

**STUDY & EVALUATION SCHEME  
OF  
BACHELOR OF SCIENCES  
IN  
NURSING  
(B.Sc. NURSING)**

**(B.Sc. NURSING - III YEAR/ VI SEMESTER)**



**[Applicable w.e.f. Academic Session 2021-22 till revised]**

**INTEGRAL UNIVERSITY, LUCKNOW  
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**(Syllabus approved by Board of Study, Faculty Board, Academic Council, Executive Council of the Integral University, Lucknow)**

**STUDY & EVALUATION SCHEME**  
**BACHELOR OF SCIENCES IN NURSING**  
**(B.Sc. NURSING)**  
**(W.e.f. July 2021)**

**III – Year**

**VI - Semester**

S. No.	Code No.	Name of the Subject	Periods			Credits	Evaluation Scheme				Subject Total
			L	T	P		Sessional			Exam	
							CT	TA	Total	ESE	
1.	NR310	Child Health Nursing (I&II)	1	1	0	2	15	10	25	75	100
2.	NR311	Mental Health Nursing (I&II)	1	1	0	2	15	10	25	75	100
3.	NR312	Nursing Management & Leadership	2	1	0	3	15	10	25	75	100
4.	NR313	Midwifery / Obstetrics & Gynecology-I	2	1	0	3	15*	10*	25*		
5.	NR314	Child Health Nursing Lab (I&II)	0	0	2	1	30	20	50	50	100
6.	NR315	Mental Health Nursing Lab(I&II)	0	0	2	1	30	20	50	50	100
7.	NR 316	Midwifery / Obstetrics & Gynecology-I Lab	0	0	2	1	15*	10*	25*		
8.	NR317	Clinical Posting	0	0	0	0	0	0	0	0	0
		<b>Total</b>	<b>6</b>	<b>4</b>	<b>6</b>	<b>13</b>	<b>105</b>	<b>70</b>	<b>175</b>	<b>325</b>	<b>500</b>

\*will be added to the internal marks of Midwifery / Obstetrics & Gynecology-II Theory and Practical respectively in the next semester (Total weightage remains the same)

**L:** Lecture

**T:** Tutorials

**P:** Practical

**C:** Credit

**CT:** Class Test

**TA:** Teacher Assessment

**ESE:** End Semester Examination

**Sessional Total:** Class Test + Teacher Assessment

**Subject Total:** Sessional Total + End Semester Examination (ESE)

**CHILD HEALTH NURSING-II**  
**NR310**

**L T P**  
**1 1 0**

**PLACEMENT:** VI SEMESTER

THEORY Credits 2: 40 Hours  
Clinical Credit 1:80 Hours

**DESCRIPTION:** This course is designed for developing an understanding of the modern approach to child care, identification, prevention and nursing management of common health problems of neonates and children

**COMPETENCIES:**

On completion of the course, the students will be able to:

1. Apply the knowledge of Pathophysiology and provide nursing care to children with orthopedic disorders, eye, ear and skin disorders and communicable diseases
2. Provide care to children with common behavioral, social and psychiatric problems
3. Manage challenged children
4. Identify the social and welfare services for challenged children
5. Identification and nursing management

**COURSE OUTLINE**

**UNIT = I**

**(20 hrs)**

**CONTENT:**

**Cardiovascular System:**

- Identification and nursing management of congenital malformations
- Congenital heart diseases: Cyanotic and Acyanotic (ASD, VSD, PDA, TOF)
- Others: Rheumatic fever and Rheumatic heart disease, Congestive cardiac failure
- Hematological conditions:
  - a. Congenital: Hemophilia, Thalassemia
  - b. Others: Anemia, Leukemia, Idiopathic thrombocytopenic purpura, Hodgkins and non-hodgkins lymphoma

**Gastro-intestinal system**

- Identification and nursing management of congenital malformations
- Congenital: Cleft lip, Cleft palate, congenital hypertrophic pyloric stenosis, Hirschsprungs disease (Megacolon), Anorectal malformation, Malabsorption syndrome, Abdominal wall defects, Hernia

**Others:** Gastroenteritis, Diarrhea, Vomiting, Protein energy malnutrition, Intestinal obstruction, Hepatic diseases, Intestinal parasites

**Genitourinary urinary system:**

- Identification and nursing management of congenital malformations
- Congenital: Wilms tumor, Extrophy of bladder, Hypospadiasis, Epispadiasis, Obstructive uropathy

- Others: Nephrotic syndrome, Acute glomerulo nephritis, renal failure

### **Nervous system:**

Identification and nursing management of congenital malformations

- a. Congenital: spinabifida, hydrocephalous
- b. Others: Meningitis, encephalitis, convulsive disorders (convulsions and seizures), cerebral palsy head injury

### **UNIT-II**

**10 HOURS**

### **CONTENT:**

#### **ORTHPEDIC DISORDERS**

- Club foot
- Hip dislocation
- Fracture

#### **Disorders of eye, ear and skin**

- Refractory errors
- Otitis media
- Atopic dermatitis

#### **Communicable diseases in children, their identification / diagnosis, nursing management in hospital, in home, control & prevention:**

- Tuberculosis
- Diphtheria
- Tetanus
- Pertussis
- Poliomyelitis
- Measles
- Mumps
- Chickenpox
- HIV / AIDS
- Dengue fever

### **UNIT = III**

**(10hrs)**

### **CONTENT:**

#### **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

**RECOMMENDED 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**

**MENTAL HEALTH NURSING-II**  
**NR311**

**L T P**  
**1 1 0**

**PLACEMENT:** VI SEMESTER

THEORY: 3 Credit (40 Hours)  
LAB: 1 Credits (10 Hours)

**DESCRIPTION:** 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

**COMPETENCIES:**

On completion of the course, the students will be able to:

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

**UNIT = I**

**(12hrs)**

**CONTENT:**

**NURSING MANAGEMENT OF PATIENT WITH SUBSTANCE USE DISORDERS**

- 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

## **NURSING MANAGEMENT OF PATIENT WITH PERSONALITY AND SEXUAL DISORDERS**

- 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

### **UNIT = II**

**(8Hours)**

## **NURSING MANAGEMENT OF BEHAVIOURAL & EMOTIONAL DISORDERS OCCURRING DURING CHILDHOOD AND ADOLESCENCE**

(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

### **UNIT III**

**(11 Hours)**

## **NURSING MANAGEMENT OF ORGANIC BRAIN DISORDERS**

(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

## **PSYCHIATRIC EMERGENCIES AND CRISIS INTERVENTION**

- Types of psychiatric emergencies (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

**UNIT = IV**

**(4 Hours)**

## **LEGAL ISSUES IN MENTAL HEALTH NURSING**

- 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

**UNIT = V**

**(5 Hours)**

## **COMMUNITY MENTAL HEALTH NURSING**

- 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.

## **RECOMMENDED 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.Ellakkuvana, Bhaskar Raj , Emmees Publication
3. **Essential Of Mental Health Nursing**, Pawan Sharma, Jp Publication
4. **Essential Mental Health Psychiatric Nursing**, KP Neeraja



## **NURSING MANAGEMENT AND LEADERSHIP NR312**

**PLACEMENT:** VI Semester

**THEORY:** 3 Credits (60 hours)

1 Credits (80 hours)

Lab: 10 hours

Clinical: 70 hours

**DESCRIPTION:** 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

### **COMPETENCIES**

On completion of the course, the students will be able to

1. Analyze the health care trends influencing development of nursing services and education in India
2. Describe the principles, functions and process of management applied to nursing
3. Develop basic understanding and beginning competencies in planning and organizing nursing services in a hospital
4. Apply the concept of human resource management and identify the job description for all categories of nursing personnel including in service education
5. Discuss the principles and methods of staffing and scheduling in an individual hospital / nursing unit
6. Develop skill in management of materials and supplies including inventory control
7. Develop team working and inter professional collaboration competencies
8. Identify effective leadership styles and develop leadership competences
9. Utilize the knowledge of principles and line of control and participate in quality management and evaluation activities
10. Utilize the knowledge related to financial planning in nursing services and education during budgetary process
11. Apply the knowledge of nursing informatics in maintenance of records and reports relevant to patient information, nursing care and progress
12. Demonstrate understanding of INC guidelines for establishment and accreditation of educational institutions in term of faculty norms, physical infrastructure and clinical facilities
13. Demonstrate beginning competencies in planning, organizing and staffing at college including implementation and evaluation of curriculum
14. Identify the legal issues and laws relevant to nursing practice and education
15. Apply the knowledge and utilize the various opportunities for professional advancement

# **COURSE OUTLINE**

**THEORY: 60 Hours (3Credits)**

**UNIT = I**

**(7Hours)**

## **HEALTH CARE AND DEVELOPMENT OF NURSING SERVICES IN INDIA**

- 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

**CONTENT:**

### **MANAGEMENT BASICS APPLIED TO NURSING**

- 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

#### **Introduction to Management Process**

- Planning
- Organizing
- Staffing
- Directing / Leading
- Controlling

**CONTENT:**

### **PLANNING NURSING SERVICES**

- 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

**ORGANIZING**

- 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

**CONTENT:****STAFFING (HUMAN RESOURCE MANAGEMENT)**

- Definition, objectives, components and functions

*Staffing & scheduling*

- 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

**In service education**

- 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

**Material resource management**

- Procurement, purchasing process, inventory control & role of nurse
- Auditing & maintenance in hospital and patient care unit

## **CONTENT:**

### **DIRECTING & LEADING**

- 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

## **UNIT = III**

**(12 Hours)**

### **LEADERSHIP**

- 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

## **CONTENT:**

### **CONTROLLING**

- 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

## **ORGANIZATIONAL BEHAVIOR AND HUMAN RELATIONS**

- 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

**UNIT = IV**

**(12Hours)**

### **FINANCIAL MANAGEMENT**

- 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

**CONTENT:**

### **NURSING INFORMATICS / INFORMATION MANAGEMENT – REVIEW**

- Patients records
- Nursing records
- Use of computers in hospital, college and community
- Telemedicine & tele nursing
- Electronic Medical Records (EMR), EHR

**CONTENT:**

### **PERSONAL MANAGEMENT – REVIEW**

- Emotional intelligence
- Resilience building
- Stress and time management - de stressing
- Career planning

## **ESTABLISHMENT OF NURSING EDUCATIONAL INSTITUTIONS**

- 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

### **CONTENT:**

#### **PLANNING AND ORGANIZATION**

- 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

**UNIT = V**

**(16 Hours)**

#### **STAFFING AND STUDENT SELECTION**

- Faculty / staff selection, recruitment and placement, job description
- Performance appraisal
- Faculty development
- Faculty / staff welfare
- Students recruitment, admission, clinical placement

### **CONTENT:**

#### **DIRECTING AND CONTROLLING**

- 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

## **PROFESSIONAL CONSIDERATIONS**

### **Review: Legal and Ethical Issues**

- Nursing as a profession : Characteristics of a professional nurse
- Nursing practice – philosophy, aim and objectives
- Regulatory bodies – INC and SNC constitution and functions

#### *Review: Professional Ethics*

- Code of ethics and professional conduct – INC & ICN
- Practice standards for nursing – INC
- International Council for Nurses (ICN)

#### *Legal aspects in nursing*

- 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

## **PROFESSIONAL ADVANCEMENT**

- 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

**80 hours (Lab – 10 and clinical – 70 hours)**

### **Practice competencies:**

#### **Hospital**

1. Prepare organizational chart of hospital / nursing services / nursing department
2. Calculate staffing requirements for a particular nursing unit / ward
3. Formulate job description at different levels of care
4. Prepare duty roster for staff / students at different levels
5. Participate in procuring / purchase of equipment & supplies
6. Prepare log book / MMF for specific equipment / materials
7. Maintain and store inventory and keep daily records
8. Prepare and maintain various records & reports of the settings – incident reports / adverse reports / audit reports
9. Prepare and implement protocols & manuals
10. Participate in supervision, evaluation and conducting in service education for the staff

## **College & Hostel**

1. Prepare organizational chart of college
2. Formulate job description for tutors
3. Prepare master plan, time table and clinical rotation
4. Prepare student anecdotes
5. Participate in planning, conducting and evaluation of clinical teaching
6. Participate in evaluation of students' clinical experience
7. Participate in planning and conducting practical examination OSCE – end of posting



**MIDWIFERY / OBSTETRIC AND GYNECOLOGY NURSING-I**  
**NR313**

**PLACEMENT:** VI SEMESTER

**L T P**  
**2 1 0**

THEORY: 3 Credits (60 Hours)  
SKILL LAB: 1 Credit (40 Hours)  
CLINICAL: (160 Hours)

**DESCRIPTION:** 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

**COMPETENCIES:**

On completion of the programme, the students will be able to:

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
2. Communicate effectively with individuals, families and professional colleagues fostering mutual respect and shared decision making to enhance health outcomes
3. Recognize the trends and issues in midwifery / obstetrical nursing
4. Review and describe the anatomy and physiology of human reproductive system and conception
5. Describe and apply the physiology in the management of normal pregnancy, birth and puerperium
6. Demonstrate competency in providing respectful maternity care for the women during the antenatal, intranatal and postnatal period
7. Conduct normal deliveries and provide essential newborn care
8. Apply nursing process in caring for women and their families

## **COURSE OUTLINE**

**UNIT = I**

**(14 hrs)**

**CONTENT:**

### **INTRODUCTION TO MIDWIFERY**

- 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:
  - 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
- Legal provisions in midwifery practice in India: INC/MOH & FW regulations
- 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)

### **MATERNAL, FETAL & NEWBORN PHYSIOLOGY:**

#### **Anatomy & physiology of human reproductive system and conception**

*Review:*

- 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
- Fertilization, conception and implantation
- Embryological development
- Placental development
- Placental function: blood brain barrier
- Fetal growth and development Fetal circulation & Fetal nutrition

**ASSESSMENT AND MANAGEMENT OF NORMAL PREGNANCY (ANTENATAL)  
PRE PREGNANCY CARE**

- 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

**Pregnancy assessment and antenatal care (I, II & III Trimesters)**

- Assess and confirm pregnancy: Diagnosis of pregnancy – signs, differential diagnosis and confirmatory tests
- Review of maternal nutrition & 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 & psychological changes

**Ante-natal Care:****I Trimester**

- Antenatal assessment: History taking, physical examination, breast examination laboratory investigation
- Identification and management of minor discomforts of pregnancy
- 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
- Gols current model of ANC provision
- Role of Doula / ASHAs

**II Trimester**

- 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
- Assessment of fetal well-being:, DFMC, biophysical profile, non stress test, cardiotocography, USG, vibro acoustic stimulation, biochemical tests

- Antenatal care
- Women centered care
- Respectful care and compassionate communication
- Referral and collaboration, empowerment
- Ongoing risk assessment maternal mental health

### **III Trimester**

- 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
- Ongoing risk assessment
- Cultural needs
- Women centered care
- Respectful and compassionate communication
- Alternative birthing positions-women's preferred choice
- Role of Doula / ASHAs

**UNIT = III**

**(12Hours)**

### **PHYSIOLOGY, MANAGEMENT AND CARE DURING LABOUR**

#### **Review of**

- 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

#### **First Stage**

- Physiology of normal labour
- Monitoring progress of labour using Partograph
- Assessing and monitoring fetal well being
- Care during 1<sup>st</sup> stage of normal labour
- Pain relief in labour (non pharmacological and pharmacological)
- Psychological support managing fear
- Activity and positioning during first stage of labour
- Nutrition during labour
- Promote positive childbirth experience for women
- Birth companion for labour
- Role of Doula / ASHAs

## **Second Stage**

- Physiology (Mechanism of labour)
- Signs of imminent labor
- Intrapartum monitoring
- Birth position of choice
- Vaginal examination
- Psychological support
- Non directive coaching
- 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

## **Third Stage**

- 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
- Skin to skin contact
- Vitamin K prophylaxis
- Newborn resuscitation

## **Fourth Stage**

### **Care during 4<sup>th</sup> stage of labour**

*Observation, Critical Analysis and Management of mother and newborn*

- 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
- Various childbirth practices
- Safe environment for mother and newborn to promote bonding
- Maintaining records and reports

## **UNIT =I V**

**(7Hours)**

### **POSTPARTUM CARE / ONGOING CARE OF WOMEN**

- Normal puerperium - physiology, duration
- Physiology of puerperium
- Postnatal assessment and care facility and home based care
- Perineal hygiene and care
- Bladder and bowel function
- Minor disorders of puerperium and its management
- Physiology of lactation and lactation management
- Postnatal counseling and physiological support
- Normal 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 mothers
- Drugs used in the postnatal period
- Records and reports

## **UNIT = V**

**(15Hours)**

### **ASSESSMENT AND ONGOING CARE OF NORMAL NEONATES**

- Family centered care
- Respectful care and communication
- 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)
- Immunization

Minor disorders of newborn and its management

### **FAMILY WELFARE SERVICES**

- Impact of early / frequent childbearing
- Comprehensive range of family planning methods –
  - Temporary methods- hormonal, non- hormonal & barrier methods
  - Permanent methods – male sterilization & 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 contraception
- Family planning counseling using balanced counseling strategies (BCS)
- Legal & rights aspects of FP
- Human rights aspects of FP Adolescents
- Youth friendly services – SRHR services, policies affecting SRHR and attitude of nurse & midwives in provision of services ( review)
- Importance of follow up & recommended timing.

### **GENDER RELATED ISSUE IN SRH**

- Gender based violence – physical, sexual abuse , laws affecting GBV & role of nurse / midwives
- Special courts for abused people
- Gender sensitive health service including family planning.

### **RECOMMENDED BOOKS:.**

1. **Text Book Of Obstetrics , DC Dutta, 9<sup>th</sup> Edition, Jaypee Brothers**
2. **Text Book Of Obstetrics & Gynecology , DC Dutta, Jaypee Pulication**
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**

## **CHILD HEALTH NURSING-II LAB NR314**

### **PLACEMENT: VI SEMESTER**

**L T P**  
**0 0 2**

LAB Credit 1: (10 HOURS)

CLINICAL:(80 HOURS)

#### **CLINICAL AREA UNIT: PEDIATRIC MEDICAL WARD**

**DURATION IN WEEKS: VI SEM. – 1 WEEK**

#### **PROCEDURAL COMPETENCIES/CLINICAL SKILLS:**

- Application of restraints
- Administration of O<sub>2</sub> inhalation by different methods
- Collection of specimens for common investigations
- Assisting with common diagnostic procedures

#### **CLINICAL AREA UNIT: PEDIATRIC SURGICAL WARD**

**DURATION IN WEEKS: V SEM. – 1 WEEK**

#### **PROCEDURAL COMPETENCIES/CLINICAL SKILLS:**

- Bowel wash, insertion of suppositories
- Care of ostomies
  - ❖ Colostomy Irrigation
  - ❖ Ureterostomy
  - ❖ Gastrostomy
  - ❖ Enterostomy
- Urinary catheterization & drainage

#### **CLINICAL AREA UNIT: NICU & PICU**

**DURATION IN WEEKS: V SEM. – 1 WEEK**

#### **PROCEDURAL COMPETENCIES/CLINICAL SKILLS:**

- Care of a baby in incubator / warmer
  - Care of a child on ventilator, CPAP
  - Endotracheal Suction
  - Chest physiotherapy
  - Administration of fluids with infusion pump
  - Total parenteral nutrition
  - Phototherapy
  - Monitoring of babies
  - Recording & Reporting
- Cardiopulmonary resuscitation (NALS, PLS, PALS)

#### **RECOMMENDED BOOKS:.**



- 1 . A Textbook of Child Health Nursing, A Padmaja, JP Brothers Publication
2. Child Health Nursing, Bt Basavanthappa, JP Brothers Publication
3. Pediatric Nursing, Parul Dutta , JP Brothers Publication, 4<sup>th</sup> Edition

## **MENTAL HEALTH NURSING-II LAB NR315**

**L T P**

**0 0 2**

**MENTAL HEALTH NURSING- II**

**1 Credits (10 Hours)**

**CLINICAL POSTING = 35hrs 7 weeks**

### **PRACTICE COMPETENCIES:**

On completion of the course, the students will be able to:

1. Asses patients with mental health problems / disorders
2. Observe and assist in various treatment modalities or therapies
3. Counsel and educate patients and families
4. Perform individual and group psycho-education
5. Provide nursing care to patients with mental health problems / disorders
6. Motivate patients in the community for early treatment and follow up
7. Observe the assessment and care of patients with substance abuse disorders in dead diction centre

### **CLINICAL POSTING**

#### **CLINICAL AREA UNIT: PSYCHIATRIC OPD**

**DURATION IN WEEKS: 1 WEEK**

#### **PROCEDURAL COMPETENCIES/CLINICAL SKILLS:**

- History taking
- Perform mental status examination (MSE)
- Observe / practice psychometric assessment
- Perform neurological examination
- Observing and assisting in therapies
- Individual and group psycho-education
- Mental hygiene practice education
- Family psycho-education

#### **CLINICAL AREA UNIT: CHILD GUIDANCE CLINIC**

**DURATION IN WEEKS: 1 WEEK**

#### **PROCEDURAL COMPETENCIES/CLINICAL SKILLS:**

- History & mental status examination
- Observe / practice psychometric assessment
- Observe and assist in various therapies
- Parental teaching for child with mental deficiency

## **CLINICAL AREA UNIT: INPATIENT WARD**

**DURATION IN WEEKS: 4 WEEKS**

### **PROCEDURAL COMPETENCIES/CLINICAL SKILLS:**

- History taking
- Mental status examination (MSE)
- Neurological examination
- Assisting in psychometric assessment
- Recording therapeutic communication
- Administration of medications
- Assist Electro-Convulsive Therapy (ECT)
- Participating in all therapies
- Preparing patient for Activities of Daily Living (ADL)
- Conducting admission and discharge counseling
- Counseling and teaching patients and families
- Conduct home visit and case work
- Identifying individuals with mental health problems
- Assisting in organizations of mental health camp
- Conducting awareness meetings for mental health & mental illness
- Counseling and teaching family members, patients and community
- Observing deaddiction care

## **INTERNSHIP**

## **CLINICAL AREA UNIT: PSYCHIATRY WARD**

**DURATION IN WEEKS: 4 WEEKS**

### **PROCEDURAL COMPETENCIES/CLINICAL SKILLS:**

- Provide comprehensive care to patients with mental health problems
- Carry out specific nursing interventions for the clients with different mental disorders

## **RECOMMENDED 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.Ellakkuvana, Bhaskar Raj, Emmees Publication
3. Essential Of Mental Health Nursing, Pawan Sharma, Jp Publication
4. Essential Mental Health Psychiatric Nursing, KP Neeraja

# MIDWIFERY / OBSTETRICS AND GYNECOLOGY – I LAB – NR316

(Skill Lab & Clinical)

PLACEMENT: VI SEMESTER

L T P

0 0 2

Skill Lab: 1 Credit (40 Hours)

Clinical: (240 hours)

## **Practice Competencies:**

On completion of the course, the students will be able to

1. Counsel women and their families on pre-conception care
2. Demonstrate lab tests Eg. Urine pregnancy test
3. Perform antenatal assessment of pregnant women
4. Assess and care for normal antenatal mothers
5. Assist and perform specific investigations for antenatal mothers
6. Counsel mothers and their families on antenatal care and preparation for parenthood
7. Conduct childbirth education classes
8. Set up and manage a delivery unit
9. Prepare and provide respectful maternity care for mothers in labour
10. Perform per vaginal examination for a woman in labour if indicated
11. Conduct normal delivery with essential newborn care
12. Demonstrate skills in resuscitating the newborn
13. Assist women in the transition to motherhood
14. Assess and care for normal postnatal mothers
15. Provide care for postnatal mothers and their newborn
16. Perform postnatal and newborn assessment
17. Counsel mothers on postnatal and newborn care

## **SKILL LAB**

*Procedures / Skills for demonstration and return demonstration*

1. Urine pregnancy test
2. Calculation of EDD, obstetrical score, gestational weeks
3. Antenatal assessment
4. Counseling antenatal mothers - micro birth planning
5. PV examination
6. Plotting and interpretation of partograph
7. Preparation for delivery - setting up labour room, articles, equipment
8. Mechanism of labour - normal
9. Conduction of delivery with essential newborn care
10. Active management of third stage of labour
11. Placental examination
12. Newborn resuscitation
13. Monitoring during fourth stage of labour
14. Postnatal assessment

15. Newborn assessment
16. Kangaroo mother care

**RECOMMENDED BOOKS:.**

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 POSTING NR317**

**PLACEMENT: II SEMESTER**

**Clinical – 240 Hours (4 Credits)**

**CLINICAL AREA UNIT: ANTENATAL OPD AND ANTENATAL WARD**

**DURATION IN WEEKS: 1**

**PROCEDURAL COMPETENCIES/CLINICAL SKILLS:**

- History collection
- Physical examination
- Obstetric examination
- Pregnancy confirmation test
- Urine test
- Blood testing for Hemoglobin
- Blood test for malaria
- Blood test for grouping and typing
- Kick chart / DFMC / NST / CTG / USG
- Antenatal counseling
- Preparation for childbirth
- Birth preparedness and complication readiness

**CLINICAL AREA UNIT: POST-PARTUM CLINIC / PTCT CENTRE AND POSTNATAL WARD**

**DURATION IN WEEKS: 1**

**PROCEDURAL COMPETENCIES/CLINICAL SKILLS:**

- Postnatal assessment
- Care of postnatal mothers - normal
- Care of normal newborn
- Lactation management
- Postnatal counseling
- Health teaching on postnatal and newborn care
- Family welfare counseling

**CLINICAL AREA UNIT: LABOUR ROOM**

**DURATION IN WEEKS: 2**

**PROCEDURAL COMPETENCIES/CLINICAL SKILLS:**

- Assessment for 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