

Semester Plan: -

Total weeks per semester: 26 weeks semester

Number of weeks per semester for instruction: 20 weeks (40 hours per week x 20 weeks=800 hours)

Number of working days: Minimum of 100 working days (5 days per week x 20 weeks)

Vacation, Holidays, Examination and Preparatory Holidays; 6 weeks

Vacation 3 Weeks

Holidays 1 week

Examination and Preparatory Holidays; 2 Weeks

**COURSES OF INSTRUCTION WITH CREDIT STRUCTURE**

6	Sixth	N-CHN(II) 301	Child Health Nursing II	2	40		1	80	120	
		N-MHN(II) 305	Mental Health Nursing II	2	40		2	160	200	
		NMLE 330	Nursing Management & Leadership	3	60		1	80	140	
		N-MIDW(I) / OBGN 335	Midwifery/Obstetrics and Gynaecology (OBG) Nursing I including SBA module	3	60	1	40	3	240	340
		SSCC(II) 325	Self-study/Co-curricular							-
			<b>TOTAL</b>	<b>10</b>	<b>200</b>	<b>1</b>	<b>40</b>	<b>7</b>	<b>560</b>	<b>10+1+ 7=18</b>

**VI SEMESTER**

**Scheme of Examination**

S. No.	Course	Assessment (Marks)				
		Internal	End Semester College exam	End Semester University Exam	Hours	Total marks
<b>Theory</b>						
1	Child Health Nursing (I & II)	25 Sem V-25 & Sem VI-25 (with average of both)		75	3	100
2	Mental Health Nursing (I & II)	25 Sem V-25 & Sem VI-25 (with average of both)		75	3	100
3	Nursing Management & Leadership	25		75	3	100
4	Midwifery/Obstetrics & Gynecology I	*25				
<b>Practical</b>						
5	Child Health Nursing (I & II)	50 (Sem V-25 & Sem VI-25)		50		100
6	Mental Health Nursing (I & II)	50 (Sem V-25 & Sem VI-25)		50		100
7	Midwifery/Obstetrics & Gynecology I	*25				

**\*Will be added to Internal marks of Midwifery II theory and practical respectively in the next semester (Total weightage remains the same)**

## **CHILD HEALTH NURSING - II**

**PLACEMENT:** VI SEMESTER

**THEORY:** 2 Credits (40 hours)

**PRACTICUM:** Clinical: 1 Credit (80 hours)

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

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

1. Apply the knowledge of pathophysiology and provide nursing care to children with Cardiovascular, GI, genitourinary, nervous system disorders, orthopedic disorders, eye, ear and skin disorders and communicable diseases
2. Provide care to children with common behavioural, social and psychiatric problems
3. Manage challenged children
4. Identify the social and welfare services for challenged children

## COURSE OUTLINE

### T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	20 (T)	Describe the etiology, pathophysiology, clinical manifestation and nursing management of children with disorders of cardiovascular, gastrointestinal, genitourinary, and nervous system	<p><b>Cardiovascular system:</b></p> <ul style="list-style-type: none"> <li>• Identification and Nursing management of congenital malformations</li> <li>• <b>Congenital heart diseases:</b> Cyanotic and Acyanotic (ASD, VSD, PDA, TOF)</li> <li>• Others: Rheumatic fever and Rheumatic heart disease, Congestive cardiac failure</li> <li>• <b>Hematological conditions:</b> <ul style="list-style-type: none"> <li>a) Congenital: Hemophilia, Thalassemia</li> <li>b) Others: Anemia, Leukemia, Idiopathic thrombocytopenic purpura, Hodgkins and non-hodgkins lymphoma</li> </ul> </li> </ul> <p><b>Gastro-intestinal system:</b></p> <ul style="list-style-type: none"> <li>• Identification and Nursing management of congenital malformations.</li> <li>• Congenital: Cleft lip, Cleft palate, Congenital hypertrophic pyloric stenosis, Hirschsprungs disease (Megacolon), Anorectal malformation, Malabsorption syndrome, Abdominal wall defects, Hernia</li> <li>• Others: Gastroenteritis, Diarrhea, Vomiting, Protein energy malnutrition, Intestinal obstruction, Hepatic diseases, intestinal parasites</li> </ul> <p><b>Genitourinary urinary system:</b></p> <ul style="list-style-type: none"> <li>• Identification and Nursing management of congenital malformations.</li> <li>• Congenital: Wilms tumor, Extropy of bladder, Hypospadias, Epispadias, Obstructive uropathy</li> <li>• Others: Nephrotic syndrome, Acute glomerulonephritis, renal failure</li> </ul> <p><b>Nervous system:</b></p> <ul style="list-style-type: none"> <li>• Identification and Nursing management of congenital malformations <ul style="list-style-type: none"> <li>a) Congenital: Spina bifida, Hydrocephalous.</li> <li>b) Others: Meningitis, Encephalitis, Convulsive disorders (convulsions and seizures), Cerebral palsy head injury</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Demonstration and practice session</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Objective type</li> <li>• Assessment of skills with checklist</li> </ul>
II	10 (T)	Describe the etiology, pathophysiology, clinical manifestation and nursing	<p><b>Orthopedic disorders:</b></p> <ul style="list-style-type: none"> <li>• Club foot</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Demonstration</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Objective type</li> <li>• Assessment of</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		<p>management of children with Orthopedic disorders, eye, ear and skin disorders</p> <p>Explain the preventive measures and strategies for children with communicable diseases</p>	<ul style="list-style-type: none"> <li>• Hip dislocation and</li> <li>• Fracture</li> </ul> <p><b>Disorder of eye, ear and skin:</b></p> <ul style="list-style-type: none"> <li>• Refractory errors</li> <li>• Otitis media and</li> <li>• Atopic dermatitis</li> </ul> <p><b>Communicable diseases in children,</b> their identification/ diagnosis, nursing management in hospital, in home, control &amp; prevention:</p> <ul style="list-style-type: none"> <li>• Tuberculosis</li> <li>• Diphtheria</li> <li>• Tetanus</li> <li>• Pertussis</li> <li>• Poliomyelitis</li> <li>• Measles</li> <li>• Mumps, and</li> <li>• Chickenpox</li> <li>• HIV/AIDS</li> <li>• Dengue fever</li> <li>• COVID-19</li> </ul>	<ul style="list-style-type: none"> <li>• Practice session</li> <li>• Clinical practice</li> </ul>	<p>skills with checklist</p>
<b>III</b>	10 (T)	<p>Describe the management of children with behavioral &amp; social problems</p> <p>Identify the social &amp; welfare services for challenged children</p>	<p><b>Management of behavior and social problems in children</b></p> <ul style="list-style-type: none"> <li>• Child Guidance clinic</li> <li>• Common behavior disorders in children and management <ul style="list-style-type: none"> <li>○ Enuresis and Encopresis</li> <li>○ Nervousness</li> <li>○ Nail biting</li> <li>○ Thumb sucking</li> <li>○ Temper tantrum</li> <li>○ Stealing</li> <li>○ Aggressiveness</li> <li>○ Juvenile delinquency</li> <li>○ School phobia</li> <li>○ Learning disability</li> </ul> </li> <li>• Psychiatric disorders in children and management <ul style="list-style-type: none"> <li>○ Childhood schizophrenia</li> <li>○ Childhood depression</li> <li>○ Conversion reaction</li> <li>○ Posttraumatic stress disorder</li> <li>○ Autistic spectrum disorders</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Field visits to child guidance clinics, school for mentally &amp; physically, socially challenged</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Objective type</li> <li>• Assessment of field reports</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> <li>• Eating disorder in children and management <ul style="list-style-type: none"> <li>○ Obesity</li> <li>○ Anorexia nervosa</li> <li>○ Bulimia</li> </ul> </li> <li>• Management of challenged children. <ul style="list-style-type: none"> <li>○ Mentally</li> <li>○ Physically</li> <li>○ Socially</li> <li>○ Child abuse,</li> <li>○ Substance abuse</li> </ul> </li> <li>• Welfare services for challenged children in India</li> </ul>		

**CHILD HEALTH NUR CHILD HEALTH NURSING - II – CLINICAL PRACTICUM (1 Credit – 80 hours)**

**Given under Child Health Nursing - I as I & II**

**References**

1. Ghai O.p. et al. (2000) Ghai's Essentials of Paediatrics. 1<sup>st</sup> edn. Mehta offset works. New Delhi.
2. Marlow Dorothy & Redding. (2001) Textbook of Paed. Nsg. 6<sup>th</sup> edn. Harbarcourt India ltd. New Delhi
3. Parthsarathy et al. (2000) IAP Textbook of Paediatric Nsg. Jaypee bros., 2 nd ed. New Delhi.
4. Vishwanathan & Desai. (1999) Achar's Textbook of Paediatrics 3<sup>rd</sup> ed. Orient Longman. Chennai.
5. Wong Dona et al. Whaley & Wong's Nursing care of infants & children.6th edn. Mosby co. Philadelphia.
6. Dr. C.S. Waghale, Principles and Practice of Clinical Pediatrics, Vora publication 1996

## **MENTAL HEALTH NURSING - II**

**PLACEMENT:** VI SEMESTER

**THEORY:** 1 Credit (40 Hours)

**PRACTICUM:** Clinical: 2 Credits (160 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 substance use disorders, and personality and sexual disorders.
2. Apply nursing process in providing care to patients with behavioural and emotional disorders occurring during childhood and adolescence.
3. Apply nursing process in providing care to patients with organic brain disorders.
4. Identify and respond to psychiatric emergencies.
5. Carry out crisis interventions during emergencies under supervision.
6. Perform admission and discharge procedures as per MHCA 2017.
7. Explore the roles and responsibilities of community mental health nurse in delivering community mental health services.

## COURSE OUTLINE

### T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
I	6 (T)	Describe the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with substance use disorders	<b>Nursing Management of Patients with Substance Use Disorders</b> <ul style="list-style-type: none"> <li>• Prevalence and incidence</li> <li>• Commonly used psychotropic substance: classifications, forms, routes, action, intoxication and withdrawal</li> <li>• Psychodynamics/etiology of substance use disorder (Terminologies: Substance Use, Abuse, Tolerance, Dependence, Withdrawal)</li> <li>• Diagnostic criteria/formulations</li> <li>• Nursing Assessment: History (substance history), Physical, mental assessment and drug and drug assay</li> <li>• 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</li> <li>• Special considerations for vulnerable population</li> <li>• Follow-up and home care and rehabilitation</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Case discussion</li> <li>• Case presentation</li> <li>• Clinical practice</li> </ul>	<ul style="list-style-type: none"> <li>• Essay</li> <li>• Short answer</li> <li>• Assessment of patient management problems</li> </ul>
II	6 (T)	Describe the etiology, psychodynamics, clinical manifestations, diagnostic criteria and management of patients with personality, and sexual disorders	<b>Nursing Management of Patient with Personality and Sexual Disorders</b> <ul style="list-style-type: none"> <li>• Prevalence and incidence</li> <li>• Classification of disorders</li> <li>• Etiology, psychopathology, characteristics, diagnosis</li> <li>• Nursing Assessment: History, Physical and mental health assessment</li> <li>• Treatment modalities and nursing management of patients with personality, and sexual disorders</li> <li>• Geriatric considerations</li> <li>• Follow-up and home care and rehabilitation</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Case discussion</li> <li>• Case presentation</li> <li>• Clinical practice</li> </ul>	<ul style="list-style-type: none"> <li>• Essay</li> <li>• Short answer</li> <li>• Assessment of patient management problems</li> </ul>
III	8 (T)	Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of childhood and adolescent disorders including mental deficiency	<b>Nursing Management of Behavioural &amp; Emotional Disorders occurring during Childhood and Adolescence</b> (Intellectual disability, autism, attention deficit, hyperactive disorder, eating disorders, learning disorder) <ul style="list-style-type: none"> <li>• Prevalence and incidence</li> <li>• Classifications</li> <li>• Etiology, psychodynamics, Characteristics, diagnostic criteria/formulations</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Case discussion</li> <li>• Case presentation</li> <li>• Clinical practice</li> </ul>	<ul style="list-style-type: none"> <li>• Essay</li> <li>• Short answer</li> <li>• Assessment of patient management problems</li> </ul>



Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> <li>• Nursing Assessment: History, Physical, mental status examination and IQ assessment</li> <li>• Treatment modalities and nursing management of childhood disorders including intellectual disability</li> <li>• Follow-up and home care and rehabilitation</li> </ul>		
IV	5 (T)	Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of organic brain disorders.	<p><b>Nursing Management of Organic Brain Disorders</b> (Delirium, Dementia, amnestic disorders)</p> <ul style="list-style-type: none"> <li>• Prevalence and incidence</li> <li>• Classification</li> <li>• Etiology, psychopathology, clinical features, diagnosis and Differential diagnosis</li> <li>• Nursing Assessment: History, Physical, mental and neurological assessment</li> <li>• Treatment modalities and nursing management of organic brain disorders</li> <li>• Follow-up and home care and rehabilitation</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Case discussion</li> <li>• Case presentation</li> <li>• Clinical practice</li> </ul>	<ul style="list-style-type: none"> <li>• Essay</li> <li>• Short answer</li> <li>• Assessment of patient management problems</li> </ul>
V	6 (T)	Identify psychiatric emergencies and carry out crisis intervention	<p><b>Psychiatric Emergencies and Crisis Intervention</b></p> <ul style="list-style-type: none"> <li>• Types of psychiatric emergencies (attempted suicide, violence/ aggression, stupor, delirium tremens and other psychiatric emergencies) and their managements</li> <li>• Maladaptive behaviour of individual and groups, stress, crisis and disaster(s)</li> <li>• Types of crisis</li> <li>• Crisis intervention: Principles, Techniques and Process <ul style="list-style-type: none"> <li>- Stress reduction interventions as per stress adaptation model</li> <li>- Coping enhancement</li> <li>- Techniques of counseling</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Case discussion</li> <li>• Case presentation</li> <li>• Clinical practice</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Objective type</li> </ul>
VI	4 (T)	Explain legal aspects applied in mental health settings and role of the nurse	<p><b>Legal Issues in Mental Health Nursing</b></p> <ul style="list-style-type: none"> <li>• Overview of Indian Lunacy Act and The Mental Health Act 1987</li> <li>• (Protection of Children from Sexual Offence) POSCO Act</li> <li>• Mental Health Care Act (MHCA) 2017</li> <li>• Rights of mentally ill clients</li> <li>• Forensic psychiatry and nursing</li> <li>• Acts related to narcotic and psychotropic substances and illegal drug trafficking</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Case discussion</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Objective type</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> <li>• Admission and discharge procedures as per MHCA 2017</li> <li>• Role and responsibilities of nurses in implementing MHCA 2017</li> </ul>		
<b>VII</b>	5 (T)	<p>Describe the model of preventive psychiatry</p> <p>Describe Community Mental health services and role of the nurse</p>	<p><b>Community Mental Health Nursing</b></p> <ul style="list-style-type: none"> <li>• Development of Community Mental Health Services:</li> <li>• National mental health policy viz. National Health Policy</li> <li>• National Mental Health Program</li> <li>• Institutionalization versus Deinstitutionalization</li> <li>• Model of Preventive psychiatry</li> <li>• Mental Health Services available at the primary, secondary, tertiary levels including rehabilitation and nurses' responsibilities</li> <li>• Mental Health Agencies: Government and voluntary, National and International</li> <li>• Mental health nursing issues for special populations: Children, Adolescence, Women Elderly, Victims of violence and abuse, Handicapped, HIV/AIDS etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Clinical/ field practice</li> <li>• Field visits to mental health service agencies</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Objective type</li> <li>• Assessment of the field visit reports</li> </ul>

### **CLINICAL PRACTICUM – 2 Credits (80 hours)**

**Clinical Practicum for Mental Health Nursing - I & II are given under Mental Health Nursing - I Clinical Practicum**

## MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING - I including SBA module

**PLACEMENT:** VI SEMESTER

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

**PRACTICUM:** Skill Lab: 1 Credit (40 hours); Clinical: 3 Credits (240 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, intranatal and postnatal periods in hospitals and community settings. It further helps to develop skills in managing normal neonates and participate in family welfare programs.

**COMPETENCIES:** On completion of the program, 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 and obstetrical nursing.
4. Review and describe the anatomy and physiology of human reproductive system and conception.
5. Describe and apply physiology in the management of normal pregnancy, birth and puerperium.
6. Demonstrate competency in providing respectful and evidence based maternity care for women during the antenatal, intranatal and postnatal period.
7. Uphold the fundamental human rights of individuals when providing midwifery care.
8. Promote physiologic labour and birth, and conduct normal childbirth.
9. Provide evidence based essential newborn care.
10. Apply nursing process approach in caring for women and their families.
11. Describe the methods of contraception and role of nurse/midwife in family welfare services.
12. Recognize the importance of and actively participate in family welfare programs.
13. Provide youth friendly health services and care for women affected by gender based violence.

### COURSE OUTLINE

T – Theory, SL/L – Skill Lab/Lab, C – Clinical

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
I	8 (T)	Explain the history and current scenario of midwifery in India  Review vital health	<b>Introduction to midwifery</b> <ul style="list-style-type: none"> <li>• History of midwifery in India</li> <li>• <i>Current scenario:</i> <ul style="list-style-type: none"> <li>○ Trends of maternity care in India</li> <li>○ Midwifery in India – Transformative education for relationship based and transformative midwifery practice in India</li> </ul> </li> <li>• Vital health indicators – Maternal mortality ratio, Infant Mortality Rate,</li> </ul>	<ul style="list-style-type: none"> <li>• Discussion</li> <li>• Demonstration</li> <li>• Role play</li> <li>• Directed reading and assignment: ICM competencies</li> <li>• Scenario based learning</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Objective type</li> <li>• Essay</li> <li>• Quiz</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		<p>indicators</p> <p>Describe the various national health programs related to RMNCH+A</p> <p>Identify the trends and issues in midwifery</p> <p>Discuss the legal and ethical issues relevant to midwifery practice</p>	<p>Neonatal Mortality Rate, perinatal mortality rate, fertility rates</p> <ul style="list-style-type: none"> <li>○ Maternal death audit</li> <li>● National health programs related to RMNCH+A (Reproductive Maternal Newborn and Child Health + Adolescent Health)</li> </ul> <p><i>Current trends in midwifery and OBG nursing:</i></p> <ul style="list-style-type: none"> <li>○ Respectful maternity and newborn care (RMNC)</li> <li>○ Midwifery-led care units (MLCU)</li> <li>○ Women centered care, physiologic birthing and demedicalization of birth</li> <li>○ Birthing centers, water birth, lotus birth</li> <li>○ Essential competencies for midwifery practice (ICM)</li> <li>○ Universal rights of child-bearing women</li> <li>○ Sexual and reproductive health and rights</li> <li>○ Women's expectations &amp; choices about care</li> </ul> <p><i>Legal provisions in midwifery practice in India:</i></p> <ul style="list-style-type: none"> <li>● INC/MOH&amp;FW regulations</li> <li>● ICM code of ethics</li> <li>● Ethical issues in maternal and neonatal care</li> <li>● Adoption laws, MTP act, Pre-Natal Diagnostic Test (PNDT) Act, Surrogate mothers</li> <li>● Roles and responsibilities of a midwife/Nurse practitioner midwife in different settings (hospital/ community)</li> <li>● Scope of practice for midwives</li> </ul>		
II	6 (T) 3 (L)	Review the anatomy and physiology of human reproductive system	<p><b>Anatomy and physiology of human reproductive system and conception (Maternal, Fetal &amp; Newborn physiology)</b></p> <p><i>Review:</i></p> <ul style="list-style-type: none"> <li>● Female organs of reproduction</li> <li>● Female pelvis – bones, joints, ligaments, planes, diameters, landmarks, inclination, pelvic variations</li> <li>● Foetal skull – bones, sutures,</li> </ul>	<ul style="list-style-type: none"> <li>● Lecture</li> <li>● Discussion</li> <li>● Self-directed learning</li> <li>● Models</li> <li>● Videos &amp; films</li> </ul>	<ul style="list-style-type: none"> <li>● Quiz</li> <li>● Short answer</li> <li>● Essay</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			fontanelles, diameters, moulding <ul style="list-style-type: none"> <li>• Fetopelvic relationship</li> <li>• Physiology of menstrual cycle, menstrual hygiene</li> <li>• Fertilization, conception and implantation</li> <li>• Embryological development</li> <li>• Placental development and function, placental barrier</li> <li>• Fetal growth and development</li> <li>• Fetal circulation &amp; nutrition</li> </ul>		
III	12 (T) 10 (L) 40 (C)	Provide preconception care to eligible couples  Describe the physiology, assessment and management of normal pregnancy  Demonstrate knowledge, attitude and skills of midwifery practice throughout 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup>	<b>Assessment and management of normal pregnancy (ante-natal):</b> <b>Pre-pregnancy Care</b> <ul style="list-style-type: none"> <li>• Review of sexual development (<i>Self Learning</i>)</li> <li>• Socio-cultural aspects of human sexuality (<i>Self Learning</i>)</li> <li>• Preconception care</li> <li>• Pre-conception counseling (including awareness regarding normal birth) Genetic counseling (<i>Self Learning</i>)</li> <li>• Planned parenthood</li> </ul> <b>Pregnancy assessment and antenatal care (I, II &amp; III Trimesters)</b> <b>Normal pregnancy</b> <ul style="list-style-type: none"> <li>• Physiological changes during pregnancy</li> <li>• Assess and confirm pregnancy: Diagnosis of pregnancy – Signs, differential diagnosis and confirmatory tests</li> <li>• Review of maternal nutrition &amp; malnutrition</li> <li>• Building partnership with women following RMC protocol</li> <li>• Fathers' engagement in maternity care</li> </ul> <b>Ante-natal care:</b> <b>1<sup>st</sup> Trimesters</b> <ul style="list-style-type: none"> <li>• Antenatal assessment: History taking, physical examination, breast examination, laboratory investigation</li> <li>• Identification and management of minor discomforts of pregnancy</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Discussion</li> <li>• Demonstration</li> <li>• Self-Learning</li> <li>• Health talk</li> <li>• Role play</li> <li>• Counseling session</li> <li>• Case discussion/presentation</li> <li>• Simulation</li> <li>• Supervised clinical practice</li> <li>• Refer SBA module &amp; Safe motherhood</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Objective type</li> <li>• Assessment of skills with check list</li> <li>• Case study evaluation</li> <li>• OSCE</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		trimesters	<ul style="list-style-type: none"> <li>• Antenatal care : as per GoI guidelines</li> <li>• Antenatal counseling (lifestyle changes, nutrition, shared decision making, risky behavior, sexual life during pregnancy, immunization etc.)</li> <li>• Danger signs during pregnancy</li> <li>• Respectful care and compassionate communication</li> <li>• Recording and reporting: as per the GoI guidelines</li> <li>• Role of Doula/ASHAs</li> </ul> <p><b>II Trimester</b></p> <ul style="list-style-type: none"> <li>• Antenatal assessment: abdominal palpation, fetal assessment, auscultate fetal heart rate – Doppler and pinnard’s stethoscope</li> <li>• Assessment of fetal well-being: DFMC, biophysical profile, Non stress test, cardio-tocography, USG, Vibro acoustic stimulation, biochemical tests.</li> <li>• Antenatal care</li> <li>• Women centered care</li> <li>• Respectful care and compassionate communication</li> <li>• Health education on IFA, calcium and vitamin D supplementation, glucose tolerance test, etc.</li> <li>• Education and management of physiological changes and discomforts of 2<sup>nd</sup> trimester</li> <li>• Rh negative and prophylactic anti D</li> <li>• Referral and collaboration, empowerment</li> <li>• Ongoing risk assessment</li> <li>• Maternal Mental Health</li> </ul> <p><b>III Trimester</b></p> <ul style="list-style-type: none"> <li>• Antenatal assessment: abdominal palpation, fetal assessment, auscultate fetal heart rate – Doppler and pinnard’s stethoscope</li> <li>• Education and management of physiological changes and discomforts of 3<sup>rd</sup> trimester</li> <li>• Third trimester tests and screening</li> <li>• Fetal engagement in late pregnancy</li> <li>• Childbirth preparation classes</li> </ul>	<ul style="list-style-type: none"> <li>• booklet</li> <li>• Lab tests – performance and interpretation</li> <li>• Demonstration</li> <li>• Roleplay</li> <li>• Demonstration of antenatal assessment</li> </ul>	

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> <li>• Birth preparedness and complication readiness including micro birth planning</li> <li>• Danger signs of pregnancy – recognition of ruptured membranes</li> <li>• Education on alternative birthing positions – women’s preferred choices, birth companion</li> <li>• Ongoing risk assessment</li> <li>• Cultural needs</li> <li>• Women centered care</li> <li>• Respectful and compassionate communication</li> <li>• Health education on exclusive breastfeeding</li> <li>• Role of Doula/ASHA’s</li> </ul>	<ul style="list-style-type: none"> <li>• Scenario based learning</li> <li>• Lecture</li> <li>• Simulation</li> <li>• Role play</li> <li>• Refer GoI Guidelines</li> <li>• Health talk</li> <li>• Counseling session</li> <li>• Demonstration of birthing positions</li> <li>• Workshop on alternative birthing positions</li> </ul>	
IV	12 (T) 12 (L) 80 (C)	<p>Apply the physiology of labour in promoting normal childbirth</p> <p>Describe the management and care during labour</p> <p>Discuss how to maintain a safe environment for labour</p> <p>Work effectively for pain management during labour</p>	<p><b>Physiology, management and care during labour</b></p> <ul style="list-style-type: none"> <li>• Normal labour and birth</li> <li>• Onset of birth/labour</li> <li>• Per vaginal examination (if necessary)</li> <li>• Stages of labour</li> <li>• Organization of labour room – Triage, preparation for birth</li> <li>• Positive birth environment</li> <li>• Respectful care and communication</li> <li>• Drugs used in labour as per GoI guidelines</li> </ul> <p><b>Fist Stage</b></p> <ul style="list-style-type: none"> <li>• Physiology of normal labour</li> <li>• Monitoring progress of labour using Partograph/labour care guide</li> <li>• Assessing and monitoring fetal well being</li> <li>• Evidence based care during 1st stage of labour</li> <li>• Pain management in labour (non-pharmacological)</li> <li>• Psychological support – Managing fear</li> <li>• Activity and ambulation during first stage of labour</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Discussion</li> <li>• Demonstration</li> <li>• Bedside clinics</li> <li>• Case discussion/presentation</li> <li>• Simulated practice</li> <li>• Supervised Clinical practice – Per vaginal examination, Conduction of normal childbirth</li> <li>• Refer SBA module</li> <li>• LaQshya guidelines</li> <li>• Dakshata guidelines</li> </ul>	<ul style="list-style-type: none"> <li>• Essay type</li> <li>• Short answer</li> <li>• Objective type</li> <li>• Case study evaluation</li> <li>• Assessment of skills with check list</li> <li>• OSCE</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		<p>Discuss how the midwife provides care and support for the women during birth to enhance physiological birthing and promote normal birth</p> <p>Assess and provide care of the newborn immediately following birth</p>	<ul style="list-style-type: none"> <li>• Nutrition during labour</li> <li>• Promote positive childbirth experience for women</li> <li>• Birth companion</li> <li>• Role of Doula/ASHA's</li> </ul> <p><b>Second stage</b></p> <ul style="list-style-type: none"> <li>• Physiology (Mechanism of labour)</li> <li>• Signs of imminent labour</li> <li>• Intrapartum monitoring</li> <li>• Birth position of choice</li> <li>• Vaginal examination</li> <li>• Psychological support</li> <li>• Non-directive coaching</li> <li>• Evidence based management of physiological birth/Conduction of normal childbirth</li> <li>• Essential newborn care (ENBC)</li> <li>• Immediate assessment and care of the newborn</li> <li>• Role of Doula/ASHA's</li> </ul> <p><b>Third Stage</b></p> <ul style="list-style-type: none"> <li>• Physiology – placental separation and expulsion, hemostasis</li> <li>• Physiological management of third stage of labour</li> <li>• Active management of third stage of labour (recommended)</li> <li>• Examination of placenta, membranes and vessels</li> <li>• Assess perineal, vaginal tear/ injuries and suture if required</li> <li>• Insertion of postpartum IUCD</li> <li>• Immediate perineal care</li> <li>• Initiation of breast feeding</li> <li>• Skin to skin contact</li> <li>• Newborn resuscitation</li> </ul> <p><b>Fourth Stage</b></p> <p><i>Observation, Critical Analysis and Management of mother and newborn</i></p> <ul style="list-style-type: none"> <li>• Maternal assessment, observation fundal height, uterine consistency, urine output, blood loss</li> <li>• Documentation and Record of birth</li> </ul>	<ul style="list-style-type: none"> <li>• Refer ENBC, NSSK module</li> <li>• Demonstration</li> <li>• Group work</li> <li>• Scenario based learning</li> <li>• Simulation</li> <li>• Role play</li> <li>• Demonstration</li> <li>• Videos</li> </ul>	
		<p>Discuss the impact of labour and birth as a transitional event in the woman's life</p>			



Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		Ensure initiation of breast feeding and adequate latching	<ul style="list-style-type: none"> <li>Breastfeeding and latching</li> <li>Managing uterine cramp</li> <li>Alternative/complementary therapies</li> <li>Role of Doula/ASHA's</li> <li>Various childbirth practices</li> <li>Safe environment for mother and newborn to promote bonding</li> <li>Maintaining records and reports</li> </ul>		
V	7 (T) 6 (L) 40 (C)	Describe the physiology, management and care of normal puerperium	<p><b>Postpartum care/Ongoing care of women</b></p> <ul style="list-style-type: none"> <li>Normal puerperium – Physiology, duration</li> <li>Post-natal assessment and care – facility and home-based care</li> <li>Perineal hygiene and care</li> <li>Bladder and bowel function</li> <li>Minor disorders of puerperium and its management</li> <li>Physiology of lactation and lactation management</li> <li>Postnatal counseling and psychological support</li> <li>Normal postnatal baby blues and recognition of post-natal depression</li> <li>Transition to parenthood</li> <li>Care for the woman up to 6 weeks after childbirth</li> <li>Cultural competence (Taboos related to postnatal diet and practices)</li> <li>Diet during lactation-review</li> <li>Post-partum family planning</li> <li>Follow-up of postnatal mothers</li> <li>Drugs used in the postnatal period</li> <li>Records and reports</li> </ul>	<ul style="list-style-type: none"> <li>Lecture</li> <li>Discussion</li> <li>Demonstration</li> <li>Health talk</li> <li>Simulated practice</li> <li>Supervised clinical practice</li> <li>Refer SBA module</li> </ul>	<ul style="list-style-type: none"> <li>Essay type</li> <li>Short answer</li> <li>Objective type</li> <li>Assessment of skills with checklist</li> <li>OSCE</li> </ul>
VI	7 (T) 7 (L) 40 (C)	<p>Discuss the need for and provision of compassionate, family centered midwifery care of the newborn</p> <p>Describe the assessment and care of normal neonate</p>	<p><b>Assessment and ongoing care of normal neonates</b></p> <ul style="list-style-type: none"> <li>Family centered care</li> <li>Respectful newborn care and communication</li> <li>Normal Neonate – Physiological adaptation</li> <li>Newborn assessment – Screening for congenital anomalies</li> <li>Care of newborn up to 6 weeks after</li> </ul>	<ul style="list-style-type: none"> <li>Lecture</li> <li>Discussion</li> <li>Demonstration</li> <li>Simulated practice session</li> <li>Supervised clinical practice</li> <li>Refer safe deliver app module – newborn</li> </ul>	<ul style="list-style-type: none"> <li>Essay type</li> <li>Short answer</li> <li>Objective type</li> <li>Assessment of skills with checklist</li> <li>OSCE</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			<p>the childbirth (Routine care of newborn)</p> <ul style="list-style-type: none"> <li>• Skin to skin contact and thermoregulation</li> <li>• Infection prevention</li> <li>• Immunization</li> <li>• Minor disorders of newborn and its management</li> </ul>	<p>management</p> <ul style="list-style-type: none"> <li>• Partial completion of SBA module</li> </ul>	
VII	8 (T) 2 (L) 40 (C)	<p>Explain various methods of family planning and role of nurse/midwife in providing family planning services</p> <p>Describe youth friendly services and role of nurses/ midwives</p> <p>Recognize the role of nurses/midwives in gender based violence</p>	<p><b>Family welfare services</b></p> <ul style="list-style-type: none"> <li>• Impact of early/frequent childbearing</li> <li>• Comprehensive range of family planning methods <ul style="list-style-type: none"> <li>○ Temporary methods – Hormonal, non-hormonal and barrier methods</li> <li>○ Permanent methods – Male sterilization and female sterilization</li> </ul> </li> <li>• Action, effectiveness, advantages, disadvantages, myths, misconception and medical eligibility criteria (MEC) for use of various family planning methods</li> <li>• Emergency contraceptives</li> <li>• Recent trends and research in contraception</li> <li>• Family planning counseling using Balanced Counseling Strategy (BCS)</li> <li>• Legal and rights aspects of FP</li> <li>• Human rights aspects of FP adolescents</li> <li>• Youth friendly services – SRHR services, policies affecting SRHR and attitude of nurses and midwives in provision of services (Review)</li> <li>• Importance of follow up and recommended timing</li> </ul> <p><b>Gender related issues in SRH</b></p> <ul style="list-style-type: none"> <li>• Gender based violence – Physical, sexual and abuse, Laws affecting GBV and role of nurse/midwife</li> <li>• Special courts for abused people</li> <li>• Gender sensitive health services including family planning</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Supervised practice</li> <li>• Field visits</li> <li>• Scenario based learning</li> <li>• Discussion</li> <li>• GoI guidelines – injectable contraceptives, oral contraceptives, IUCD, male and female sterilization</li> </ul>	<ul style="list-style-type: none"> <li>• Essay type</li> <li>• Short answers</li> <li>• Objective type</li> <li>• Field visit reports</li> <li>• Vignettes</li> </ul>

## **PRACTICUM**

### **PLACEMENT: VI & VII SEMESTER**

#### **VI SEMESTER: MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING - I**

**SKILL LAB & CLINICAL:** Skill Lab – 1 Credit (40 hours); Clinical – 3 Credits (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 ex. 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. Organize labour room
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 childbirth with essential newborn care
12. Demonstrate skills in resuscitating the newborn
13. Assist women in the transition to motherhood
14. Perform postnatal and newborn assessment
15. Provide care for postnatal mothers and their newborn
16. Counsel mothers on postnatal and newborn care
17. Perform PPIUCD insertion and removal
18. Counsel women on family planning and participate in family welfare services
19. Provide youth friendly health services
20. Identify, assess, care and refer women affected with gender based violence

**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
5. Micro birth planning
6. PV examination
7. Monitoring during first stage of labour – Plotting and interpretation of partograph
8. Preparation for delivery – setting up labour room, articles, equipment
9. Mechanism of labour – normal
10. Conduction of normal childbirth with essential newborn care
11. Active management of third stage of labour
12. Placental examination
13. Newborn resuscitation
14. Monitoring during fourth stage of labour
15. Postnatal assessment

16. Newborn assessment
17. Kangaroo mother care
18. Family planning counseling
19. PPIUCD insertion and removal

**CLINICAL POSTINGS (6 weeks × 40 hours per week = 240 hours)**

<b>Clinical Area</b>	<b>Duration (weeks)</b>	<b>Clinical Learning Outcomes</b>	<b>Procedural Competencies/ Clinical Skills</b>	<b>Clinical Requirements</b>	<b>Assessment Methods</b>
Antenatal OPD and Antenatal ward	1 week	<p>Perform antenatal assessment</p> <p>Perform laboratory tests for antenatal women and assist in selected antenatal diagnostic procedures</p> <p>Counsel antenatal women</p>	<ul style="list-style-type: none"> <li>• History collection</li> <li>• Physical examination</li> <li>• Obstetric examination</li> <li>• Pregnancy confirmation test</li> <li>• Urine testing</li> <li>• Blood testing for Hemoglobin, grouping &amp; typing</li> <li>• Blood test for malaria</li> <li>• KICK chart</li> <li>• USG/NST</li> <li>• Antenatal counseling</li> <li>• Preparation for childbirth</li> <li>• Birth preparedness and complication readiness</li> </ul>	<ul style="list-style-type: none"> <li>• Antenatal palpation</li> <li>• Health talk</li> <li>• Case study</li> </ul>	<ul style="list-style-type: none"> <li>• OSCE</li> <li>• Case presentation</li> </ul>
Labour room	3 weeks	<p>Monitor labour using partograph</p> <p>Provide care to women during labour</p> <p>Conduct normal childbirth, provide care to mother and immediate care of newborn</p>	<ul style="list-style-type: none"> <li>• Assessment of woman in labour</li> <li>• Partograph</li> <li>• Per vaginal examination when indicated</li> <li>• Care during first stage of labour</li> <li>• Pain management techniques</li> <li>• Upright and alternative positions in labour</li> <li>• Preparation for labour – articles, physical, psychological</li> <li>• Conduction of normal childbirth</li> <li>• Essential newborn care</li> <li>• Newborn resuscitation</li> <li>• Active management of third stage of labour</li> <li>• Monitoring and care during fourth stage of labour</li> </ul>	<ul style="list-style-type: none"> <li>• Partograph recording</li> <li>• PV examination</li> <li>• Assisting/ Conduction of normal childbirth</li> <li>• Case study</li> <li>• Case presentation</li> <li>• Episiotomy and suturing if indicated</li> <li>• Newborn resuscitation</li> </ul>	<ul style="list-style-type: none"> <li>• Assignment</li> <li>• case study</li> <li>• Case presentation</li> <li>• OSCE</li> </ul>
Post-partum clinic and Postnatal Ward including FP unit	2 weeks	<p>Perform postnatal assessment</p> <p>Provide care to normal postnatal mothers and newborn</p>	<ul style="list-style-type: none"> <li>• Postnatal assessment</li> <li>• Care of postnatal mothers – normal</li> <li>• Care of normal newborn</li> <li>• Lactation management</li> </ul>	<ul style="list-style-type: none"> <li>• Postnatal assessment</li> <li>• Newborn assessment</li> <li>• Case study</li> </ul>	<ul style="list-style-type: none"> <li>• Assignment</li> <li>• Case study</li> <li>• Case presentation</li> </ul>

Clinical Area	Duration (weeks)	Clinical Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
		Provide postnatal counseling  Provide family welfare services	<ul style="list-style-type: none"> <li>• Postnatal counseling</li> <li>• Health teaching on postnatal and newborn care</li> <li>• Family welfare counseling</li> </ul>	<ul style="list-style-type: none"> <li>• Case presentation</li> <li>• PPIUCD insertion &amp; removal</li> </ul>	

**Note:** Partial Completion of SBA module during VI semester

## VII SEMESTER

### MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING - II

#### PRACTICUM

**SKILL LAB & CLINICAL:** Skill Lab – 1 Credit (40 hours); Clinical – 4 Credits (320 hours)

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

1. Identify, stabilize and refer antenatal women with complications
2. Provide care to antenatal women with complications
3. Provide post abortion care& counselling
4. Assist in the conduction of abnormal vaginal deliveries and caesarean section.
5. Demonstrate skills in resuscitating the newborn
6. Assist and manage complications during labour
7. Identify postnatal and neonatal complications, stabilize and refer them
8. Provide care for high risk antenatal, intranatal and postnatal women and their families using nursing process approach
9. Provide care for high risk newborn
10. Assist in advanced clinical procedures in midwifery and obstetric nursing
11. Provide care for women during their non childbearing period.
12. Assess and care for women with gynecological disorders
13. Demonstrate skills in performing and assisting in specific gynecological procedures
14. Counsel and care for couples with infertility

**SKILL LAB:** Procedures/Skills for demonstration and return demonstration:

1. Antenatal assessment and identification of complications
2. Post abortion care & counseling
3. Counseling antenatal women for complication readiness
4. Mechanism of labour – abnormal
5. Assisting in the conduction of abnormal vaginal deliveries and caesarean section.
6. Management of complications during pregnancy/labour/post partum (case studies/simulated scenarios)
7. Administration of Inj. Magnesium sulphate
8. Starting and maintaining an oxytocin drip for PPH
9. Management of PPH – Bimanual compression of uterus
10. Management of PPH – Balloon tamponade
11. Instruments used in obstetrics and gynecology
12. Visual inspection of cervix with acetic acid
13. Cervical biopsy
14. Breast examination
15. Counseling of infertile couples

**CLINICAL POSTINGS (8 weeks × 40 hours per week = 320 hours)**

<b>Clinical Areas</b>	<b>Duration (Weeks)</b>	<b>Learning Outcomes</b>	<b>Procedural Competencies/ Clinical Skills</b>	<b>Clinical Requirements</b>	<b>Assessment Methods</b>
Antenatal OPD/ infertility clinics/ Reproductive medicine and antenatal ward	2 weeks	<p>Perform/assist in selected advanced antenatal diagnostic procedures</p> <p>Provide antenatal care for women with complications of pregnancy</p> <p>Counsel antenatal mothers</p> <p>Provide post abortion care and postnatal counselling</p> <p>Provide counselling and support to infertile couples</p>	<ul style="list-style-type: none"> <li>• Kick chart, DFMC</li> <li>• Assist in NST/CTG/USG</li> <li>• Assisting in advanced diagnostic procedures</li> <li>• Care of antenatal women with complications in pregnancy</li> <li>• Antenatal counselling</li> <li>• Preparation for childbirth, Birth preparedness and complication readiness</li> <li>• Post abortion care</li> <li>• Post abortion counselling</li> <li>• Counselling infertile couples</li> </ul>	<ul style="list-style-type: none"> <li>• Antenatal palpation</li> <li>• Health talk</li> <li>• Case study</li> </ul>	<ul style="list-style-type: none"> <li>• Simulation</li> <li>• Case presentation</li> <li>• OSCE</li> </ul>
Labour room	2 weeks	<p>Conduction of normal childbirth</p> <p>Conduct/assist in abnormal deliveries</p> <p>Monitor labour using partograph</p> <p>Identify and manage complications during labour</p>	<ul style="list-style-type: none"> <li>• Assessment of woman in labour</li> <li>• Partograph</li> <li>• Pervaginal examination if indicated</li> <li>• Obstetric examination</li> <li>• Care during first stage of labour</li> <li>• Pain management techniques</li> <li>• Upright and alternative positions in labour</li> <li>• Preparation for labour – articles, physical, psychological</li> <li>• Conduction of normal childbirth</li> <li>• Essential newborn care</li> <li>• Newborn resuscitation</li> <li>• Active management of third stage of labour</li> <li>• Monitoring and care during fourth stage of labour</li> <li>• Identification, stabilization, referral and assisting in management of prolonged labour, cervical dystocia, CPD, contracted pelvis</li> <li>• Assist in the management of</li> </ul>	<ul style="list-style-type: none"> <li>• Partograph recording</li> <li>• Pain management during labour</li> <li>• Conduction of normal childbirth</li> <li>• Assisting in abnormal deliveries</li> <li>• Managing complication during labour</li> <li>• Case study</li> <li>• Case presentation</li> </ul>	<ul style="list-style-type: none"> <li>• Assignment</li> <li>• Case study</li> <li>• Case presentation</li> <li>• Simulation</li> <li>• OSCE</li> </ul>

Clinical Areas	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
			<p>abnormal deliveries – posterior position, breech deliveries, twin deliveries, vacuum extraction, forceps delivery, shoulder dystocia</p> <ul style="list-style-type: none"> <li>• Assist in cervical encercage procedures, D&amp;C, D&amp;E</li> <li>• Identify, assist and manage trauma to the birth canal, retained placenta, post partum hemorrhage, uterine atony</li> <li>• Management of obstetric shock</li> </ul>		
Postnatal Ward	1 week	<p>Perform postnatal assessment and identify postnatal complications</p> <p>Provide postnatal care</p> <p>Provide family welfare services</p>	<ul style="list-style-type: none"> <li>• Postnatal history collection and physical examination</li> <li>• Identify postnatal complications</li> <li>• Care of postnatal mothers – abnormal deliveries, caesarean section</li> <li>• Care of normal newborn</li> <li>• Lactation management</li> <li>• Postnatal counselling</li> <li>• Health teaching on postnatal and newborn care</li> <li>• Family welfare counselling</li> </ul>	<ul style="list-style-type: none"> <li>• Health talk</li> <li>• Postnatal assessment</li> <li>• Newborn assessment</li> <li>• Case studies</li> <li>• Case presentation</li> <li>• PPIUCD insertion and removal</li> </ul>	<ul style="list-style-type: none"> <li>• Role play</li> <li>• Assignment</li> <li>• Case study</li> <li>• Case presentation</li> <li>• Simulation</li> <li>• Vignettes</li> <li>• OSCE</li> </ul>
Neonatal Intensive Care Unit	1week	<p>Perform assessment of newborn and identify complications/congenital anomalies</p> <p>Perform neonatal resuscitation</p> <p>Care of high risk newborn</p> <p>Provide care for newborns in ventilator, incubator etc</p> <p>Assist/perform special neonatal procedures</p>	<ul style="list-style-type: none"> <li>• Neonatal assessment – identification of complication, congenital anomalies.</li> <li>• Observation of newborn</li> <li>• Neonatal resuscitation</li> <li>• Phototherapy and management of jaundice in newborn</li> <li>• Assist in Exchange transfusion</li> <li>• Neonatal feeding – spoon and katori, paladai, NG tube</li> <li>• Care of baby in incubator, ventilator, warmer</li> <li>• Infection control in the nursery</li> <li>• Neonatal medications</li> <li>• Starting IV line for newborn, drug calculation</li> </ul>	<ul style="list-style-type: none"> <li>• Case study</li> <li>• Case presentation</li> <li>• Assignments</li> <li>• Simulated practice</li> </ul>	<ul style="list-style-type: none"> <li>• Case presentation</li> <li>• Care study</li> <li>• Care plan</li> <li>• Simulation, Vignettes</li> <li>• OSCE</li> </ul>
Obstetric/ Gynae operation theatre & Gynecology	2weeks	Assist in gynecological and obstetric surgeries	<ul style="list-style-type: none"> <li>• Observe/Assist in caesarean section</li> <li>• Management of retained placenta</li> </ul>	<ul style="list-style-type: none"> <li>• Assisting in obstetric and gynecological surgery</li> <li>• Tray set-up for</li> </ul>	<ul style="list-style-type: none"> <li>• Assignment</li> <li>• Tray set-up for obstetric and gynecological surgeries</li> </ul>

Clinical Areas	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Ward		Care for women with gynecological disorders	<ul style="list-style-type: none"> <li>• Gynecological surgeries</li> <li>• Hysterectomy</li> <li>• Uterine rupture</li> <li>• Care of women with gynecological conditions</li> <li>• Health education</li> </ul>	caesarean section <ul style="list-style-type: none"> <li>• Care plan</li> </ul>	<ul style="list-style-type: none"> <li>• Case presentation</li> <li>• Simulation</li> <li>• Vignettes</li> </ul>

**Note:** Completion of safe delivery App module during VII Semester

### REFERENCE

1. DUTTA- -Text book of Obstetrics 4th Ed., -Text book of Gynecology 3rd ed.
2. C.S. DAWN- - Textbook of Gynecology Contraception and Demography 13th ed.
3. BOBAK JENSEN- - Essentials of Maternity Nursing 3rd ed.
4. LONGMAN - Clinical Obstetrics 9th ed.
5. CAMPBELL -Gynecology by ten teachers 17th ed.
6. MYLES - Text book of Midwives 14th ed.



## MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING - I including SBA module

**PLACEMENT:** VI SEMESTER

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

**PRACTICUM:** Skill Lab: 1 Credit (40 hours); Clinical: 3 Credits (240 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, intranatal and postnatal periods in hospitals and community settings. It further helps to develop skills in managing normal neonates and participate in family welfare programs.

**COMPETENCIES:** On completion of the program, 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 and obstetrical nursing.
4. Review and describe the anatomy and physiology of human reproductive system and conception.
5. Describe and apply physiology in the management of normal pregnancy, birth and puerperium.
6. Demonstrate competency in providing respectful and evidence based maternity care for women during the antenatal, intranatal and postnatal period.
7. Uphold the fundamental human rights of individuals when providing midwifery care.
8. Promote physiologic labour and birth, and conduct normal childbirth.
9. Provide evidence based essential newborn care.
10. Apply nursing process approach in caring for women and their families.
11. Describe the methods of contraception and role of nurse/midwife in family welfare services.
12. Recognize the importance of and actively participate in family welfare programs.
13. Provide youth friendly health services and care for women affected by gender based violence.

### COURSE OUTLINE

T – Theory, SL/L – Skill Lab/Lab, C – Clinical

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
I	8 (T)	Explain the history and current scenario of midwifery in India  Review vital health	<b>Introduction to midwifery</b> <ul style="list-style-type: none"> <li>• History of midwifery in India</li> <li>• <i>Current scenario:</i> <ul style="list-style-type: none"> <li>○ Trends of maternity care in India</li> <li>○ Midwifery in India – Transformative education for relationship based and transformative midwifery practice in India</li> </ul> </li> <li>• Vital health indicators – Maternal mortality ratio, Infant Mortality Rate,</li> </ul>	<ul style="list-style-type: none"> <li>• Discussion</li> <li>• Demonstration</li> <li>• Role play</li> <li>• Directed reading and assignment: ICM competencies</li> <li>• Scenario based learning</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Objective type</li> <li>• Essay</li> <li>• Quiz</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		<p>indicators</p> <p>Describe the various national health programs related to RMNCH+A</p> <p>Identify the trends and issues in midwifery</p> <p>Discuss the legal and ethical issues relevant to midwifery practice</p>	<p>Neonatal Mortality Rate, perinatal mortality rate, fertility rates</p> <ul style="list-style-type: none"> <li>○ Maternal death audit</li> <li>● National health programs related to RMNCH+A (Reproductive Maternal Newborn and Child Health + Adolescent Health)</li> </ul> <p><i>Current trends in midwifery and OBG nursing:</i></p> <ul style="list-style-type: none"> <li>○ Respectful maternity and newborn care (RMNC)</li> <li>○ Midwifery-led care units (MLCU)</li> <li>○ Women centered care, physiologic birthing and demedicalization of birth</li> <li>○ Birthing centers, water birth, lotus birth</li> <li>○ Essential competencies for midwifery practice (ICM)</li> <li>○ Universal rights of child-bearing women</li> <li>○ Sexual and reproductive health and rights</li> <li>○ Women's expectations &amp; choices about care</li> </ul> <p><i>Legal provisions in midwifery practice in India:</i></p> <ul style="list-style-type: none"> <li>● INC/MOH&amp;FW regulations</li> <li>● ICM code of ethics</li> <li>● Ethical issues in maternal and neonatal care</li> <li>● Adoption laws, MTP act, Pre-Natal Diagnostic Test (PNDT) Act, Surrogate mothers</li> <li>● Roles and responsibilities of a midwife/Nurse practitioner midwife in different settings (hospital/ community)</li> <li>● Scope of practice for midwives</li> </ul>		
II	6 (T) 3 (L)	Review the anatomy and physiology of human reproductive system	<p><b>Anatomy and physiology of human reproductive system and conception (Maternal, Fetal &amp; Newborn physiology)</b></p> <p><i>Review:</i></p> <ul style="list-style-type: none"> <li>● Female organs of reproduction</li> <li>● Female pelvis – bones, joints, ligaments, planes, diameters, landmarks, inclination, pelvic variations</li> <li>● Foetal skull – bones, sutures,</li> </ul>	<ul style="list-style-type: none"> <li>● Lecture</li> <li>● Discussion</li> <li>● Self-directed learning</li> <li>● Models</li> <li>● Videos &amp; films</li> </ul>	<ul style="list-style-type: none"> <li>● Quiz</li> <li>● Short answer</li> <li>● Essay</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			fontanelles, diameters, moulding <ul style="list-style-type: none"> <li>• Fetopelvic relationship</li> <li>• Physiology of menstrual cycle, menstrual hygiene</li> <li>• Fertilization, conception and implantation</li> <li>• Embryological development</li> <li>• Placental development and function, placental barrier</li> <li>• Fetal growth and development</li> <li>• Fetal circulation &amp; nutrition</li> </ul>		
III	12 (T) 10 (L) 40 (C)	Provide preconception care to eligible couples  Describe the physiology, assessment and management of normal pregnancy  Demonstrate knowledge, attitude and skills of midwifery practice throughout 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup>	<b>Assessment and management of normal pregnancy (ante-natal):</b> <b>Pre-pregnancy Care</b> <ul style="list-style-type: none"> <li>• Review of sexual development (<i>Self Learning</i>)</li> <li>• Socio-cultural aspects of human sexuality (<i>Self Learning</i>)</li> <li>• Preconception care</li> <li>• Pre-conception counseling (including awareness regarding normal birth) Genetic counseling (<i>Self Learning</i>)</li> <li>• Planned parenthood</li> </ul> <b>Pregnancy assessment and antenatal care (I, II &amp; III Trimesters)</b> <b>Normal pregnancy</b> <ul style="list-style-type: none"> <li>• Physiological changes during pregnancy</li> <li>• Assess and confirm pregnancy: Diagnosis of pregnancy – Signs, differential diagnosis and confirmatory tests</li> <li>• Review of maternal nutrition &amp; malnutrition</li> <li>• Building partnership with women following RMC protocol</li> <li>• Fathers' engagement in maternity care</li> </ul> <b>Ante-natal care:</b> <b>1<sup>st</sup> Trimesters</b> <ul style="list-style-type: none"> <li>• Antenatal assessment: History taking, physical examination, breast examination, laboratory investigation</li> <li>• Identification and management of minor discomforts of pregnancy</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Discussion</li> <li>• Demonstration</li> <li>• Self-Learning</li> <li>• Health talk</li> <li>• Role play</li> <li>• Counseling session</li> <li>• Case discussion/presentation</li> <li>• Simulation</li> <li>• Supervised clinical practice</li> <li>• Refer SBA module &amp; Safe motherhood</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Objective type</li> <li>• Assessment of skills with check list</li> <li>• Case study evaluation</li> <li>• OSCE</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		trimesters	<ul style="list-style-type: none"> <li>• Antenatal care : as per GoI guidelines</li> <li>• Antenatal counseling (lifestyle changes, nutrition, shared decision making, risky behavior, sexual life during pregnancy, immunization etc.)</li> <li>• Danger signs during pregnancy</li> <li>• Respectful care and compassionate communication</li> <li>• Recording and reporting: as per the GoI guidelines</li> <li>• Role of Doula/ASHAs</li> </ul> <p><b>II Trimester</b></p> <ul style="list-style-type: none"> <li>• Antenatal assessment: abdominal palpation, fetal assessment, auscultate fetal heart rate – Doppler and pinnard’s stethoscope</li> <li>• Assessment of fetal well-being: DFMC, biophysical profile, Non stress test, cardio-tocography, USG, Vibro acoustic stimulation, biochemical tests.</li> <li>• Antenatal care</li> <li>• Women centered care</li> <li>• Respectful care and compassionate communication</li> <li>• Health education on IFA, calcium and vitamin D supplementation, glucose tolerance test, etc.</li> <li>• Education and management of physiological changes and discomforts of 2<sup>nd</sup> trimester</li> <li>• Rh negative and prophylactic anti D</li> <li>• Referral and collaboration, empowerment</li> <li>• Ongoing risk assessment</li> <li>• Maternal Mental Health</li> </ul> <p><b>III Trimester</b></p> <ul style="list-style-type: none"> <li>• Antenatal assessment: abdominal palpation, fetal assessment, auscultate fetal heart rate – Doppler and pinnard’s stethoscope</li> <li>• Education and management of physiological changes and discomforts of 3<sup>rd</sup> trimester</li> <li>• Third trimester tests and screening</li> <li>• Fetal engagement in late pregnancy</li> <li>• Childbirth preparation classes</li> </ul>	<ul style="list-style-type: none"> <li>• booklet</li> <li>• Lab tests – performance and interpretation</li> <li>• Demonstration</li> <li>• Roleplay</li> <li>• Demonstration of antenatal assessment</li> </ul>	

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> <li>• Birth preparedness and complication readiness including micro birth planning</li> <li>• Danger signs of pregnancy – recognition of ruptured membranes</li> <li>• Education on alternative birthing positions – women’s preferred choices, birth companion</li> <li>• Ongoing risk assessment</li> <li>• Cultural needs</li> <li>• Women centered care</li> <li>• Respectful and compassionate communication</li> <li>• Health education on exclusive breastfeeding</li> <li>• Role of Doula/ASHA’s</li> </ul>	<ul style="list-style-type: none"> <li>• Scenario based learning</li> <li>• Lecture</li> <li>• Simulation</li> <li>• Role play</li> <li>• Refer GoI Guidelines</li> <li>• Health talk</li> <li>• Counseling session</li> <li>• Demonstration of birthing positions</li> <li>• Workshop on alternative birthing positions</li> </ul>	
IV	12 (T) 12 (L) 80 (C)	<p>Apply the physiology of labour in promoting normal childbirth</p> <p>Describe the management and care during labour</p> <p>Discuss how to maintain a safe environment for labour</p> <p>Work effectively for pain management during labour</p>	<p><b>Physiology, management and care during labour</b></p> <ul style="list-style-type: none"> <li>• Normal labour and birth</li> <li>• Onset of birth/labour</li> <li>• Per vaginal examination (if necessary)</li> <li>• Stages of labour</li> <li>• Organization of labour room – Triage, preparation for birth</li> <li>• Positive birth environment</li> <li>• Respectful care and communication</li> <li>• Drugs used in labour as per GoI guidelines</li> </ul> <p><b>Fist Stage</b></p> <ul style="list-style-type: none"> <li>• Physiology of normal labour</li> <li>• Monitoring progress of labour using Partograph/labour care guide</li> <li>• Assessing and monitoring fetal well being</li> <li>• Evidence based care during 1st stage of labour</li> <li>• Pain management in labour (non-pharmacological)</li> <li>• Psychological support – Managing fear</li> <li>• Activity and ambulation during first stage of labour</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Discussion</li> <li>• Demonstration</li> <li>• Bedside clinics</li> <li>• Case discussion/ presentation</li> <li>• Simulated practice</li> <li>• Supervised Clinical practice – Per vaginal examination, Conduction of normal childbirth</li> <li>• Refer SBA module</li> <li>• LaQshya guidelines</li> <li>• Dakshata guidelines</li> </ul>	<ul style="list-style-type: none"> <li>• Essay type</li> <li>• Short answer</li> <li>• Objective type</li> <li>• Case study evaluation</li> <li>• Assessment of skills with check list</li> <li>• OSCE</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		<p>Discuss how the midwife provides care and support for the women during birth to enhance physiological birthing and promote normal birth</p> <p>Assess and provide care of the newborn immediately following birth</p>	<ul style="list-style-type: none"> <li>• Nutrition during labour</li> <li>• Promote positive childbirth experience for women</li> <li>• Birth companion</li> <li>• Role of Doula/ASHA's</li> </ul> <p><b>Second stage</b></p> <ul style="list-style-type: none"> <li>• Physiology (Mechanism of labour)</li> <li>• Signs of imminent labour</li> <li>• Intrapartum monitoring</li> <li>• Birth position of choice</li> <li>• Vaginal examination</li> <li>• Psychological support</li> <li>• Non-directive coaching</li> <li>• Evidence based management of physiological birth/Conduction of normal childbirth</li> <li>• Essential newborn care (ENBC)</li> <li>• Immediate assessment and care of the newborn</li> <li>• Role of Doula/ASHA's</li> </ul> <p><b>Third Stage</b></p> <ul style="list-style-type: none"> <li>• Physiology – placental separation and expulsion, hemostasis</li> <li>• Physiological management of third stage of labour</li> <li>• Active management of third stage of labour (recommended)</li> <li>• Examination of placenta, membranes and vessels</li> <li>• Assess perineal, vaginal tear/ injuries and suture if required</li> <li>• Insertion of postpartum IUCD</li> <li>• Immediate perineal care</li> <li>• Initiation of breast feeding</li> <li>• Skin to skin contact</li> <li>• Newborn resuscitation</li> </ul> <p><b>Fourth Stage</b></p> <p><i>Observation, Critical Analysis and Management of mother and newborn</i></p> <ul style="list-style-type: none"> <li>• Maternal assessment, observation fundal height, uterine consistency, urine output, blood loss</li> <li>• Documentation and Record of birth</li> </ul>	<ul style="list-style-type: none"> <li>• Refer ENBC, NSSK module</li> <li>• Demonstration</li> <li>• Group work</li> <li>• Scenario based learning</li> <li>• Simulation</li> <li>• Role play</li> <li>• Demonstration</li> <li>• Videos</li> </ul>	
		<p>Discuss the impact of labour and birth as a transitional event in the woman's life</p>			

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		Ensure initiation of breast feeding and adequate latching	<ul style="list-style-type: none"> <li>Breastfeeding and latching</li> <li>Managing uterine cramp</li> <li>Alternative/complementary therapies</li> <li>Role of Doula/ASHA's</li> <li>Various childbirth practices</li> <li>Safe environment for mother and newborn to promote bonding</li> <li>Maintaining records and reports</li> </ul>		
V	7 (T) 6 (L) 40 (C)	Describe the physiology, management and care of normal puerperium	<p><b>Postpartum care/Ongoing care of women</b></p> <ul style="list-style-type: none"> <li>Normal puerperium – Physiology, duration</li> <li>Post-natal assessment and care – facility and home-based care</li> <li>Perineal hygiene and care</li> <li>Bladder and bowel function</li> <li>Minor disorders of puerperium and its management</li> <li>Physiology of lactation and lactation management</li> <li>Postnatal counseling and psychological support</li> <li>Normal postnatal baby blues and recognition of post-natal depression</li> <li>Transition to parenthood</li> <li>Care for the woman up to 6 weeks after childbirth</li> <li>Cultural competence (Taboos related to postnatal diet and practices)</li> <li>Diet during lactation-review</li> <li>Post-partum family planning</li> <li>Follow-up of postnatal mothers</li> <li>Drugs used in the postnatal period</li> <li>Records and reports</li> </ul>	<ul style="list-style-type: none"> <li>Lecture</li> <li>Discussion</li> <li>Demonstration</li> <li>Health talk</li> <li>Simulated practice</li> <li>Supervised clinical practice</li> <li>Refer SBA module</li> </ul>	<ul style="list-style-type: none"> <li>Essay type</li> <li>Short answer</li> <li>Objective type</li> <li>Assessment of skills with checklist</li> <li>OSCE</li> </ul>
VI	7 (T) 7 (L) 40 (C)	<p>Discuss the need for and provision of compassionate, family centered midwifery care of the newborn</p> <p>Describe the assessment and care of normal neonate</p>	<p><b>Assessment and ongoing care of normal neonates</b></p> <ul style="list-style-type: none"> <li>Family centered care</li> <li>Respectful newborn care and communication</li> <li>Normal Neonate – Physiological adaptation</li> <li>Newborn assessment – Screening for congenital anomalies</li> <li>Care of newborn up to 6 weeks after</li> </ul>	<ul style="list-style-type: none"> <li>Lecture</li> <li>Discussion</li> <li>Demonstration</li> <li>Simulated practice session</li> <li>Supervised clinical practice</li> <li>Refer safe deliver app module – newborn</li> </ul>	<ul style="list-style-type: none"> <li>Essay type</li> <li>Short answer</li> <li>Objective type</li> <li>Assessment of skills with checklist</li> <li>OSCE</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			<p>the childbirth (Routine care of newborn)</p> <ul style="list-style-type: none"> <li>• Skin to skin contact and thermoregulation</li> <li>• Infection prevention</li> <li>• Immunization</li> <li>• Minor disorders of newborn and its management</li> </ul>	<p>management</p> <ul style="list-style-type: none"> <li>• Partial completion of SBA module</li> </ul>	
VII	8 (T) 2 (L) 40 (C)	<p>Explain various methods of family planning and role of nurse/midwife in providing family planning services</p> <p>Describe youth friendly services and role of nurses/ midwives</p> <p>Recognize the role of nurses/midwives in gender based violence</p>	<p><b>Family welfare services</b></p> <ul style="list-style-type: none"> <li>• Impact of early/frequent childbearing</li> <li>• Comprehensive range of family planning methods <ul style="list-style-type: none"> <li>○ Temporary methods – Hormonal, non-hormonal and barrier methods</li> <li>○ Permanent methods – Male sterilization and female sterilization</li> </ul> </li> <li>• Action, effectiveness, advantages, disadvantages, myths, misconception and medical eligibility criteria (MEC) for use of various family planning methods</li> <li>• Emergency contraceptives</li> <li>• Recent trends and research in contraception</li> <li>• Family planning counseling using Balanced Counseling Strategy (BCS)</li> <li>• Legal and rights aspects of FP</li> <li>• Human rights aspects of FP adolescents</li> <li>• Youth friendly services – SRHR services, policies affecting SRHR and attitude of nurses and midwives in provision of services (Review)</li> <li>• Importance of follow up and recommended timing</li> </ul> <p><b>Gender related issues in SRH</b></p> <ul style="list-style-type: none"> <li>• Gender based violence – Physical, sexual and abuse, Laws affecting GBV and role of nurse/midwife</li> <li>• Special courts for abused people</li> <li>• Gender sensitive health services including family planning</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture</li> <li>• Supervised practice</li> <li>• Field visits</li> <li>• Scenario based learning</li> <li>• Discussion</li> <li>• GoI guidelines – injectable contraceptives, oral contraceptives, IUCD, male and female sterilization</li> </ul>	<ul style="list-style-type: none"> <li>• Essay type</li> <li>• Short answers</li> <li>• Objective type</li> <li>• Field visit reports</li> <li>• Vignettes</li> </ul>



## **PRACTICUM**

### **PLACEMENT: VI & VII SEMESTER**

### **VI SEMESTER: MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING - I**

**SKILL LAB & CLINICAL:** Skill Lab – 1 Credit (40 hours); Clinical – 3 Credits (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 ex. 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. Organize labour room
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 childbirth with essential newborn care
12. Demonstrate skills in resuscitating the newborn
13. Assist women in the transition to motherhood
14. Perform postnatal and newborn assessment
15. Provide care for postnatal mothers and their newborn
16. Counsel mothers on postnatal and newborn care
17. Perform PPIUCD insertion and removal
18. Counsel women on family planning and participate in family welfare services
19. Provide youth friendly health services
20. Identify, assess, care and refer women affected with gender based violence

**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
5. Micro birth planning
6. PV examination
7. Monitoring during first stage of labour – Plotting and interpretation of partograph
8. Preparation for delivery – setting up labour room, articles, equipment
9. Mechanism of labour – normal
10. Conduction of normal childbirth with essential newborn care
11. Active management of third stage of labour
12. Placental examination
13. Newborn resuscitation
14. Monitoring during fourth stage of labour
15. Postnatal assessment

16. Newborn assessment
17. Kangaroo mother care
18. Family planning counseling
19. PPIUCD insertion and removal

**CLINICAL POSTINGS (6 weeks × 40 hours per week = 240 hours)**

<b>Clinical Area</b>	<b>Duration (weeks)</b>	<b>Clinical Learning Outcomes</b>	<b>Procedural Competencies/ Clinical Skills</b>	<b>Clinical Requirements</b>	<b>Assessment Methods</b>
Antenatal OPD and Antenatal ward	1 week	<p>Perform antenatal assessment</p> <p>Perform laboratory tests for antenatal women and assist in selected antenatal diagnostic procedures</p> <p>Counsel antenatal women</p>	<ul style="list-style-type: none"> <li>• History collection</li> <li>• Physical examination</li> <li>• Obstetric examination</li> <li>• Pregnancy confirmation test</li> <li>• Urine testing</li> <li>• Blood testing for Hemoglobin, grouping &amp; typing</li> <li>• Blood test for malaria</li> <li>• KICK chart</li> <li>• USG/NST</li> <li>• Antenatal counseling</li> <li>• Preparation for childbirth</li> <li>• Birth preparedness and complication readiness</li> </ul>	<ul style="list-style-type: none"> <li>• Antenatal palpation</li> <li>• Health talk</li> <li>• Case study</li> </ul>	<ul style="list-style-type: none"> <li>• OSCE</li> <li>• Case presentation</li> </ul>
Labour room	3 weeks	<p>Monitor labour using partograph</p> <p>Provide care to women during labour</p> <p>Conduct normal childbirth, provide care to mother and immediate care of newborn</p>	<ul style="list-style-type: none"> <li>• Assessment of woman in labour</li> <li>• Partograph</li> <li>• Per vaginal examination when indicated</li> <li>• Care during first stage of labour</li> <li>• Pain management techniques</li> <li>• Upright and alternative positions in labour</li> <li>• Preparation for labour – articles, physical, psychological</li> <li>• Conduction of normal childbirth</li> <li>• Essential newborn care</li> <li>• Newborn resuscitation</li> <li>• Active management of third stage of labour</li> <li>• Monitoring and care during fourth stage of labour</li> </ul>	<ul style="list-style-type: none"> <li>• Partograph recording</li> <li>• PV examination</li> <li>• Assisting/Conduction of normal childbirth</li> <li>• Case study</li> <li>• Case presentation</li> <li>• Episiotomy and suturing if indicated</li> <li>• Newborn resuscitation</li> </ul>	<ul style="list-style-type: none"> <li>• Assignment</li> <li>• case study</li> <li>• Case presentation</li> <li>• OSCE</li> </ul>
Post-partum clinic and Postnatal Ward including FP unit	2 weeks	<p>Perform postnatal assessment</p> <p>Provide care to normal postnatal mothers and newborn</p>	<ul style="list-style-type: none"> <li>• Postnatal assessment</li> <li>• Care of postnatal mothers – normal</li> <li>• Care of normal newborn</li> <li>• Lactation management</li> </ul>	<ul style="list-style-type: none"> <li>• Postnatal assessment</li> <li>• Newborn assessment</li> <li>• Case study</li> </ul>	<ul style="list-style-type: none"> <li>• Assignment</li> <li>• Case study</li> <li>• Case presentation</li> </ul>

Clinical Area	Duration (weeks)	Clinical Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
		Provide postnatal counseling  Provide family welfare services	<ul style="list-style-type: none"> <li>• Postnatal counseling</li> <li>• Health teaching on postnatal and newborn care</li> <li>• Family welfare counseling</li> </ul>	<ul style="list-style-type: none"> <li>• Case presentation</li> <li>• PPIUCD insertion &amp; removal</li> </ul>	

**Note:** Partial Completion of SBA module during VI semester

## VII SEMESTER

### MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING - II

#### PRACTICUM

**SKILL LAB & CLINICAL:** Skill Lab – 1 Credit (40 hours); Clinical – 4 Credits (320 hours)

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

1. Identify, stabilize and refer antenatal women with complications
2. Provide care to antenatal women with complications
3. Provide post abortion care& counselling
4. Assist in the conduction of abnormal vaginal deliveries and caesarean section.
5. Demonstrate skills in resuscitating the newborn
6. Assist and manage complications during labour
7. Identify postnatal and neonatal complications, stabilize and refer them
8. Provide care for high risk antenatal, intranatal and postnatal women and their families using nursing process approach
9. Provide care for high risk newborn
10. Assist in advanced clinical procedures in midwifery and obstetric nursing
11. Provide care for women during their non childbearing period.
12. Assess and care for women with gynecological disorders
13. Demonstrate skills in performing and assisting in specific gynecological procedures
14. Counsel and care for couples with infertility

**SKILL LAB:** Procedures/Skills for demonstration and return demonstration:

1. Antenatal assessment and identification of complications
2. Post abortion care & counseling
3. Counseling antenatal women for complication readiness
4. Mechanism of labour – abnormal
5. Assisting in the conduction of abnormal vaginal deliveries and caesarean section.
6. Management of complications during pregnancy/labour/post partum (case studies/simulated scenarios)
7. Administration of Inj. Magnesium sulphate
8. Starting and maintaining an oxytocin drip for PPH
9. Management of PPH – Bimanual compression of uterus
10. Management of PPH – Balloon tamponade
11. Instruments used in obstetrics and gynecology
12. Visual inspection of cervix with acetic acid
13. Cervical biopsy
14. Breast examination
15. Counseling of infertile couples

**CLINICAL POSTINGS (8 weeks × 40 hours per week = 320 hours)**

<b>Clinical Areas</b>	<b>Duration (Weeks)</b>	<b>Learning Outcomes</b>	<b>Procedural Competencies/ Clinical Skills</b>	<b>Clinical Requirements</b>	<b>Assessment Methods</b>
Antenatal OPD/ infertility clinics/ Reproductive medicine and antenatal ward	2 weeks	<p>Perform/assist in selected advanced antenatal diagnostic procedures</p> <p>Provide antenatal care for women with complications of pregnancy</p> <p>Counsel antenatal mothers</p> <p>Provide post abortion care and postnatal counselling</p> <p>Provide counselling and support to infertile couples</p>	<ul style="list-style-type: none"> <li>• Kick chart, DFMC</li> <li>• Assist in NST/CTG/USG</li> <li>• Assisting in advanced diagnostic procedures</li> <li>• Care of antenatal women with complications in pregnancy</li> <li>• Antenatal counselling</li> <li>• Preparation for childbirth, Birth preparedness and complication readiness</li> <li>• Post abortion care</li> <li>• Post abortion counselling</li> <li>• Counselling infertile couples</li> </ul>	<ul style="list-style-type: none"> <li>• Antenatal palpation</li> <li>• Health talk</li> <li>• Case study</li> </ul>	<ul style="list-style-type: none"> <li>• Simulation</li> <li>• Case presentation</li> <li>• OSCE</li> </ul>
Labour room	2 weeks	<p>Conduction of normal childbirth</p> <p>Conduct/assist in abnormal deliveries</p> <p>Monitor labour using partograph</p> <p>Identify and manage complications during labour</p>	<ul style="list-style-type: none"> <li>• Assessment of woman in labour</li> <li>• Partograph</li> <li>• Pervaginal examination if indicated</li> <li>• Obstetric examination</li> <li>• Care during first stage of labour</li> <li>• Pain management techniques</li> <li>• Upright and alternative positions in labour</li> <li>• Preparation for labour – articles, physical, psychological</li> <li>• Conduction of normal childbirth</li> <li>• Essential newborn care</li> <li>• Newborn resuscitation</li> <li>• Active management of third stage of labour</li> <li>• Monitoring and care during fourth stage of labour</li> <li>• Identification, stabilization, referral and assisting in management of prolonged labour, cervical dystocia, CPD, contracted pelvis</li> <li>• Assist in the management of</li> </ul>	<ul style="list-style-type: none"> <li>• Partograph recording</li> <li>• Pain management during labour</li> <li>• Conduction of normal childbirth</li> <li>• Assisting in abnormal deliveries</li> <li>• Managing complication during labour</li> <li>• Case study</li> <li>• Case presentation</li> </ul>	<ul style="list-style-type: none"> <li>• Assignment</li> <li>• Case study</li> <li>• Case presentation</li> <li>• Simulation</li> <li>• OSCE</li> </ul>

Clinical Areas	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
			<p>abnormal deliveries – posterior position, breech deliveries, twin deliveries, vacuum extraction, forceps delivery, shoulder dystocia</p> <ul style="list-style-type: none"> <li>• Assist in cervical encirclement procedures, D&amp;C, D&amp;E</li> <li>• Identify, assist and manage trauma to the birth canal, retained placenta, post partum hemorrhage, uterine atony</li> <li>• Management of obstetric shock</li> </ul>		
Postnatal Ward	1 week	<p>Perform postnatal assessment and identify postnatal complications</p> <p>Provide postnatal care</p> <p>Provide family welfare services</p>	<ul style="list-style-type: none"> <li>• Postnatal history collection and physical examination</li> <li>• Identify postnatal complications</li> <li>• Care of postnatal mothers – abnormal deliveries, caesarean section</li> <li>• Care of normal newborn</li> <li>• Lactation management</li> <li>• Postnatal counselling</li> <li>• Health teaching on postnatal and newborn care</li> <li>• Family welfare counselling</li> </ul>	<ul style="list-style-type: none"> <li>• Health talk</li> <li>• Postnatal assessment</li> <li>• Newborn assessment</li> <li>• Case studies</li> <li>• Case presentation</li> <li>• PPIUCD insertion and removal</li> </ul>	<ul style="list-style-type: none"> <li>• Role play</li> <li>• Assignment</li> <li>• Case study</li> <li>• Case presentation</li> <li>• Simulation</li> <li>• Vignettes</li> <li>• OSCE</li> </ul>
Neonatal Intensive Care Unit	1week	<p>Perform assessment of newborn and identify complications/congenital anomalies</p> <p>Perform neonatal resuscitation</p> <p>Care of high risk newborn</p> <p>Provide care for newborns in ventilator, incubator etc</p> <p>Assist/perform special neonatal procedures</p>	<ul style="list-style-type: none"> <li>• Neonatal assessment – identification of complication, congenital anomalies.</li> <li>• Observation of newborn</li> <li>• Neonatal resuscitation</li> <li>• Phototherapy and management of jaundice in newborn</li> <li>• Assist in Exchange transfusion</li> <li>• Neonatal feeding – spoon and katori, paladai, NG tube</li> <li>• Care of baby in incubator, ventilator, warmer</li> <li>• Infection control in the nursery</li> <li>• Neonatal medications</li> <li>• Starting IV line for newborn, drug calculation</li> </ul>	<ul style="list-style-type: none"> <li>• Case study</li> <li>• Case presentation</li> <li>• Assignments</li> <li>• Simulated practice</li> </ul>	<ul style="list-style-type: none"> <li>• Case presentation</li> <li>• Care study</li> <li>• Care plan</li> <li>• Simulation, Vignettes</li> <li>• OSCE</li> </ul>
Obstetric/ Gynae operation theatre & Gynecology	2weeks	Assist in gynecological and obstetric surgeries	<ul style="list-style-type: none"> <li>• Observe/Assist in caesarean section</li> <li>• Management of retained placenta</li> </ul>	<ul style="list-style-type: none"> <li>• Assisting in obstetric and gynecological surgery</li> <li>• Tray set-up for</li> </ul>	<ul style="list-style-type: none"> <li>• Assignment</li> <li>• Tray set-up for obstetric and gynecological surgeries</li> </ul>

Clinical Areas	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Ward		Care for women with gynecological disorders	<ul style="list-style-type: none"> <li>• Gynecological surgeries</li> <li>• Hysterectomy</li> <li>• Uterine rupture</li> <li>• Care of women with gynecological conditions</li> <li>• Health education</li> </ul>	caesarean section <ul style="list-style-type: none"> <li>• Care plan</li> </ul>	<ul style="list-style-type: none"> <li>• Case presentation</li> <li>• Simulation</li> <li>• Vignettes</li> </ul>

**Note:** Completion of safe delivery App module during VII Semester

### REFERENCE

1. DUTTA- -Text book of Obstetrics 4th Ed., -Text book of Gynecology 3rd ed.
2. C.S. DAWN- - Textbook of Gynecology Contraception and Demography 13th ed.
3. BOBAK JENSEN- - Essentials of Maternity Nursing 3rd ed.
4. LONGMAN - Clinical Obstetrics 9th ed.
5. CAMPBELL -Gynecology by ten teachers 17th ed.
6. MYLES - Text book of Midwives 14th ed.

## **NURSING MANAGEMENT AND LEADERSHIP**

**PLACEMENT:** VI Semester

**THEORY:** 3 Credits (60 hours) includes Lab/Skill Lab hours also

**PRACTICUM:** Clinical: 1 Credits (80 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 competencies.
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 the INC guidelines for establishment and accreditation of educational institutions in terms 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

### T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	1 (T)	Explore the health care, development of nursing services and education in India and trends	<b>Health Care and Development of Nursing Services in India</b> <ul style="list-style-type: none"> <li>• Current health care delivery system of India – review</li> <li>• Planning and development of nursing services and education at global and national scenario</li> <li>• Recent trends and issues of nursing service and management</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Directed reading and written assignment</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Assessment of assignment</li> </ul>
II	2 (T)	Explain the principles and functions of management applied to nursing  Describe the introductory concepts of management as a process	<b>Management Basics Applied to Nursing</b> <ul style="list-style-type: none"> <li>• Definitions, concepts and theories of management</li> <li>• Importance, features and levels of management</li> <li>• Management and administration</li> <li>• Functions of management</li> <li>• Principles of management</li> <li>• Role of a nurse as a manager</li> </ul> <b>Introduction to Management Process</b> <ul style="list-style-type: none"> <li>• Planning</li> <li>• Organizing</li> <li>• Staffing</li> <li>• Directing/Leading</li> <li>• Controlling</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture and discussion</li> </ul>	<ul style="list-style-type: none"> <li>• MCQ</li> <li>• Short answer</li> </ul>
			<b>MANAGEMENT OF NURSING SERVICES</b>		
III	4 (T)	Describe the essential elements of planning	<b>Planning Nursing Services</b> <ul style="list-style-type: none"> <li>• Vision, Mission, philosophy, objectives</li> <li>• Nursing service policies, procedures and manuals</li> <li>• Functional and operational planning</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture and Discussion</li> <li>• Visit to specific hospital/ patient care units</li> <li>• Demonstration of disaster drill in the respective setting</li> </ul>	<ul style="list-style-type: none"> <li>• Formulate Mission &amp; Vision Statement for the nursing department/ unit</li> <li>• Assessment</li> </ul>



Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> <li>• Strategic planning</li> <li>• Program planning – Gantt chart &amp; milestone chart</li> <li>• Budgeting – concepts, principles, types,</li> <li>• Budget proposal, cost benefit analysis</li> <li>• Planning hospital and patient care unit (Ward)</li> <li>• Planning for emergency and disaster</li> </ul>		<ul style="list-style-type: none"> <li>• of problem-solving exercises</li> <li>• Visit Report</li> </ul>
IV	4 (T)	Discuss the concepts of organizing including hospital organization	<b>Organizing</b> <ul style="list-style-type: none"> <li>• Organizing as a process – assignment, delegation and coordination</li> <li>• Hospital – types, functions &amp; organization</li> <li>• Organizational development</li> <li>• Organizational structure</li> <li>• Organizational charts</li> <li>• Organizational effectiveness</li> <li>• Hospital administration, Control &amp; line of authority</li> <li>• Hospital statistics including hospital utilization indices</li> <li>• Nursing care delivery systems and trends</li> <li>• Role of nurse in maintenance of effective organizational climate</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Comparison of organizational structure of various organizations</li> <li>• Nursing care delivery systems – assignment</li> <li>• Preparation of Organizational chart of hospital/ Nursing services</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Assessment of assignment</li> </ul>
V	6 (T)	Identify the significance of human resource management (HRM) and material management and discuss its elements	<b>Staffing (Human resource management)</b> <ul style="list-style-type: none"> <li>• Definition, objectives, components and functions</li> </ul> <b>Staffing &amp; Scheduling</b> <ul style="list-style-type: none"> <li>• Staffing – Philosophy, staffing activities</li> <li>• Recruiting, selecting, deployment</li> <li>• Training, development, credentialing, retaining, promoting, transfer, terminating, superannuation</li> <li>• 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</li> <li>• Categories of nursing personnel including job description of all levels</li> <li>• Assignment and nursing care responsibilities</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture and discussion</li> <li>• Role play</li> <li>• Games self-assessment, case discussion and practice session</li> <li>• Calculation of staffing requirements for a specified ward</li> </ul>	<ul style="list-style-type: none"> <li>• Formulate Job description at different levels of care &amp; compare with existing system</li> <li>• Preparation of duty roster</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
		<p>Explain the procedural steps of material management</p> <p>Develop managerial skill in inventory control and actively participate in procurement process</p>	<ul style="list-style-type: none"> <li>• Turnover and absenteeism</li> <li>• Staff welfare</li> <li>• Discipline and grievances</li> </ul> <p><b>In-Service Education</b></p> <ul style="list-style-type: none"> <li>• Nature and scope of in-service education program</li> <li>• Principles of adult learning – review</li> <li>• Planning and organizing in-service educational program</li> <li>• Methods, techniques and evaluation</li> <li>• Preparation of report</li> </ul> <p><b>Material Resource Management</b></p> <ul style="list-style-type: none"> <li>• Procurement, purchasing process, inventory control &amp; role of nurse</li> <li>• Auditing and maintenance in hospital and patient care unit</li> </ul>	<ul style="list-style-type: none"> <li>• Visit to inventory store of the institution</li> </ul>	<ul style="list-style-type: none"> <li>• Preparation of MMF/records</li> <li>• Preparation of log book &amp; condemnation documents</li> <li>• Visit Report</li> </ul>
<b>VI</b>	5 (T)	Describe the important methods of supervision and guidance	<p><b>Directing and Leading</b></p> <ul style="list-style-type: none"> <li>• Definition, principles, elements of directing</li> <li>• Supervision and guidance</li> <li>• Participatory management</li> <li>• Inter-professional collaboration</li> <li>• Management by objectives</li> <li>• Team management</li> <li>• Assignments, rotations</li> <li>• Maintenance of discipline</li> <li>• Leadership in management</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture and discussion</li> <li>• Demonstration of record &amp; report maintenance in specific wards/ departments</li> </ul>	<ul style="list-style-type: none"> <li>• Assignment on Reports &amp; Records maintained in nursing department/</li> <li>• Preparation of protocols and manuals</li> </ul>
<b>VII</b>	4 (T)	<p>Discuss the significance and changing trends of nursing leadership</p> <p>Analyze the different leadership styles and develop leadership competencies</p>	<p><b>Leadership</b></p> <ul style="list-style-type: none"> <li>• Definition, concepts, and theories</li> <li>• Leadership principles and competencies</li> <li>• Leadership styles: Situational leadership, Transformational leadership</li> <li>• Methods of leadership development</li> <li>• Mentorship/preceptorship in nursing</li> <li>• Delegation, power &amp; politics, empowerment, mentoring and coaching</li> <li>• Decision making and problem solving</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Self-assessment</li> <li>• Report on types of leadership adopted at different levels of health care in the given setting</li> <li>• Problem solving/ Conflict management exercise</li> <li>• Observation of managerial roles at different levels (middle level managers-ward incharge, ANS)</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Essay</li> <li>• Assessment of exercise/report</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> <li>• Conflict management and negotiation</li> <li>• Implementing planned change</li> </ul>		
<b>VIII</b>	4 (T)	Explain the process of controlling and its activities	<p><b>Controlling</b></p> <ul style="list-style-type: none"> <li>• Implementing standards, policies, procedures, protocols and practices</li> <li>• Nursing performance audit, patient satisfaction</li> <li>• Nursing rounds, Documentation – records and reports</li> <li>• Total quality management – Quality assurance, Quality and safety</li> <li>• Performance appraisal</li> <li>• Program evaluation review technique (PERT)</li> <li>• Bench marking, Activity plan (Gantt chart)</li> <li>• Critical path analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Preparation of policies/ protocols for nursing units/ department</li> </ul>	<ul style="list-style-type: none"> <li>• Assessment of prepared protocols</li> </ul>
<b>IX</b>	4 (T)	Explain the concepts of organizational behavior and group dynamics	<p><b>Organizational Behavior and Human Relations</b></p> <ul style="list-style-type: none"> <li>• Concepts and theories of organizational behavior</li> <li>• Group dynamics</li> <li>• Review – Interpersonal relationship</li> <li>• Human relations</li> <li>• Public relations in the context of nursing</li> <li>• Relations with professional associations and employee unions</li> <li>• Collective bargaining</li> <li>• Review – Motivation and morale building</li> <li>• Communication in the workplace – assertive communication</li> <li>• Committees – importance in the organization, functioning</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture and discussion</li> <li>• Role play/ exercise – Group dynamics &amp; human relations</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• OSCE</li> </ul>
<b>X</b>	2 (T)	Describe the financial management related to nursing services	<p><b>Financial Management</b></p> <ul style="list-style-type: none"> <li>• Definition, objectives, elements, functions, principles &amp; scope of financial management</li> <li>• Financial planning (budgeting for nursing department)</li> <li>• Proposal, projecting requirement for staff, equipment and supplies for – Hospital &amp; patient care units &amp; emergency and disaster units</li> </ul>	<ul style="list-style-type: none"> <li>• Lecture cum discussion</li> <li>• Budget proposal review</li> <li>• Preparation of budget proposal for a specific department</li> </ul>	<ul style="list-style-type: none"> <li>• Short answer</li> <li>• Essay</li> <li>• Assessment of assignment</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			<ul style="list-style-type: none"> <li>Budget and Budgetary process</li> <li>Financial audit</li> </ul>		
XI	1 (T)	Review the concepts, principles and methods and use of nursing informatics	<b>Nursing Informatics/ Information Management – Review</b> <ul style="list-style-type: none"> <li>Patient records</li> <li>Nursing records</li> <li>Use of computers in hospital, college and community</li> <li>Telemedicine &amp; Tele nursing</li> <li>Electronic Medical Records (EMR), EHR</li> </ul>	<ul style="list-style-type: none"> <li>Review</li> <li>Practice session</li> <li>Visit to departments</li> </ul>	<ul style="list-style-type: none"> <li>Short answer</li> </ul>
XII	1 (T)	Review personal management in terms of management of emotions, stress and resilience	<b>Personal Management – Review</b> <ul style="list-style-type: none"> <li>Emotional intelligence</li> <li>Resilience building</li> <li>Stress and time management – de-stressing</li> <li>Career planning</li> </ul>	<ul style="list-style-type: none"> <li>Review</li> <li>Discussion</li> </ul>	
			<b>MANAGEMENT OF NURSING EDUCATIONAL INSTITUTIONS</b>		
XIII	4 (T)	Describe the process of establishing educational institutions and its accreditation guidelines	<b>Establishment of Nursing Educational Institutions</b> <ul style="list-style-type: none"> <li>Indian Nursing Council norms and guidelines – Faculty norms, physical facilities, clinical facilities, curriculum implementation, and evaluation/examination guidelines</li> <li>Coordination with regulatory bodies – INC and State Nursing Council</li> <li>Accreditation – Inspections</li> <li>Affiliation with university/State council/board of examinations</li> </ul>	<ul style="list-style-type: none"> <li>Lecture and discussion</li> <li>Visit to one of the regulatory bodies</li> </ul>	<ul style="list-style-type: none"> <li>Visit report</li> </ul>
XIV	4 (T)	Explain the planning and organizing functions of a nursing college	<b>Planning and Organizing</b> <ul style="list-style-type: none"> <li>Philosophy, objectives and mission of the college</li> <li>Organization structure of school/college</li> <li>Review – Curriculum planning</li> <li>Planning teaching and learning experiences, clinical facilities – master plan, time table and clinical rotation</li> <li>Budget planning – faculty, staff, equipment &amp; supplies, AV aids, Lab equipment, library books, journals, computers and maintenance</li> <li>Infrastructure facilities – college, classrooms, hostel, library, labs,</li> </ul>	<ul style="list-style-type: none"> <li>Directed reading – INC Curriculum</li> <li>Preparation of organizational structure of the college</li> <li>Written assignment – writing philosophy of a teaching department</li> <li>Preparation of master plan, time table and clinical rotation</li> </ul>	<ul style="list-style-type: none"> <li>Short answer</li> <li>Essay</li> <li>Assessment of assignment</li> </ul>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			<p>computer lab, transport facilities</p> <ul style="list-style-type: none"> <li>Records &amp; reports for students, staff, faculty and administrative</li> <li>Committees and functioning</li> <li>Clinical experiences</li> </ul>		
XV	4 (T)	Develop understanding of staffing the college and selecting the students	<p><b>Staffing and Student Selection</b></p> <ul style="list-style-type: none"> <li>Faculty/staff selection, recruitment and placement, job description</li> <li>Performance appraisal</li> <li>Faculty development</li> <li>Faculty/staff welfare</li> <li>Student recruitment, admission, clinical placement</li> </ul>	<ul style="list-style-type: none"> <li>Guided reading on faculty norms</li> <li>Faculty welfare activities report</li> <li>Writing job description of tutors</li> </ul>	<ul style="list-style-type: none"> <li>Short answer</li> <li>Activity report</li> <li>Assessment of job description</li> </ul>
XVI	4 (T)	Analyze the leadership and management activities in an educational organization	<p><b>Directing and Controlling</b></p> <ul style="list-style-type: none"> <li>Review – Curriculum implementation and evaluation</li> <li>Leadership and motivation, supervision – review</li> <li>Guidance and counseling</li> <li>Quality management – educational audit</li> <li>Program evaluation, evaluation of performance</li> <li>Maintaining discipline</li> <li>Institutional records and reports – administrative, faculty, staff and students</li> </ul>	<ul style="list-style-type: none"> <li>Review principles of evaluation</li> <li><b>Assignment</b> – Identify disciplinary problems among students</li> <li>Writing student record</li> </ul>	<ul style="list-style-type: none"> <li>Short answer</li> <li>Assessment of assignment and record</li> </ul>
XVII	4 (T)	Identify various legal issues and laws relevant to nursing practice	<p><b>PROFESSIONAL CONSIDERATIONS</b></p> <p><b>Review – Legal and Ethical Issues</b></p> <ul style="list-style-type: none"> <li>Nursing as a profession – Characteristics of a professional nurse</li> <li>Nursing practice – philosophy, aim and objectives</li> <li>Regulatory bodies – INC and SNC constitution and functions</li> </ul> <p><b>Review – Professional ethics</b></p> <ul style="list-style-type: none"> <li>Code of ethics and professional conduct – INC &amp; ICN</li> <li>Practice standards for nursing – INC</li> <li>International Council for Nurses (ICN)</li> </ul> <p><b>Legal aspects in nursing:</b></p> <ul style="list-style-type: none"> <li>Consumer protection act, patient rights</li> <li>Legal terms related to practice, legal</li> </ul>		

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			system – types of law, tort law & liabilities <ul style="list-style-type: none"> <li>• Laws related to nursing practice – negligence, malpractice, breach, penalties</li> <li>• Invasion of privacy, defamation of character</li> <li>• Nursing regulatory mechanisms – registration, licensure, renewal, accreditation, nurse practice act, regulation for nurse practitioner/specialist nursing practice</li> </ul>		
<b>XVIII</b>	2 (T)	Explain various opportunities for professional advancement	<b>Professional Advancement</b> <ul style="list-style-type: none"> <li>• Continuing Nursing Education</li> <li>• Career opportunities</li> <li>• Membership with professional organizations – national and international</li> <li>• Participation in research activities</li> <li>• Publications – journals, newspaper</li> </ul>	<ul style="list-style-type: none"> <li>• Prepare journal list available in India</li> <li>• Write an article – research/ clinical</li> </ul>	<ul style="list-style-type: none"> <li>• Assessment of assignments</li> </ul>

**Note:** Less than 1 credit lab hours are not specified

## CLINICAL PRACTICUM

**Clinical:** 2 Credits (80 hours) 2 weeks × 40 hours per week = 80 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

**CLINICAL POSTING:** Management experience in hospital & college.

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