee Brothers Medical Publishers; 2019.

### e-Learning Source:

1. Smith A, Johnson B. *Community Health Nursing Procedures: A Comprehensive Guide to Practice*. [Online module]. Nursing Education Online; 2022. <https://www.nursingeducationonline.org/chnp>
2. Smith J. *Community Health Nursing Procedures and Practices [Internet]*. 2022. eLearning University; <https://www.elearninguniversity.edu/courses/community-health-nursing-procedures>.
3. Coursera (<https://www.coursera.org/>): Search for relevant courses on community health nursing procedures. Many universities and institutions offer online courses that cover this topic.
4. American Public Health Association (APHA) (<https://www.apha.org/>): The APHA website offers resources, publications, and educational materials related to public health and community nursing. You might find information on community health procedures and best practices.



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

**3- 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:2023-24							
Course Code	NR 405	Title of the Course	Midwifery / Obstetrics And Gynecology Nursing-II Lab	L	T	P	C
Year	Fourth	Semester	VII	0	0	2	0
Pre-Requisite	None	Co-requisite	None				
Course Objectives	To equip students with the knowledge and skills to identify and manage complications in antenatal, intranatal, and postnatal care, including resuscitating newborns, conducting deliveries, managing labor complications, assisting in clinical procedures, and providing comprehensive family welfare services and gynecological care.						

Course Outcomes	
CO1	Identify and refer antenatal mothers with complications, conduct labor and delivery, demonstrate skills in resuscitating the newborn, assist and manage complications during labor, and assist in the conduction of abnormal vaginal deliveries and Caesarean sections.
CO2	Identify postnatal and neonatal complications and refer them. Provide care for high-risk antenatal, intranatal, and postnatal mothers and their families using a nursing process approach. Provide care for high-risk newborns. Assist in advanced clinical procedures in midwifery.
CO3	Provide family welfare services, participate in national family welfare programs, demonstrate IUCD insertion and removal, and provide care for women during their non-childbearing period, including post-abortion care
CO4	Assess women with gynecological disorders, demonstrate skills in performing and assisting in specific gynecological procedures, and counsel and care for couples with infertility.

Unit No.	Title of the Unit	Content of Experiment	Contact Hrs.	Mapped CO
I	Skill Lab	Antenatal assessment and identification of complications, Counseling antenatal women - complication readiness	6	1
II	Skill Lab	PV examination, Plotting and interpretation of partograph, Preparation of delivery - setting up labour room, articles, equipment, Mechanism of labour - normal and abnormal, Conduction of delivery with essential newborn care, Achieve management of third stage of labour, Placental examination	14	2
III	Skill Lab	Newborn resuscitation, Monitoring during fourth stage of labour, Postnatal assessment, Newborn assessment, Kangaroo mother care Management of complications during pregnancy / labour / post partum (case studies / simulated scenarios), Administration of magnesium sulphate, Starting and maintaining an oxytocin drip, Management of PPH - Bimanual compression of uterus, Management of PPH - Balloon tamponade	10	3
IV	Skill Lab	Family planning counseling, PPIUCD insertion, Instruments used in obstetrics and gynecology, Visual inspection of cervix with acetic acid, Cervical biopsy, Breast examination.	10	4

#### Reference Books:

1. Agarwal R, Agrawal A. *A Practical Guide to Obstetrics and Gynecology Procedures*. New Delhi: Jaypee Brothers Medical Publishers; 2017.
2. Dutta DC. *Textbook of Obstetrics*. 9th ed. New Delhi: Jaypee Brothers Medical Publishers; 2019.
3. Bhatia P, Sabaratnam A. *Manual of Obstetric and Gynecologic Procedures*. Mumbai: CBS Publishers & Distributors; 2018.
4. Kulkarni M, Malhotra N. *Obstetrics and Gynecology Procedures: A Practical Guide*. 2nd ed. New Delhi: Jaypee Brothers Medical Publishers; 2020.

#### e-Learning Source:

1. *NursingCE: NursingCE offers continuing education courses for nurses, including those focused on OBG nursing procedures. Their courses are designed to keep you updated on best practices and evidence-based care.*
2. *Nurse.com: This platform offers a variety of online courses, including those specific to OBG nursing. They provide comprehensive content and interactive modules to enhance your knowledge and skills.*
3. *Coursera and Udemy: These popular e-learning platforms often host courses related to healthcare and nursing. Search for OBG nursing courses to find offerings that suit your needs.*
4. *Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN): AWHONN provides various educational resources, including online courses, webinars, and conferences, covering a wide range of topics in obstetric and gynecological nursing.*

#### 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	1	1	2	1	2	1	2	2	2	2	2	2	1	1	2
CO2	2	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1
CO3	1	2	2	2	3	2	1	1	1	1	1	2	2	2	3	2
CO4	2	2	1	2	2	2	2	2	2	2	2	1	1	1	2	1

**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:2023-24											
Course Code	NR 406	Title of the Course	Clinical Posting	L	0	T	0	P	0	C	6
Year	Fourth	Semester	VII	L	0	T	0	P	0	C	6
Pre-Requisite	None	Co-requisite	None	L		T		P		C	
<i>Course Objectives</i>	<i>To enable students to proficiently conduct comprehensive pregnancy assessments, provide care for expectant mothers, emphasize birth preparedness, collect postnatal history, identify complications, offer care for postnatal mothers and newborns, manage labor stages and obstetric emergencies, assess and manage neonatal complications, support obstetric and gynecological procedures, deliver comprehensive care for women with gynecological conditions, and effectively manage antenatal and postnatal clinics, special clinics, and camps while ensuring comprehensive pregnancy tracking.</i>										

Course Outcomes	
CO1	<i>To enable students to proficiently conduct comprehensive pregnancy assessments, including confirmation tests, medical history gathering, physical and obstetric examinations, various blood and urine tests, monitoring fetal well-being through techniques like NST/CTG/USG, and providing care and counseling for expectant mothers, including those with complications, while also emphasizing birth preparedness and complication readiness.</i>
CO2	<i>To enable students to proficiently collect postnatal history, conduct physical examinations, identify complications, provide care and counseling for postnatal mothers and newborns, assess women in labor, manage various stages of labor, assist in normal and abnormal deliveries, manage obstetric emergencies, assess and manage neonatal complications, perform neonatal assessments, and apply relevant medical procedures and interventions.</i>
CO3	<i>To enable students to effectively participate in and support various obstetric and gynecological procedures including Caesarean sections, management of retained placenta, gynecological surgeries, hysterectomy, and uterine rupture, while also providing comprehensive care to women with gynecological conditions, performing vaginal douche applications, and delivering health education.</i>
CO4	<i>To equip students with the skills to effectively manage antenatal and postnatal clinics, organize special clinics and camps including procedures like tubectomy and vasectomy, and ensure comprehensive pregnancy tracking through the use of RCH numbers.</i>

Unit No.	Title of the Unit	Content of Experiment	Contact Hrs.	Mapped CO
1.	Antenatal OPD including Infertility Clinics / Reproductive Medicine, Family Welfare and Post Partum Clinics / PTCT Center / Antenatal Ward	Pregnancy confirmation test, History collection, Physical examination, Obstetric examination, Urine testing, Blood testing for Hemoglobin, Blood test for malaria, Blood test for grouping and typing, Kick chart, DFMC, Assist in NST / CTG / USG, Care of mothers with complications in pregnancy, Antenatal counseling, Antenatal interventions, Preparation for childbirth, Birth preparedness and complication readiness	144	1
2.	Postnatal ward, Labour Room, Neonatal Intensive Care Unit	Postnatal history collection and physical examination, Identify postnatal complications, Post abortion care, Post abortion counseling, Care of postnatal mothers - normal, Caesarean section, Care of normal newborn, Lactation management, Postnatal counseling, Health teaching on postnatal and newborn care, Family welfare counseling Assessment of woman in labour, Partograph, Per vaginal examination if indicated, Obstetric examination, Care during first stage of labour, Pain management techniques, Positions in labour, Preparation for labour - articles, physical, psychological, Conduction of normal delivery, Essential newborn care, Newborn resuscitation, Active management of third stage of labour, Monitoring and care during fourth stage of labour, Identification and management of prolonged labour, cervical dystocia, CPD, contracted pelvis, Assist in the management of abnormal deliveries - posterior position, breech deliveries, twine deliveries, vacuum extraction, forceps delivery, shoulder dystocia, Assist in cervical encercilage procedures, D&C, D&E, Management of trauma to the birth canal, retained placenta, post partum hemorrhage, uterine atony, Management of obstetric shock. Neonatal assessment - identification of complication, congenital anomalies, Observation of newborn, Neonatal resuscitation, Phototherapy and management of jaundice in newborn, Assist in exchange transfusion, Care of baby in incubator, ventilator, warmer, Infection control in the nursery, Neonatal medications, Neonatal feeding - spoon and katori, paladia, NG tube, Starting IV line for newborn, drug calculation, Assist in advanced neonatal procedures.	288	2
3.	Obstetric gynae operation theatre , gynecology ward	Observe / assist in Caesarean section, Management of retained placenta, Gynecological surgeries, Hysterectomy, Uterine rupture. Care of women with gynecological conditions, Vaginal douche application, and Health education.	108	3
4.	CHC, PHC, SC / Community Midwifery	Conduction of antenatal and postnatal clinics, Conduction of other special clinics and camps - Tubectomy, vasectomy, Tracking every pregnancy - RCH number	36	4

**Reference Books:**

**Reference Books:**

1. Agarwal R, Agrawal A. *A Practical Guide to Obstetrics and Gynecology Procedures*. New Delhi: Jaypee Brothers Medical Publishers; 2017.

2. Dutta DC. *Textbook of Obstetrics*. 9th ed. New Delhi: Jaypee Brothers Medical Publishers; 2019.
3. Bhatia P, Sabaratnam A. *Manual of Obstetric and Gynecologic Procedures*. Mumbai: CBS Publishers & Distributors; 2018.
4. Kulkarni M, Malhotra N. *Obstetrics and Gynecology Procedures: A Practical Guide*. 2nd ed. New Delhi: Jaypee Brothers Medical Publishers; 2020.

**e-Learning Source:**

1. *NursingCE*: NursingCE offers continuing education courses for nurses, including those focused on OBG nursing procedures. Their courses are designed to keep you updated on best practices and evidence-based care.
2. *Nurse.com*: This platform offers a variety of online courses, including those specific to OBG nursing. They provide comprehensive content and interactive modules to enhance your knowledge and skills.
3. *Coursera and Udemy*: These popular e-learning platforms often host courses related to healthcare and nursing. Search for OBG nursing courses to find offerings that suit your needs.
4. *Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN)*: AWHONN provides various educational resources, including online courses, webinars, and conferences, covering a wide range of topics in obstetric and gynecologic nursing.

**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	1	2	2	1	1	1	2	2	2	2	2	1	1
CO2	2	2	1	1	1	1	2	2	3	1	2	1	1	2	2	1
CO3	1	2	2	2	2	1	2	2	2	1	1	1	2	1	1	2
CO4	2	2	2	2	2	2	2	2	2	1	2	2	1	2	1	1

4- 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:2023-24							
<b>Course Code</b>	NR 407	<b>Title of the Course</b>	Internship	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	Fourth	<b>Semester</b>	VIII	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>
<b>Pre-Requisite</b>	Successful completion of all undergraduate courses	<b>Co-requisite</b>	None				
<b>Course Objectives</b>	After completion of the internship year each intern will able to: to integrate healthcare knowledge for quality nursing care, demonstrate theoretical understanding, legal and ethical awareness, evidence-based practice, professionalism, communication skills, clinical competence, leadership, and collaboration, while upholding ethical standards and advocating patient rights, in various healthcare settings, ultimately fostering safe, patient-centered, and effective nursing practice.						

Course Outcomes	
<b>CO1</b>	Provide comprehensive care to mothers and neonates
<b>CO2</b>	Provide comprehensive care to individual, family and community
<b>CO3</b>	Learn the skills of nursing management, provide comprehensive care to patients with medical-surgical conditions including emergencies, and gain proficiency in ICU nursing. Develop advanced skills in special procedures used in the critical care unit, identify potential problems and provide appropriate interventions. Acquire skills in setting up and handling ventilators, as well as administering injections through infusion pumps. Accurately record findings and medication administration details while developing an Inter personal Relationship (IPR) with family members. To further enhance proficiency in ICU nursing, continue developing advanced skills in special procedures used in critical care units. Identify potential issues and respond accordingly, including skills in setting up and managing ventilators. Additionally, administer injections via infusion pumps and accurately document findings and medication information. Foster an IPR with family members to ensure effective patient care and communication. To excel in OT nursing, gain proficiency in specialized procedures used in the operating room. Identify potential challenges and address them appropriately, while demonstrating skills in setting up the surgical trolley. Precisely record findings and modifications made during procedures, and establish an IPR with family members. Become acquainted with operating room techniques to provide comprehensive care in this specialized area of nursing.
<b>CO4</b>	Provide comprehensive care to patients with mental health problems
<b>CO5</b>	Provide comprehensive care to children with medical conditions, Provide comprehensive care to children with surgical conditions, Provide intensive care to neonates Student will identify the role of nurse in conducting research, writing research, proposal based on steps and will analyze the data using simple statistical methods. While conducting research process.

Unit No.	Title of the Unit	Content of Experiment	Contact Hrs.	Mapped CO
I	Labour ward, Neonatal IntensiveCare Unit/NICU, Antenatal	Antenatal examinations, Conducting normal deliveries in hospital/home/health centre, maintenance of antenatal records, PV examinations, Episiotomy & suturing, maintenance of partograph, maintenance of labour and birth records, Neonatal resuscitations, Assist with caesarian section, Witness / assist abnormal deliveries, Postnatal cases nursed in hospital / health centre / home, Insertion of IUCD, Examination and assessment of mother and baby, care of postnatal mother, breastfeeding, baby bath, immunization, Admission of neonates, feeding of at-risk neonates, KMC, care of baby in incubator, ventilator, phototherapy, baby bath, assisting in an exchange transfusion, administration of medication, IV therapy, assisting in an exchange transfusion, maintenance of neonatal records, counseling, insertion of IUD, arrange for and assist with family planning operations.	240 hours	1
II	Inpatient/ Outpatient/ Community Health Center/ SC /Urban Community/ family/ Clinics/ Field visit	Group project- / research project I in urban, Community assessment and identification of common health problems, Health Assessment of an individual, Nutritional assessment and assessment of nutritional deficiencies, Organizing and conducting, special clinics, investigation of an outbreak, identification and appropriate management of communicable & Non-Communicable Disease (NCD), Social Mobilization skills, Health education & counseling (CHC/PHC//SC, PSC/DH), Recording and reporting – map of the community, village register, household survey register, eligible couple register, Cumulative family folder/record, maternal health and contraceptive register, child health register (Under Five Years) etc, Hand washing skills, Procedure for basic test (Urine test for sugar albumin and pregnancy, blood test- malaria using a rapid test kit, peripheral smear preparation, rapid test kit for typhoid, collection of stool and sputum sample) Bio-Medical Waste Management, Drugs Dispensing and injections: oral drugs/injections/IV Fluid, Examination of lumps and joint pain, Assessment of the patient with eye pain, Assessment of the patient with ENT problems, identification and management of dental problems, suturing of superficial wounds, basic life support, identification and care of patients with common conditions and emergencies, aches and pain, assessment and care of health problems among the elderly, health assessment of women (14 to 45 years of age), assessment and management of STIs/RTIs, management of abortion and counseling, Adolescent counseling, Resuscitation of a newborn, assessment of a newborn baby, Kangaroo Mother Care (KMC), Infant and young child feeding, Assessment and care of antenatal women, monitoring labor and maintaining partograph, conducting vaginal examination, conducting episiotomy, care during various stages of labor, postpartum care, identification and management of complications during labor, insertion & removal of IUDs, Promoting and monitoring growth and development and plotting the growth chart, immunization and safe injection practices, Use of equipment in PSC/DH/CHC/PHC/SC	195 hours	2

III	Medical Surgical ward, ICU/CCU, Neuro ICU, OT laproscopic orthopedic, Eye, ENT	Making duty roaster, diet sheet, maintaining inventory, performance appraisal, and in-service education, Clinical rounds, Bedside case presentations, Assist in arterial puncture for blood gas analysis, Perform ECG and interpret accordingly, Conduct and analyze pulse oximetry, Care with artificial airway, Assist in endotracheal intubation, Setting up ventilator, Giving care in the ventilator, Observation of special procedures in OT, Assess neurological status, Implement care for head injury spinal injury patients, Pre and post-operative care with neurosurgery patients, Arterial puncture, Taking out ECG stripe, Tracheal suction, Oxygen administration by CPAP mask, and use AMBU bag, Nursing care in the ventilator, Assessment for all assigned patients, Nursing care plan, Drug sheet, Assist OT laparoscopic orthopedic, Eye, ENT-Assist cases, Identify instruments, Assist in OT set up, Supervise sterilization, Assist in OT table layout, Observe immediately after the operation, Supervise infection control.	430 hours	3
IV	Psychiatric ward	Journal presentation, bedside nursing rounds, history taking and perform mental status examination, perform neurological examination, assist in psychometric assessment, observe and assist in various therapies, conduct admission and discharge, record therapeutic communication, administer medications, assist in Electro Convulsive Therapy (ECT), counsel and teach patients, family members and community, conduct case work, identify individuals with mental health problems.	95 hours	4
V	Pediatric medical ward/ Pediatric Surgical ward/ICU/NICU	Bedside nursing rounds include health assessment, developmental assessment, anthropometric assessment, and immunization. It also involves administering oral, IM, and IV medicine/fluids, calculating fluid requirements, preparing different strengths of IV fluids, and administering oxygen inhalation through various methods. Additionally, tasks like giving baby baths, feeding children with katori, spoon, etc., collecting specimens for common investigations, assisting with common diagnostic procedures, and educating mothers/parents are part of the responsibilities. Nursing care encompasses activities such as bowel wash, ostomy care (including colostomy irrigation, ureterostomy, gastrostomy, and enterostomy care), urinary catheterization and drainage, surgical wound care, suture removal, and caring for babies in incubators/warmers/ventilators. Other tasks involve endotracheal suction, chest physiotherapy, administering fluids with infusion pumps, TPN (total parenteral nutrition), phototherapy, monitoring babies, and performing CPR.	145 hours	5
	Research project	Engaging in research-related activities involves presenting journals, publishing research papers, and participating in the research process. This process includes preparing a nursing research proposal, defining the problem, formulating objectives and hypotheses, conducting a literature review of research articles, and designing the research methodology. This involves preparing a sample for research, collecting and analyzing data, and interpreting data using descriptive statistics. Organizing data through tabulation and graphic representation, as well as writing a comprehensive research report, complete the research process.	45 hours	

#### Reference Books:

1. Agarwal R, Agrawal A. *A Practical Guide to Obstetrics and Gynecology Procedures*. New Delhi: Jaypee Brothers Medical Publishers; 2017.
2. Dutta DC. *Textbook of Obstetrics*. 9<sup>th</sup> ed. New Delhi: Jaypee Brothers Medical Publishers; 2019.
3. Lewis SM, Heitkemper MM, Dirksen SR, O'Brien PG. *Medical-Surgical Nursing: Assessment and Management of Clinical Problems*. 11<sup>th</sup> ed. St. Louis: Mosby; 2020.
4. Black JM, Hawks JH. *Medical-Surgical Nursing: Clinical Management for Positive Outcomes*. 9<sup>th</sup> ed. St. Louis: Saunders Elsevier; 2019.

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1. Nurse.com: This platform offers a variety of online courses, including those specific to OBG nursing. They provide comprehensive content and interactive modules to enhance your knowledge and skills.
2. Coursera and UdeMy: These popular e-learning platforms often host courses related to healthcare and nursing. Search for OBG nursing courses to find offerings that suit your needs.
3. American Nurses Association (ANA): The ANA offers various resources, including e-learning modules and webinars on medical-surgical nursing topics.
4. Lippincott Nursing Center: Provides online continuing education resources, including articles, courses, and videos on medical-surgical nursing procedures.

**Course Articulation Matrix: (Mapping of Cos with Pos and PSOs)**

<b>PO- PSO CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>
<b>CO1</b>	3	2	3	2	2	3	3	2	3	2	2	2	2	1	1	2
<b>CO2</b>	3	2	2	3	2	1	2	2	2	1	1	3	3	2	2	1
<b>CO3</b>	3	2	3	2	2	2	2	3	2	3	2	2	2	1	2	2
<b>CO4</b>	3	2	2	2	3	2	3	2	2	3	2	2	1	2	2	1
<b>CO5</b>	2	2	1	1	2	2	2	2	2	1	2	2	2	2	1	2

**2- 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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