

BHAKTA KAVI NARSINH MEHTA UNIVERSITY

JUNAGADH



FACULTY OF MEDICINE

**B. Sc. (Nursing)
Regulations & Curriculum**

Effective From July-2022

BHAKTA KAVI NARSINH MEHTA UNIVERSITY

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Regulations and Curriculum

B.Sc. Nursing



Indian Nursing Council

8th Floor, NBCC Centre, Plot No. 2, Community Centre,
Okhla Phase-I, New Delhi-110020

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 indicators Describe the various national health	Introduction to midwifery • History of midwifery in India • <i>Current scenario:</i> ◦ Trends of maternity care in India ◦ Midwifery in India – Transformative education for relationship based and transformative midwifery practice in India • Vital health indicators – Maternal mortality ratio, Infant Mortality Rate, Neonatal Mortality Rate, perinatal mortality rate, fertility rates ◦ Maternal death audit	• Discussion • Demonstration • Role play • Directed reading and assignment: ICM competencies • Scenario based learning	• Short answer • Objective type • Essay • Quiz

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		programs related to RMNCH+A Identify the trends and issues in midwifery Discuss the legal and ethical issues relevant to midwifery practice	- National health programs related to RMNCH+A (Reproductive Maternal Newborn and Child Health + Adolescent Health) <i>Current trends in midwifery and OBG nursing:</i> - Respectful maternity and newborn care (RMNC) - Midwifery-led care units (MLCU) - Women centered care, physiologic birthing and demedicalization of birth - Birthing centers, water birth, lotus birth - Essential competencies for midwifery practice (ICM) - Universal rights of child-bearing women - Sexual and reproductive health and rights - Women's expectations & choices about care <i>Legal provisions in midwifery practice in India:</i> - INC/MOH&FW regulations - ICM code of ethics - Ethical issues in maternal and neonatal care - Adoption laws, MTP act, Pre-Natal Diagnostic Test (PNDT) Act, Surrogate mothers - Roles and responsibilities of a midwife/Nurse practitioner midwife in different settings (hospital/ community) - Scope of practice for midwives		
II	6 (T) 3 (L)	Review the anatomy and physiology of human reproductive system	Anatomy and physiology of human reproductive system and conception (Maternal, Fetal & Newborn physiology) <i>Review:</i> - Female organs of reproduction - Female pelvis – bones, joints, ligaments, planes, diameters, landmarks, inclination, pelvic variations - Foetal skull – bones, sutures, fontanelles, diameters, moulding - Fetopelvic relationship - Physiology of menstrual cycle, menstrual hygiene - Fertilization, conception and implantation - Embryological development - Placental development and function, placental barrier - Fetal growth and development - Fetal circulation & nutrition	- Lecture - Discussion - Self-directed learning - Models - Videos & films	- Quiz - Short answer - Essay

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
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 1st, 2nd and 3rd trimesters	Assessment and management of normal pregnancy (ante-natal): Pre-pregnancy Care • Review of sexual development (<i>Self Learning</i>) • Socio-cultural aspects of human sexuality (<i>Self Learning</i>) • Preconception care • Pre-conception counseling (including awareness regarding normal birth) Genetic counseling (<i>Self Learning</i>) • Planned parenthood Pregnancy assessment and antenatal care (I, II & III Trimesters) Normal pregnancy • Physiological changes during pregnancy • Assess and confirm pregnancy: Diagnosis of pregnancy – Signs, differential diagnosis and confirmatory tests • Review of maternal nutrition & malnutrition • Building partnership with women following RMC protocol • Fathers' engagement in maternity care Ante-natal care: 1st Trimesters • Antenatal assessment: History taking, physical examination, breast examination, laboratory investigation • Identification and management of minor discomforts of pregnancy • Antenatal care : as per GoI guidelines • Antenatal counseling (lifestyle changes, nutrition, shared decision making, risky behavior, sexual life during pregnancy, immunization etc.) • Danger signs during pregnancy • Respectful care and compassionate communication • Recording and reporting: as per the GoI guidelines • Role of Doula/ASHAs II Trimester • Antenatal assessment: abdominal palpation, fetal assessment, auscultate fetal heart rate – Doppler and pinnard's stethoscope • Assessment of fetal well-being: DFMC, biophysical profile, Non	• Lecture • Discussion • Demonstration • Self-Learning • Health talk • Role play • Counseling session • Case discussion/ presentation • Simulation • Supervised clinical practice • Refer SBA module & Safe motherhood booklet • Lab tests – performance and interpretation • Demonstration • Roleplay • Demonstration of antenatal assessment	• Short answer • Objective type • Assessment of skills with check list • Case study evaluation • OSCE

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			stress test, cardio-tocography, USG, Vibro acoustic stimulation, biochemical tests. • Antenatal care • Women centered care • Respectful care and compassionate communication • Health education on IFA, calcium and vitamin D supplementation, glucose tolerance test, etc. • Education and management of physiological changes and discomforts of 2nd trimester • Rh negative and prophylactic anti D • Referral and collaboration, empowerment • Ongoing risk assessment • Maternal Mental Health III Trimester • Antenatal assessment: abdominal palpation, fetal assessment, auscultate fetal heart rate – Doppler and pinnard's stethoscope • Education and management of physiological changes and discomforts of 3rd trimester • Third trimester tests and screening • Fetal engagement in late pregnancy • Childbirth preparation classes • Birth preparedness and complication readiness including micro birth planning • Danger signs of pregnancy – recognition of ruptured membranes • Education on alternative birthing positions – women's preferred choices, birth companion • Ongoing risk assessment • Cultural needs • Women centered care • Respectful and compassionate communication • Health education on exclusive breastfeeding • Role of Doula/ASHA's	• Scenario based learning • Lecture • Simulation • Role play • Refer Gol Guidelines • Health talk • Counseling session • Demonstration of birthing positions • Workshop on alternative birthing positions	
IV	12 (T) 12 (L) 80 (C)	Apply the physiology of labour in promoting normal childbirth Describe the management and care during labour	Physiology, management and care during labour • Normal labour and birth • Onset of birth/labour • Per vaginal examination (if necessary) • Stages of labour • Organization of labour room – Triage, preparation for birth • Positive birth environment • Respectful care and communication	• Lecture • Discussion • Demonstration • Bedside clinics • Case discussion/ presentation • Simulated practice • Supervised Clinical practice – Per vaginal	• Essay type • Short answer • Objective type • Case study evaluation • Assessment of skills with check list • OSCE

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		Discuss how to maintain a safe environment for labour	• Drugs used in labour as per GoI guidelines	• examination, Conduction of normal childbirth	
		Work effectively for pain management during labour	First Stage • Physiology of normal labour • Monitoring progress of labour using Partograph/labour care guide • Assessing and monitoring fetal well being • Evidence based care during 1st stage of labour • Pain management in labour (non-pharmacological) • Psychological support – Managing fear • Activity and ambulation during first stage of labour • Nutrition during labour • Promote positive childbirth experience for women • Birth companion • Role of Doula/ASHA's	• Refer SBA module • LaQshya guidelines • Dakshata guidelines	
		Discuss how the midwife provides care and support for the women during birth to enhance physiological birthing and promote normal birth	Second stage • Physiology (Mechanism of labour) • Signs of imminent labour • Intrapartum monitoring • Birth position of choice • Vaginal examination • Psychological support • Non-directive coaching • Evidence based management of physiological birth/Conduction of normal childbirth	• Refer ENBC, NSSK module • Demonstration • Group work • Scenario based learning	
		Assess and provide care of the newborn immediately following birth	• Essential newborn care (ENBC) • Immediate assessment and care of the newborn • Role of Doula/ASHA's		
			Third Stage • Physiology – placental separation and expulsion, hemostasis • Physiological management of third stage of labour • Active management of third stage of labour (recommended) • Examination of placenta, membranes and vessels • Assess perineal, vaginal tear/ injuries and suture if required • Insertion of postpartum IUCD • Immediate perineal care • Initiation of breast feeding • Skin to skin contact • Newborn resuscitation	• Simulation • Role play • Demonstration • Videos	
		Discuss the impact of labour and birth as a transitional	Fourth Stage <i>Observation, Critical Analysis and Management of mother and newborn</i>		

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
		event in the woman's life Ensure initiation of breast feeding and adequate latching	• Maternal assessment, observation fundal height, uterine consistency, urine output, blood loss • Documentation and Record of birth • Breastfeeding and latching • Managing uterine cramp • Alternative/complementary therapies • Role of Doula/ASHA's • Various childbirth practices • Safe environment for mother and newborn to promote bonding • Maintaining records and reports		
V	7 (T) 6 (L) 40 (C)	Describe the physiology, management and care of normal puerperium	Postpartum care/Ongoing care of women • Normal puerperium – Physiology, duration • Post-natal assessment and care – facility and home-based care • Perineal hygiene and care • Bladder and bowel function • Minor disorders of puerperium and its management • Physiology of lactation and lactation management • Postnatal counseling and psychological support • Normal postnatal baby blues and recognition of post-natal depression • Transition to parenthood • Care for the woman up to 6 weeks after childbirth • Cultural competence (Taboos related to postnatal diet and practices) • Diet during lactation-review • Post-partum family planning • Follow-up of postnatal mothers • Drugs used in the postnatal period • Records and reports	• Lecture • Discussion • Demonstration • Health talk • Simulated practice • Supervised clinical practice • Refer SBA module	• Essay type • Short answer • Objective type • Assessment of skills with checklist • OSCE
VI	7 (T) 7 (L) 40 (C)	Discuss the need for and provision of compassionate, family centered midwifery care of the newborn Describe the assessment and care of normal neonate	Assessment and ongoing care of normal neonates • Family centered care • Respectful newborn care and communication • Normal Neonate – Physiological adaptation • Newborn assessment – Screening for congenital anomalies • Care of newborn up to 6 weeks after the childbirth (Routine care of newborn) • Skin to skin contact and thermoregulation • Infection prevention • Immunization	• Lecture • Discussion • Demonstration • Simulated practice session • Supervised clinical practice • Refer safe deliver app module – newborn management • Partial completion of SBA module	• Essay type • Short answer • Objective type • Assessment of skills with checklist • OSCE

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
			Minor disorders of newborn and its management		
VII	8 (T) 2 (L) 40 (C)	Explain various methods of family planning and role of nurse/midwife in providing family planning services Describe youth friendly services and role of nurses/midwives Recognize the role of nurses/midwives in gender based violence	Family welfare services - Impact of early/frequent childbearing - Comprehensive range of family planning methods - Temporary methods – Hormonal, non-hormonal and barrier methods - Permanent methods – Male sterilization and female sterilization - Action, effectiveness, advantages, disadvantages, myths, misconception and medical eligibility criteria (MEC) for use of various family planning methods - Emergency contraceptives - Recent trends and research in contraception - Family planning counseling using Balanced Counseling Strategy (BCS) - Legal and rights aspects of FP - Human rights aspects of FP adolescents - Youth friendly services – SRHR services, policies affecting SRHR and attitude of nurses and midwives in provision of services (Review) - Importance of follow up and recommended timing Gender related issues in SRH - Gender based violence – Physical, sexual and abuse, Laws affecting GBV and role of nurse/midwife - Special courts for abused people - Gender sensitive health services including family planning	- Lecture - Supervised practice - Field visits - Scenario based learning - Discussion - GoI guidelines – injectable contraceptives, oral contraceptives, IUCD, male and female sterilization	- Essay type - Short answers - Objective type - Field visit reports - Vignettes

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)

Clinical Area	Duration (weeks)	Clinical Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Antenatal OPD and Antenatal ward	1 week	Perform antenatal assessment	• History collection • Physical examination • Obstetric examination • Pregnancy confirmation test	• Antenatal palpation • Health talk • Case study	• OSCE • Case presentation

Clinical Area	Duration (weeks)	Clinical Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
		Perform laboratory tests for antenatal women and assist in selected antenatal diagnostic procedures Counsel antenatal women	• Urine testing • Blood testing for Hemoglobin, grouping & typing • Blood test for malaria • KICK chart • USG/NST • Antenatal counseling • Preparation for childbirth • Birth preparedness and complication readiness		
Labour room	3 weeks	Monitor labour using partograph Provide care to women during labour Conduct normal childbirth, provide care to mother and immediate care of newborn	• Assessment of woman in labour • Partograph • Per vaginal examination when indicated • Care during first stage of labour • Pain management techniques • Upright and alternative positions in labour • Preparation for labour – articles, physical, psychological • Conduction of normal childbirth • Essential newborn care • Newborn resuscitation • Active management of third stage of labour • Monitoring and care during fourth stage of labour	• Partograph recording • PV examination • Assisting/ Conduction of normal childbirth • Case study • Case presentation • Episiotomy and suturing if indicated • Newborn resuscitation	• Assignment • case study • Case presentation • OSCE
Post-partum clinic and Postnatal Ward including FP unit	2 weeks	Perform postnatal assessment Provide care to normal postnatal mothers and newborn Provide postnatal counseling Provide family welfare services	• Postnatal assessment • Care of postnatal mothers – normal • Care of normal newborn • Lactation management • Postnatal counseling • Health teaching on postnatal and newborn care • Family welfare counseling	• Postnatal assessment • Newborn assessment • Case study • Case presentation • PPIUCD insertion & removal	• Assignment • Case study • Case presentation

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)

Clinical Areas	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Antenatal OPD/ infertility clinics/ Reproductive medicine and antenatal ward	2 weeks	Perform/assist in selected advanced antenatal diagnostic procedures Provide antenatal care for women with complications of pregnancy Counsel antenatal mothers	• Kick chart, DFMC • Assist in NST/CTG/USG • Assisting in advanced diagnostic procedures • Care of antenatal women with complications in pregnancy • Antenatal counselling • Preparation for childbirth, Birth preparedness and complication readiness	• Antenatal palpation • Health talk • Case study	• Simulation • Case presentation • OSCE

Clinical Areas	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
		Provide post abortion care and counselling Provide counselling and support to infertile couples	• Post abortion care • Post abortion counselling • Counselling infertile couples		
Labour room	2 weeks	Conduction of normal childbirth Conduct/assist in abnormal deliveries Monitor labour using partograph Identify and manage complications during labour	• Assessment of woman in labour • Partograph • Pervaginal examination if indicated • Obstetric examination • Care during first stage of labour • Pain management techniques • Upright and alternative positions in labour • Preparation for labour – articles, physical, psychological • Conduction of normal childbirth • Essential newborn care • Newborn resuscitation • Active management of third stage of labour • Monitoring and care during fourth stage of labour • Identification, stabilization, referral and assisting in management of prolonged labour, cervical dystocia, CPD, contracted pelvis • Assist in the management of abnormal deliveries – posterior position, breech deliveries, twin deliveries, vacuum extraction, forceps delivery, shoulder dystocia • Assist in cervical encirculation procedures, D&C, D&E • Identify, assist and manage trauma to the birth canal, retained placenta, post partum hemorrhage, uterine atony • Management of obstetric shock	• Partograph recording • Pain management during labour • Conduction of normal childbirth • Assisting in abnormal deliveries • Managing complication during labour • Case study • Case presentation	• Assignment • Case study • Case presentation • Simulation • OSCE
Postnatal Ward	1 week	Perform postnatal assessment and identify postnatal complications Provide postnatal care	• Postnatal history collection and physical examination • Identify postnatal complications	• Health talk • Postnatal assessment • Newborn assessment • Case studies	• Role play • Assignment • Case study • Case presentation • Simulation

Clinical Areas	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
		Provide family welfare services	- Care of postnatal mothers – abnormal deliveries, caesarean section - Care of normal newborn - Lactation management - Postnatal counselling - Health teaching on postnatal and newborn care - Family welfare counselling	- Case presentation - PPIUCD insertion and removal	- Vignettes - OSCE
Neonatal Intensive Care Unit	1 week	Perform assessment of newborn and identify complications/congenital anomalies Perform neonatal resuscitation Care of high risk newborn Provide care for newborns in ventilator, incubator etc Assist/perform special neonatal procedures	- Neonatal assessment – identification of complication, congenital anomalies. - Observation of newborn - Neonatal resuscitation - Phototherapy and management of jaundice in newborn - Assist in Exchange transfusion - Neonatal feeding – spoon and katori, paladai, NG tube - Care of baby in incubator, ventilator, warmer - Infection control in the nursery - Neonatal medications - Starting IV line for newborn, drug calculation	- Case study - Case presentation - Assignments - Simulated practice	- Case presentation - Care study - Care plan - Simulation, Vignettes - OSCE
Obstetric/ Gynae operation theatre & Gynecology ward	2 weeks	Assist in gynecological and obstetric surgeries Care for women with gynecological disorders	- Observe/Assist in caesarean section - Management of retained placenta - Gynecological surgeries - Hysterectomy - Uterine rupture - Care of women with gynecological conditions - Health education	- Assisting in obstetric and gynecological surgery - Tray set-up for caesarean section - Care plan	- Assignment - Tray set-up for obstetric and gynecological surgeries - Case presentation - Simulation - Vignettes

Note: Completion of safe delivery App module during VII Semester

COMMUNITY HEALTH NURSING - II

PLACEMENT: VII SEMESTER

THEORY: 5 Credits (100 hours) – includes lab hours also

PRACTICUM: Clinical: 2 Credit (160 hours)

DESCRIPTION: This course is designed to help students gain broad perspective of specialized roles and responsibilities of community health nurses and to practice in various specialized health care settings. It helps students to develop knowledge and competencies required for assessment, diagnosis, treatment, and nursing management of individuals and families within the community in wellness and illness continuum.

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

1. Demonstrate beginning practice competencies/skills relevant to provide comprehensive primary health care/community-based care to clients with common diseases and disorders including emergency and first aid care at home/clinics/centres as per predetermined protocols/drug standing orders approved by MOH&FW
2. Provide maternal, newborn and child care, and reproductive health including adolescent care in the urban and rural health care settings
3. Describe the methods of collection and interpretation of demographic data
4. Explain population control and its impact on the society and describe the approaches towards limiting family size
5. Describe occupational health hazards, occupational diseases and the role of nurses in occupational health programs
6. Identify health problems of older adults and provide primary care, counseling and supportive health services
7. Participate in screening for mental health problems in the community and providing appropriate referral services
8. Discuss the methods of data collection for HMIS, analysis and interpretation of data
9. Discuss about effective management of health information in community diagnosis and intervention
10. Describe the management system of delivery of community health services in rural and urban areas
11. Describe the leadership role in guiding, supervising, and monitoring the health services and the personnel at the PHCs, SCs and community level including financial management and maintenance of records & reports
12. Describe the roles and responsibilities of Mid-Level Health Care Providers (MHCPs) in Health Wellness Centers (HWCs)
13. Identify the roles and responsibilities of health team members and explain their job description
14. Demonstrate initiative in preparing themselves and the community for disaster preparedness and management
15. Demonstrate skills in proper bio-medical waste management as per protocols
16. Explain the roles and functions of various national and international health agencies

COURSE OUTLINE

T – Theory

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching / Learning Activities	Assessment Methods
I	10 (T)	Explain nurses' role in identification, primary management and referral of clients with common disorders/ conditions and	Management of common conditions and emergencies including first aid • Standing orders: Definition, uses Screening, diagnosing/ identification, primary care and referral of Gastrointestinal System ○ Abdominal pain ○ Nausea and vomiting ○ Diarrhea	• Lecture • Discussion • Demonstration • Role play • Suggested field visits • Field practice	• Short answer • Essay • Field visit reports • OSCE assessment

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching / Learning Activities	Assessment Methods
		emergencies including first aid	○ Constipation ○ Jaundice ○ GI bleeding ○ Abdominal distension ○ Dysphagia and dyspepsia ○ Aphthous ulcers Respiratory System ○ Acute upper respiratory infections – Rhinitis, Sinusitis, Pharyngitis, Laryngitis, Tonsillitis ○ Acute lower respiratory infections – Bronchitis, pneumonia and bronchial asthma ○ Hemoptysis, Acute chest pain Heart & Blood ○ Common heart diseases – Heart attack/coronary artery disease, heart failure, arrhythmia ○ Blood anemia, blood cancers, bleeding disorders Eye & ENT conditions • Eye – local infections, redness of eye, conjunctivitis, sty, trachoma and refractive errors • ENT – Epistaxis, ASOM, sore throat, deafness Urinary System • Urinary tract infections – cystitis, pyelonephritis, prostatitis, UTIs in children First aid in common emergency conditions – Review • High fever, low blood sugar, minor injuries, fractures, fainting, bleeding, shock, stroke, bites, burns, choking, seizures, RTAs, poisoning, drowning and foreign bodies	• Assessment of clients with common conditions and provide referral	
II	20 (T)	Provide reproductive, maternal, newborn and childcare, including adolescent care in the urban and rural health care settings	Reproductive, maternal, newborn, child and adolescent Health (Review from OBG Nursing and application in community setting) • Present situation of reproductive, maternal and child health in India Antenatal care • Objectives, antenatal visits and examination, nutrition during pregnancy, counseling • Calcium and iron supplementation in pregnancy • Antenatal care at health centre level • Birth preparedness • High risk approach – Screening/early identification and primary management of complications – Antepartum hemorrhage, pre-eclampsia, eclampsia, Anemia, Gestational diabetes mellitus, Hypothyroidism, Syphilis	• Lecture • Discussion • Demonstration • Role play • Suggested field visits and field practice • Assessment of antenatal, postnatal, newborn, infant, preschool child, school child, and adolescent health	• Short answer • Essay • OSCE assessment

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching / Learning Activities	Assessment Methods
		Promote adolescent health and youth friendly services	- Referral, follow up and maintenance of records and reports Intra natal care - Normal labour – process, onset, stages of labour - Monitoring and active management of different stages of labour - Care of women after labour - Early identification, primary management, referral and follow up – preterm labour, fetal distress, prolonged and obstructed labour, vaginal & perennial tears, ruptured uterus - Care of newborn immediately after birth - Maintenance of records and reports - Use of Safe child birth check list - SBA module – Review - Organization of labour room Postpartum care - Objectives, Postnatal visits, care of mother and baby, breast feeding, diet during lactation, and health counseling - Early identification, primary management, referral and follow up of complications, Danger signs- postpartum hemorrhage, shock, puerperal sepsis, breast conditions, post-partum depression - Postpartum visit by health care provider Newborn and child care <i>Review:</i> Essential newborn care - Management of common neonatal problems - Management of common child health problems: Pneumonia, Diarrhoea, Sepsis, screening for congenital anomalies and referral <i>Review:</i> IMNCI Module - Under five clinics Adolescent Health - Common health problems and risk factors in adolescent girls and boys - Common Gynecological conditions – dysmenoorhea, Premenstrual Syndrome (PMS), Vaginal discharge, Mastitis, Breast lump, pelvic pain, pelvic organ prolapse - Teenage pregnancy, awareness about legal age of marriage, nutritional status of adolescents National Menstrual Hygiene scheme - Youth friendly services: - SRH Service needs - Role and attitude of nurses: Privacy, confidentiality, non judgemental attitude, client autonomy, respectful care and communication	- Screen, manage and refer adolescents - Counsel adolescents	

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching / Learning Activities	Assessment Methods
			• Counseling for parents and teenagers (BCS – balanced counseling strategy) National Programs • RMNCH+A Approach – Aims, Health systems strengthening, RMNCH+A strategies, Interventions across life stages, program management, monitoring and evaluation systems • Universal Immunization Program (UIP) as per Government of India guidelines – Review • Rashtriya Bal Swasthya Karyakaram (RSBK) -children • Rashtriya Kishor Swasthya Karyakram (RKSK) – adolescents Any other new programs		
III	4 (T)	Discuss the concepts and scope of demography	Demography, Surveillance and Interpretation of Data • <i>Demography and vital statistics</i> – demographic cycle, world population trends, vital statistics • Sex ratio and child sex ratio, trends of sex ratio in India, the causes and social implications • <i>Sources of vital statistics</i> – Census, registration of vital events, sample registration system • <i>Morbidity and mortality indicators</i> – Definition, calculation and interpretation • Surveillance, Integrated disease surveillance project (IDSP), Organization of IDSP, flow of information and mother and child tracking system (MCTS) in India • Collection, analysis, interpretation, use of data • <i>Review</i>: Common sampling techniques – random and nonrandom techniques • Disaggregation of data	• Lecture • Discussion • Demonstration • Role play • Suggested field visits • Field practice	• Short answer • Essay
IV	6 (T)	Discuss population explosion and its impact on social and economic development of India Describe the various methods of population control	Population and its Control • Population Explosion and its impact on Social, Economic development of individual, society and country. • Population Control – Women Empowerment; Social, Economic and Educational Development • Limiting Family Size – Promotion of small family norm, Temporary Spacing Methods (natural, biological, chemical, mechanical methods etc.), Terminal Methods (Tubectomy, Vasectomy) • Emergency Contraception • Counseling in reproductive, sexual health including problems of adolescents • Medical Termination of pregnancy and MTP Act	• Lecture • Discussion • Demonstration • Role play • Suggested field visits • Field practice	• Short answer • Essay • OSCE assessment • Counseling on family planning

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching / Learning Activities	Assessment Methods
			- National Population Stabilization Fund/JSK (Jansankhya Sthirata Kosh) - Family planning 2020 - National Family Welfare Program - Role of a nurse in Family Welfare Program		
V	5 (T)	Describe occupational health hazards, occupational diseases and the role of nurses in occupational health programs	Occupational Health - Occupational health hazards - Occupational diseases - ESI Act - National/ State Occupational Health Programs - Role of a nurse in occupational health services – Screening, diagnosing, management and referral of clients with occupational health problems	- Lecture - Discussion - Demonstration - Role play - Suggested field visits - Field practice	- Essay - Short answer - Clinical performance evaluation
VI	6 (T)	Identify health problems of older adults and provide primary care, counseling and supportive health services	Geriatric Health Care - Health problems of older adults - Management of common geriatric ailments: counseling, supportive treatment of older adults - Organization of geriatric health services - National program for health care of elderly (NPHCE) - State level programs/Schemes for older adults - Role of a community health nurse in geriatric health services – Screening, diagnosing, management and referral of older adults with health problems	- Lecture - Discussion - Demonstration	- Visit report on elderly home - Essay - Short answer
VII	6 (T)	Describe screening for mental health problems in the community, take preventive measures and provide appropriate referral services	Mental Health Disorders - Screening, management, prevention and referral for mental health disorders - Review: - Depression, anxiety, acute psychosis, Schizophrenia - Dementia - Suicide - Alcohol and substance abuse - Drug deaddiction program - National Mental Health Program - National Mental Health Policy - National Mental Health Act - Role of a community health nurse in screening, initiation of treatment and follow up of mentally ill clients	- Lecture - Discussion - Demonstration - Role play - Health counseling on promotion of mental health - Suggested field visits - Field practice	- Essay - Short answer - Counseling report
VIII	4 (T)	Discuss about effective management of health information in community diagnosis and intervention	Health Management Information System (HMIS) - Introduction to health management system: data elements, recording and reporting formats, data quality issues - Review: - Basic Demography and vital statistics - Sources of vital statistics - Common sampling techniques, frequency distribution	- Lecture - Discussion - Demonstration - Role play - Suggested field visits - Field practice - Group project on community diagnosis – data management	- Group project report - Essay - Short answer

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching / Learning Activities	Assessment Methods
			- Collection, analysis, interpretation of data - Analysis of data for community needs assessment and preparation of health action plan		
IX	12 (T)	Describe the system management of delivery of community health services in rural and urban areas	Management of delivery of community health services: - Planning, budgeting and material management of CHC, PHC, SC/HWC Manpower planning as per IPHS standards Rural: Organization, staffing and material management of rural health services provided by Government at village, SC/HWC, PHC, CHC, hospitals – district, state and central Urban: Organization, staffing, and functions of urban health services provided by Government at slums, dispensaries, special clinics, municipal and corporate hospitals - Defense services - Institutional services - Other systems of medicine and health: Indian system of medicine, AYUSH clinics, Alternative health care system referral systems, Indigenous health services	- Lecture - Discussion - Visits to various health care delivery systems - Supervised field practice	- Essay - Short answer - Filed visit reports
X	15 (T)	Describe the leadership role in guiding, supervising, and monitoring the health services and the personnel at the PHCs, SCs and community level including financial management Describe the roles and responsibilities of Mid-Level Health Care Providers (MHCPs) in Health Wellness Centers (HWCs)	Leadership, Supervision and Monitoring - Understanding work responsibilities/job description of DPHN, Health Visitor, PHN, MPHW (Female), Multipurpose health Worker (Male), AWWs and ASHA - Roles and responsibilities of Mid-Level Health Care Providers (MLHPs) - Village Health Sanitation and Nutrition Committees (VHSNC): objectives, composition and roles & responsibilities - Health team management <i>Review:</i> Leadership & supervision – concepts, principles & methods - Leadership in health: leadership approaches in healthcare setting, taking control of health of community and organizing health camps, village clinics - Training, Supportive supervision and monitoring – concepts, principles and process e.g. performance of frontline health workers Financial Management and Accounting & Computing at Health Centers (SC) - Activities for which funds are received - Accounting and book keeping requirements – accounting principles & policies, book of accounts to be	- Lecture - Discussion - Demonstration - Role play - Suggested field visits - Field practice	- Report on interaction with MPHWs, HVs, ASHA, AWWs - Participation in training programs - Essay - Short answer

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching / Learning Activities	Assessment Methods
			maintained, basic accounting entries, accounting process, payments & expenditure, fixed asset, SOE reporting format, utilization certificate (UC) reporting ○ Preparing a budget ○ Audit Records & Reports: • <i>Concepts of records and reports</i> – importance, legal implications, purposes, use of records, principles of record writing, filing of records • <i>Types of records</i> – community related records, registers, guidelines for maintaining • <i>Report writing</i> – purposes, documentation of activities, types of reports • <i>Medical Records Department</i> – functions, filing and retention of medical records • <i>Electronic Medical Records (EMR)</i> – capabilities and components of EMR, electronic health record (EHR), levels of automation, attributes, benefits and disadvantages of HER • Nurses' responsibility in record keeping and reporting		
XI	6 (T)	Demonstrate initiative in preparing themselves and the community for disaster preparedness and management	Disaster Management • Disaster types and magnitude • Disaster preparedness • Emergency preparedness • Common problems during disasters and methods to overcome • Basic disaster supplies kit • Disaster response including emergency relief measures and Life saving techniques Use disaster management module	• Lecture • Discussion • Demonstration • Role play • Suggested field visits, and field practice • Mock drills • Refer Disaster module (NDMA) National Disaster/INC – Reaching out in emergencies	
XII	3 (T)	Describe the importance of bio-medical waste management, its process and management	Bio-Medical Waste Management • Waste collection, segregation, transportation and management in the community • Waste management in health center/clinics • Bio-medical waste management guidelines – 2016, 2018 (Review)	• Lecture cum Discussion • Field visit to waste management site	• Field visit report
XIII	3 (T)	Explain the roles and functions of various national and international health agencies	Health Agencies • International: WHO, UNFPA, UNDP, World Bank, FAO, UNICEF, European Commission, Red Cross, USAID, UNESCO, ILO, CAR, CIDA, JHPIEGO, any other • National: Indian Red Cross, Indian Council for Child Welfare, Family	• Lecture • Discussion • Field visits	• Essay • Short answer

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching / Learning Activities	Assessment Methods
			Planning Association of India, Tuberculosis Association of India, Central Social Welfare Board, All India Women's Conference, Blind Association of India, any other • Voluntary Health Association of India (VHA)		

COMMUNITY HEALTH NURSING II
Clinical practicum – 2 credits (160 hours)

CLINICAL POSTINGS (4 weeks × 40 hours per week)

Clinical Area	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Urban	2 weeks	Screen, diagnose, manage and refer clients with common conditions/ emergencies	Screening, diagnosing, management and referral of clients with common conditions/ emergencies	- Screening, diagnosing, Primary management and care based on standing orders/protocols approved by MOH&FW - Minor ailments – 2 - Emergencies – 1 - Dental problems – 1 - Eye problems – 1 - Ear, nose, and throat problems – 1	- Clinical performance assessment - OSCE during posting - Final clinical examination (University)
Rural	2 Weeks	Assess and provide antenatal, intrapartum, postnatal and newborn care	- Assessment (physical & nutritional) of antenatal, intrapartum, postnatal and newborn - Conduction of normal delivery at health center - Newborn care	- High risk pregnant woman – 1 - High risk neonate – 1 - Assessment of antenatal – 1, intrapartum – 1, postnatal – 1 and newborn – 1 - Conduction of normal delivery at health center and documentation – 2 - Immediate newborn care and documentation – 1	- Clinical performance assessment - OSCE
		Promote adolescent health	Counsel adolescents	Adolescent counseling – 1	
		Provide family welfare services	- Family planning counselling - Distribution of temporary contraceptives – condoms, OCP's, emergency contraceptives	- Family planning counselling – 1 - Family case study – 1 (Rural/Urban)	Family Case study evaluation
		Screen, diagnose, manage and refer clients with occupational health problem	Screening, diagnosing, management and referral of clients with occupational health problems	Screening, diagnosing, management and referral of clients with occupational health problems – 1	Clinical performance evaluation

Clinical Area	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
		Screen, assess and manage elderly with health problems and refer appropriately Screen, diagnose, manage and refer clients who are mentally unhealthy Participate in community diagnosis – data management Participate in health centre activities Organize and conduct clinics/health camps in the community Prepare for disaster preparedness and management Recognize the importance and observe the biomedical waste management process	• Health assessment of elderly • Mental health screening • Participation in Community diagnosis – data management • Writing health center activity report • Organizing and conducting clinics/camp • Participation in disaster mock drills	• Health assessment (Physical & nutritional) of elderly – 1 • Mental health screening survey – 1 • Group project: Community diagnosis – data management • Write report on health center activities – 1 • Organizing and conducting Antenatal/under-five clinic/Health camp – 1 • Participation in disaster mock drills • Field visit to bio-medical waste management site • Visit to AYUSH clinic	• OSCE • Project evaluation

NURSING RESEARCH AND STATISTICS

PLACEMENT: VII SEMESTER

THEORY: 2 Credits (40 hours)

PRACTICUM: Lab/Skill Lab: 1 Credit (40 hours) Clinical Project: 40 hours

DESCRIPTION: The Course is designed to enable students to develop an understanding of basic concepts of research, research process and statistics. It is further, structured to conduct/ participate in need-based research studies in various settings and utilize the research findings to provide quality nursing care. The hours for practical will be utilized for conducting individual/group research project.

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

1. Identify research priority areas
2. Formulate research questions/problem statement/hypotheses
3. Review related literature on selected research problem and prepare annotated bibliography
4. Prepare sample data collection tool
5. Analyze and interpret the given data
6. Practice computing, descriptive statistics and correlation
7. Draw figures and types of graphs on given select data
8. Develop a research proposal
9. Plan and conduct a group/individual research project

COURSE OUTLINE

T – Theory, P – Practicum

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
I	6		Describe the concept of research, terms, need and areas of research in nursing Explain the steps of research process State the purposes and steps of Evidence Based Practice	Research and Research Process • Introduction and need for nursing research • Definition of Research & nursing research • Steps of scientific method • Characteristics of good research • Steps of Research process – overview • Evidence Based Practice – Concept, Meaning, Purposes, Steps of EBP Process and Barriers	• Lecture cum Discussion • Narrate steps of research process followed from examples of published studies • Identify research priorities on a given area/ specialty • List examples of Evidence Based Practice	• Short answer • Objective type
II	2	8	Identify and state the research problem and objectives	Research Problem/Question • Identification of problem area • Problem statement • Criteria of a good research problem • Writing objectives and hypotheses	• Lecture cum Discussion • Exercise on writing statement of problem and objectives	• Short answer • Objective type • Formulation of research questions/ objectives/ hypothesis
III	2	6	Review the related literature	Review of Literature • Location • Sources	• Lecture cum Discussion	• Short answer • Objective type

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
				- On line search; CINHAL, COCHRANE etc. - Purposes - Method of review	- Exercise on reviewing one research report/ article for a selected research problem - Prepare annotated Bibliography	Assessment of review of literature on given topic presented
IV	4	1	Describe the Research approaches and designs	Research Approaches and Designs - Historical, survey and experimental - Qualitative and Quantitative designs	- Lecture cum Discussion - Identify types of research approaches used from examples of published and unpublished research - Studies with rationale	- Short answer - Objective type
V	6	6	Explain the Sampling process Describe the methods of data collection	Sampling and data Collection - Definition of Population, Sample - Sampling criteria, factors influencing sampling process, types of sampling techniques - Data – why, what, from whom, when and where to collect - Data collection methods and instruments - Methods of data collection - Questioning, interviewing - Observations, record analysis and measurement - Types of instruments, Validity & Reliability of the Instrument - Research ethics - Pilot study - Data collection procedure	- Lecture cum Discussion - Reading assignment on examples of data collection tools - Preparation of sample data collection tool - Conduct group research project	- Short answer - Objective type - Developing questionnaire/ Interview Schedule/ Checklist
VI	4	6	Analyze, Interpret and summarize the research data	Analysis of data Compilation, Tabulation, classification, summarization, presentation, interpretation of data	- Lecture cum Discussion - Preparation of sample tables	- Short answer - Objective type - Analyze and interpret given data
VII	12	8	Explain the use of statistics, scales of measurement and graphical presentation of data Describe the measures of central tendency and variability	Introduction to Statistics - Definition, use of statistics, scales of measurement. - Frequency distribution and graphical presentation of data - Mean, Median, Mode, Standard deviation - Normal Probability and tests of significance - Co-efficient of correlation	- Lecture cum Discussion - Practice on graphical presentations - Practice on computation of measures of central tendency, variability & correlation	- Short answer - Objective type - Computation of descriptive statistics

Unit	Time (Hrs.)		Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
	T	P				
			and methods of Correlation	Statistical packages and its application		
VIII	4	5	Communicate and utilize the research findings	Communication and utilization of Research - Communication of research findings - Verbal report - Writing research report - Writing scientific article/paper - Critical review of published research including publication ethics - Utilization of research findings - Conducting group research project	- Lecture cum Discussion - Read/ Presentations of a sample published/ unpublished research report - Plan, conduct and Write individual/group research project	- Short answer - Objective type - Oral Presentation - Development of research proposal - Assessment of research Project

MIDWIFERY/OBSTETRIC AND GYNECOLOGY NURSING - II

including Safe Delivery App Module

PLACEMENT: VII SEMESTER

THEORY: 3 Credits (60 hours)

PRACTICUM: Skill Lab: 1 Credit (40 Hours) Clinical: 4 Credits (320 Hours)

DESCRIPTION: This course is designed for students to develop knowledge and competencies on the concepts and principles of obstetric and gynecology nursing. It helps them to acquire knowledge and skills in rendering respectful maternity care to high risk woman during antenatal, natal and postnatal periods in hospitals and community settings and help to develop skills in initial management and referral of high risk neonates. It would also help students to gain knowledge, attitude and skills in caring for women with gynecological disorders.

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

1. Describe the assessment, initial management, referral and respectful maternity care of women with high risk pregnancy.
2. Demonstrate competency in identifying deviation from normal pregnancy.
3. Describe the assessment, initial management, referral and nursing care of women with high risk labour.
4. Assist in the conduction of abnormal vaginal deliveries and caesarean section.
5. Describe the assessment, initial management, referral and nursing care of women with abnormal postnatal conditions.
6. Demonstrate competency in the initial management of complications during the postnatal period.
7. Demonstrate competency in providing care for high risk newborn.
8. Apply nursing process in caring for high risk women and their families.
9. Describe the assessment and management of women with gynecological disorders.
10. Demonstrate skills in performing and assisting in specific gynecological procedures.
11. Describe the drugs used in obstetrics and gynecology.
12. Counsel and care for couples with infertility.
13. Describe artificial reproductive technology.

COURSE OUTLINE

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

Unit	Time (Hrs.)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	12 (T) 10 (L) 80 (C)	Describe the assessment, initial management, and referral of women with problems during pregnancy Support women with complicated pregnancy and facilitate safe and positive birthing outcome	Recognition and Management of problems during Pregnancy • Assessment of high-risk pregnancy Problems/Complications of Pregnancy • Hyper-emesis gravidarum, • Bleeding in early pregnancy – abortion, ectopic pregnancy, vesicular mole • Unintended or mistimed pregnancy • Post abortion care & counseling • Bleeding in late pregnancy placenta previa, abruption placenta, trauma • Medical conditions complicating pregnancy – Anemia, PIH/Pre-eclampsia, Eclampsia, GDM, cardiac disease, pulmonary disease, thyrotoxicosis, STDs, HIV, Rh incompatibility	• Lecture • Discussion • Demonstration • Video & films • Scan reports • Case discussion • Case presentation • Drug presentation • Health talk • Simulation • Role play • Supervised Clinical practice • WHO midwifery toolkit • GoI guideline – screening for hypothyroidism, screening for syphilis,	• Essay • Short answer • Objective type • Assessment of skills with check list • OSCE

Unit	Time (Hrs.)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			• Infections in pregnancy – urinary tract infection, bacterial, viral, protozoal, fungal, malaria in pregnancy • Surgical conditions complicating pregnancy – appendicitis, acute abdomen • COVID-19 & pregnancy and children • Hydramnios • Multiple pregnancy • Abnormalities of placenta and cord • Intra uterine growth restriction • Intra uterine fetal death • Gynaecological conditions complicating pregnancy • Mental health issues during pregnancy • Adolescent pregnancy • Elderly primi, grand multiparity • Management and care of conditions as per the GoI protocol • Policy for the referral services • Drugs used in management of high-risk pregnancies • Maintenance of records and reports	deworming during pregnancy, diagnosis and management of GDM	
II	20 (T) 15 (L) 80 (C)	Identify, provide initial management and refer women with problems during labour within the scope of midwifery practice.	Recognition and management of abnormal labour • Preterm labour – Prevention and management of preterm labour; (Use of antenatal corticosteroids in preterm labour) • Premature rupture of membranes • Malposition's and abnormal presentations (posterior position, breech, brow, face, shoulder) • Contracted Pelvis, Cephalo Pelvic Disproportion (CPD) • Disorders of uterine action – Prolonged labour, Precipitate labour, Dysfunctional labour • Complications of third stage – Retained placenta, Injuries to birth canal, Postpartum hemorrhage (bimanual compression of the uterus, aortic compression, uterine balloon tamponade) • Obstetric emergencies – Foetal distress, Ruptured uterus, Cord prolapse, Shoulder dystocia, Uterine inversion, Vasa previa, Obstetrical shock, Amniotic fluid embolism • Episiotomy and suturing • Obstetric procedures – Forceps delivery, Vacuum delivery, Version • Induction of labour – Medical & surgical	• Lecture • Discussion • Demonstration • Case discussion/ presentation • Simulation • Role play • Drug presentation • Supervised clinical practice • WHO midwifery toolkit • GoI guidelines – use of uterotonics during labour, antenatal corticosteroids • GoI guidance note on prevention and management of PPH	• Essay • Short answer • Objective type • Assessment of skills with check list • OSCE

Unit	Time (Hrs.)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			• Caesarean section – indications and preparation • Nursing management of women undergoing • Obstetric operations and procedures • Drugs used in management of abnormal labour • Anesthesia and analgesia in obstetrics		
III	9 (T) 5 (L) 40 (C)	Describe the assessment, initial management, referral and nursing care of women with abnormal postnatal conditions.	Recognition and Management of postnatal problems • Physical examination, identification of deviation from normal • Puerperal complications and its management ○ Puerperal pyrexia ○ Puerperal sepsis ○ Urinary complications ○ Secondary Postpartum hemorrhage ○ Vulval hematoma ○ Breast engorgement including mastitis/breast abscess, feeding problem ○ Thrombophlebitis ○ DVT ○ Uterine sub involution ○ Vesico vaginal fistula (VVF), Recto vaginal fistula (RVF) ○ Postpartum depression/psychosis • Drugs used in abnormal puerperium • Policy about referral	• Lecture • Demonstration • Case discussion/ presentation • Drug presentation • Supervised clinical practice	• Quiz • Simulation • Short answer • OSCE
IV	7 (T) 5 (L) 40 (C)	Describe high risk neonates and their nursing management	Assessment and management of High-risk newborn (Review) • Models of newborn care in India – NBCC; SNCUs • Screening of high-risk newborn • Protocols, levels of neonatal care, infection control • Prematurity, Post-maturity • Low birth weight • Kangaroo Mother Care • Birth asphyxia/Hypoxic encephalopathy • Neonatal sepsis • Hypothermia • Respiratory distress • Jaundice • Neonatal infections • High fever • Convulsions • Neonatal tetanus • Congenital anomalies • Baby of HIV positive mothers • Baby of Rh negative mothers • Birth injuries • SIDS (Sudden Infant Death Syndrome) prevention, Compassionate care	• Lecture • Discussion • Demonstration • Simulation • Case discussion/ presentation • Drug presentation • Supervised Clinical practice • Integrated Management of Neonatal Childhood Illnesses (IMNCI)	• Short answer • Objective type • Assessment of skills with check list • OSCE

Unit	Time (Hrs.)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
			• Calculation of fluid requirements, EBM/formula feeds/tube feeding • Home based newborn care program - community facility integration in newborn care • Decision making about management and referral • Bereavement counseling • Drugs used for high risk newborns • Maintenance of records and reports		
V	12 (T) 5 (L) 80 (C)	Describe the assessment and management of women with gynecological disorders.	Assessment and management of women with gynecological disorders • Gynecological assessment – History and Physical assessment • Breast Self-Examination • Congenital abnormalities of female reproductive system • Etiology, pathophysiology, clinical manifestations, diagnosis, treatment modalities and management of women with ○ Menstrual abnormalities ○ Abnormal uterine bleed ○ Pelvic inflammatory disease ○ Infections of the reproductive tract ○ Uterine displacement ○ Endometriosis ○ Uterine and cervical fibroids and polyps ○ Tumors – uterine, cervical, ovarian, vaginal, vulval ○ Cysts – ovarian, vulval ○ Cystocele, urethrocele, rectocele ○ Genitor-urinary fistulas ○ Breast disorders – infections, deformities, cysts, tumors ○ HPV vaccination ○ Disorders of Puberty and menopause ○ Hormonal replacement therapy • Assessment and management of couples with infertility ○ Infertility – definition, causes ○ Counseling the infertile couple ○ Investigations – male and female ○ Artificial reproductive technology ○ Surrogacy, sperm and ovum donation, cryopreservation • Adoption – counseling, procedures • Injuries and Trauma; Sexual violence • Drugs used in treatment of gynaecological disorders	• Lecture • Discussion • Demonstration • Case discussion/ presentation • Drug presentation • Videos, films • Simulated practice • Supervised Clinical practice • Visit to infertility clinic and ART centers	• Essay • Short answer • Objective type • Assessment of skills with check list • OSCE

Note: Complete safe delivery app during VII Semester.

PRACTICUM

SKILL LAB & CLINICAL ARE GIVEN UNDER OBG NURSING – I

LIST OF APPENDICES

1. Internal Assessment: Distribution of marks
2. Internal Assessment guidelines
3. University Theory paper Question pattern and Practical examination

APPENDIX 1

INTERNAL ASSESSMENT: Distribution of marks

I SEMESTER

S.No.	Name of the Course	Continuous Assessment	Sessional Exams – Theory/Practical	Total Internal Marks
	Theory			
1	Communicative English	10	15	25
2	Applied Anatomy & Applied Physiology	10	15	25
3	Applied Sociology & Applied Psychology	10	15	25
4	Nursing Foundation I	10	15	25
	Practical			
5	Nursing Foundation I	10	15	25

II SEMESTER

S.No.	Course	Continuous Assessment	Sessional Exams – Theory/Practical	Total Marks
	Theory			
1	Applied Biochemistry and Applied Nutrition & Dietetics	10	15	25
2	Nursing Foundation II including First Aid I & II	10	15	25 I & II = 25+25 = 50/2
3	Health/Nursing Informatics & Technology	10	15	25
	Practical			
4	Nursing Foundation II I & II	10	15	25 I & II = 25+25 = 50

III SEMESTER

S.No.	Course	Continuous Assessment	Sessional Exams – Theory/Practical	Total Marks
	Theory			
1	Applied Microbiology and Infection Control including Safety	10	15	25
2	Pharmacology I and Pathology I	10	15	25
3	Adult Health Nursing I with integrated pathophysiology including BCLS module	10	15	25
	Practical			
4	Adult Health Nursing I	20	30	50

IV SEMESTER

S.No.	Course	Continuous Assessment	Sessional Exams/ Practical	Total Marks
	Theory			
1	Pharmacology II & Pathology II I & II	10	15	25 I & II = 25+25 = 50/2
2	Adult Health Nursing II with integrated pathophysiology including Geriatric Nursing	10	15	25
3	Professionalism, Professional values & Ethics including bioethics	10	15	25
	Practical			
4	Adult Health Nursing II	20	30	50

V SEMESTER

S.No.	Course	Continuous Assessment	Sessional Theory/ Practical Exams	Total Marks
	Theory			
1	Child Health Nursing I	10	15	25
2	Mental Health Nursing I	10	15	25
3	Community Health Nursing I	10	15	25
4	Educational Technology/ Nursing education	10	15	25
5	Introduction to Forensic Nursing and Indian Laws	10	15	25
	Practical			
6	Child Health Nursing I	10	15	25
7	Mental Health Nursing I	10	15	25
8	Community Health Nursing I	20	30	50

VI SEMESTER

S.No.	Course	Continuous Assessment	Sessional Exams/ Practical	Total Marks
	Theory			
1	Child Health Nursing II I & II	10	15	25 I & II = 25+25 = 50/2
2	Mental Health Nursing II I & II	10	15	25 I & II = 25+25 = 50/2
3	Nursing Management and Leadership	10	15	25
4	Midwifery/Obstetrics and Gynecology I	10	15	25
	Practical			
5	Child Health Nursing II I & II	10	15	25 I & II = 25+25 = 50
6	Mental Health Nursing II I & II	10	15	25 I & II = 25+25 = 50
7	Midwifery/Obstetrics and Gynecology (OBG) Nursing I	10	15	25

VII SEMESTER

S.No.	Course	Continuous assessment	Sessional Exams/ Practical	Total Marks
	Theory			
1	Community Health Nursing II	10	15	25
2	Nursing Research & Statistics	10	15	25
3	Midwifery/Obstetrics and Gynecology (OBG) Nursing II I & II	10	15	25 I & II = 25+25 = 50/2
	Practical			
4	Community Health Nursing II	20	30	50
5	Midwifery/Obstetrics and Gynecology (OBG) Nursing II I & II	10	15	25 I & II = 25+25 = 50

VIII SEMESTER (Internship)

S.No.	Course	Continuous performance evaluation	OSCE	Total Marks
1	Competency assessment – 5 specialties × 20 marks	Each specialty – 10 5×10 = 50 marks	Each specialty – 10 5×10 = 50 marks	100

APPENDIX 2

INTERNAL ASSESSMENT GUIDELINES

THEORY

I. CONTINUOUS ASSESSMENT: 10 marks

1. Attendance – 2 marks (95-100%: 2 marks, 90-94: 1.5 marks, 85-89: 1 mark, 80-84: 0.5 mark, <80: 0)
2. Written assignments (Two) – 10 marks
3. Seminar/microteaching/individual presentation (Two) – 12 marks
4. Group project/work/report – 6 marks

Total = $30/3 = 10$

If there is mandatory module in that semester, marks obtained by student out of 10 can be added to 30 totaling 40 marks

Total = $40/4 = 10$ marks

II. SESSIONAL EXAMINATIONS: 15 marks

Two sessional exams per course

Exam pattern:

MCQ – $4 \times 1 = 4$

Essay – $1 \times 10 = 10$

Short – $2 \times 5 = 10$

Very Short – $3 \times 2 = 6$

30 marks $\times 2 = 60/4 = 15$

PRACTICAL

I. CONTINUOUS ASSESSMENT: 10 marks

1. Attendance – 2 marks (95-100%: 2 marks, 90-94: 1.5 marks, 85-89: 1 mark, 80-84: 0.5 mark, <80: 0)
2. Clinical assignments – 10 marks
(Clinical presentation – 3, drug presentation & report – 2, case study report – 5)
3. Continuous evaluation of clinical performance – 10 marks
4. End of posting OSCE – 5 marks
5. Completion of procedures and clinical requirements – 3 marks

Total = $30/3 = 10$

II. SESSIONAL EXAMINATIONS: 15 marks

Exam pattern:

OSCE – 10 marks (2-3 hours)

DOP – 20 marks (4-5 hours)

{DOP – Directly observed practical in the clinical setting}

Total = $30/2 = 15$

Note: For Adult Health Nursing I, Adult Health Nursing II, Community Health Nursing I & Community Health Nursing II, the marks can be calculated as per weightage. Double the weightage as 20 marks for continuous assessment and 30 for sessional exams.

COMPETENCY ASSESSMENT: (VIII SEMESTER)

Internal assessment

Clinical performance evaluation – 10×5 specialty = 50 marks

OSCE = 10×5 specialty = 50 marks

Total = 5 specialty $\times 20$ marks = 100

APPENDIX 3

I. UNIVERSITY THEORY QUESTION PAPER PATTERN (For 75 marks)

1. Section A – 37 marks and Section B – 38 marks

- Applied Anatomy & Applied Physiology:** Applied Anatomy – Section A and Applied Physiology – Section B,
- Applied Sociology & Applied Psychology:** Applied Sociology – Section A and Applied Psychology – Section B
- Applied Microbiology & Infection Control including Safety:** Applied Microbiology – Section A and Infection Control including Safety – Section B

Section A (37 marks)

MCQ – $6 \times 1 = 6$

Essay – $1 \times 10 = 10$

Short – $3 \times 5 = 15$

Very Short – $3 \times 2 = 6$

Section B (38 marks)

MCQ – $7 \times 1 = 7$

Essay – $1 \times 10 = 10$

Short – $3 \times 5 = 15$

Very Short – $3 \times 2 = 6$

2. Section A – 25 marks and Section B – 50 marks

Applied Biochemistry & Nutrition & Dietetics: Applied Biochemistry – Section A and Applied Nutrition & Dietetics – Section B

Section A (25 marks)

MCQ – $4 \times 1 = 4$

Short – $3 \times 5 = 15$

Very Short – $3 \times 2 = 6$

Section B (50 marks)

MCQ – $8 \times 1 = 8$

Essay/situation type – $1 \times 10 = 10$

Short – $4 \times 5 = 20$

Very Short – $6 \times 2 = 12$

3. Section A – 38 marks, Section B – 25 marks and Section C – 12 marks

Pharmacology, Pathology and Genetics: Pharmacology – Section A, Pathology – Section B and Genetics – Section C

Section A (38 marks)

MCQ – $7 \times 1 = 7$

Essay – $1 \times 10 = 10$

Short – $3 \times 5 = 15$

Very Short – $3 \times 2 = 6$

Section B (25 marks)

MCQ – $4 \times 1 = 4$

Short – $3 \times 5 = 15$

Very Short – $3 \times 2 = 6$

Section C (12 marks)

MCQ – $3 \times 1 = 3$

Short – $1 \times 5 = 5$

Very Short – $2 \times 2 = 4$

4. Section A – 55 marks and Section B – 20 marks

Research and Statistics: Research – Section A and Statistics – Section B

Section A (55 marks)

MCQ – $9 \times 1 = 9$

Essay/situation type – $2 \times 15 = 30$

Short – $2 \times 5 = 10$

Very Short – $3 \times 2 = 6$

Section B (20 marks)

MCQ – $4 \times 1 = 4$

Short – $2 \times 5 = 10$

Very Short – $3 \times 2 = 6$

5. Marks 75 (For all other university exams with 75 marks)

MCQ – $12 \times 1 = 12$

Essay/situation type – $2 \times 15 = 30$

Short – $5 \times 5 = 25$

Very Short – $4 \times 2 = 8$

6. College Exam (End of Semester) – 50 marks ($50/2 = 25$ marks)

MCQ – $8 \times 1 = 8$

Essay/situation type – $1 \times 10 = 10$

Short – $4 \times 5 = 20$

Very Short – $6 \times 2 = 12$

II. UNIVERSITY PRACTICAL EXAMINATION – 50 marks

OSCE – 15 marks

DOP – 35 marks

III. COMPETENCY ASSESSMENT – University Exam (VIII SEMESTER)

Integrated OSCE including all 5 specialties (Stations based on every specialty) = 5 specialty $5 \times 20 = 100$ marks

Total of 5 Examiners: external – 2 and internal – 3 (One from each specialty)

Internal examiners may be chosen from college faculty with required qualification or from hospital with required qualification.

**Clinical Logbook for B.Sc. Nursing Program
(Procedural Competencies/Skills)**

I & II SEMESTER

S.No.	Procedural Competencies/Skills	Performs independently	Assists/ Observes procedures A/O	DATE		Signature of the Tutor/Faculty
				Skill Lab/ Simulation Lab	Clinical Area	
I SEMESTER						
I	Communication and Documentation					
1	Maintaining Communication and interpersonal relationship with patient and families					
2	Verbal Report					
3	Recording/Documentation of patient care (Written Report)					
II	Monitoring Vital Signs					
	Temperature					
4	Oral					
5	Axillary					
6	Rectal					
7	Tympanic					
	Pulse					
8	Radial					
9	Apical					
10	Respiration					
11	Blood Pressure					
III	Hot & Cold Application					
12	Cold Compress					
13	Hot Compress					
14	Ice Cap					
15	Tepid sponge					
IV	Health Assessment (Basic – First year level)					
16	Health History					
17	Physical Assessment – General & system wise					
18	Documentation of findings					
V	Infection Control in Clinical Settings					
19	Hand hygiene (Hand washing & Hand rub)					
20	Use of personal and protective equipment					
VI	Comfort					
21	Open Bed					

S.No.	Procedural Competencies/Skills	Performs independently	Assists/ Observes procedures A/O	DATE		Signature of the Tutor/Faculty
				Skill Lab/ Simulation Lab	Clinical Area	
22	Occupied Bed					
23	Post-operative Bed					
24	Supine Position					
25	Fowler's Position					
26	Lateral Position					
27	Prone Position					
28	Semi Prone Position					
29	Trendelenburg Position					
30	Lithotomy Position					
31	Changing Position of helpless patient (Moving/Turning/ Logrolling)					
32	Cardiac table/Over-bed table					
33	Back Rest					
34	Bed Cradle					
35	Pain Assessment (Initial & Reassessment)					
VII Safety						
36	Side rail					
37	Restraint (Physical)					
38	Fall risk assessment & post fall assessment					
VIII Admission & Discharge						
39	Admission					
40	Discharge					
41	Transfer (within hospital)					
IX Mobility						
42	Ambulation					
43	Transferring patient from & to bed & wheelchair					
44	Transferring patient from & to bed & stretcher					
45	Range of Motion Exercises (ROM)					
X Patient Education						
46	Individual Patient Teaching					
II SEMESTER						
XI Hygiene						
47	Sponge bath/Bed bath					
48	Pressure Injury Assessment					
49	Skin care and care of pressure points					

S.No.	Procedural Competencies/Skills	Performs independently	Assists/ Observes procedures A/O	DATE		Signature of the Tutor/Faculty
				Skill Lab/ Simulation Lab	Clinical Area	
50	Oral hygiene					
51	Hair wash					
52	Pediculosis treatment					
53	Perineal Care/Meatal care					
54	Urinary Catheter care					
XII Nursing Process-Basic level						
55	Assessment and formulating nursing diagnosis					
56	Planning the nursing Care					
57	Implementation of Care					
58	Evaluation of Care (Reassessment & Modification)					
XIII Nutrition & Fluid Balance						
59	24 Hours Dietary Recall					
60	Planning Well balanced diet					
61	Making fluid plan					
62	Preparation of nasogastric tube feed					
63	Nasogastric tube feeding					
64	Maintaining intake & output chart					
65	Intra Venous Infusion Plan					
XIV Elimination						
66	Providing Bedpan					
67	Providing Urinal					
68	Enema					
69	Bowel Wash					
XV Diagnostic Tests-Specimen collection						
70	Urine Specimen for Routine Analysis					
71	Urine Specimen for Culture					
72	Timed urine specimen collection					
73	Feces specimen for routine					
74	Sputum Culture					
	Urine Testing					
75	Ketone					
76	Albumin					
77	Reaction					
78	Specific Gravity					

S.No.	Procedural Competencies/Skills	Performs independently	Assists/ Observes procedures A/O	DATE		Signature of the Tutor/Faculty
				Skill Lab/ Simulation Lab	Clinical Area	
XVI	Oxygenation Needs/Promoting Respiration					
79	Deep Breathing & Coughing Exercises					
80	Steam inhalation					
81	Oxygen administration using face mask					
82	Oxygen administration using nasal prongs					
XVII	Medication Administration					
83	Oral Medications					
84	Intramuscular					
85	Subcutaneous					
86	Rectal Suppositories					
XVIII	Death and Dying					
87	Death care/Last Office					
XIX	First Aid and Emergencies					
	Bandages & Binders					
88	Circular					
89	Spiral					
90	Reverse Spiral					
91	Recurrent					
92	Spica					
93	Figure of eight					
94	Eye					
95	Ear					
96	Caplin					
97	Jaw					
98	Arm Sling					
99	Abdominal Binder					

100	Basic CPR (first aid module)					

III & IV SEMESTER

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
III SEMESTER						
I	MEDICAL					
	Intravenous therapy					
1	IV cannulation					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
2	IV maintenance & monitoring					
3	Administration of IV medication					
4	Care of patient with Central Line					
<i>Preparation, assisting, and after care of patients undergoing diagnostic procedures</i>						
5	Thoracentesis					
6	Abdominal paracentesis					
<i>Respiratory therapies and monitoring</i>						
7	Administration of oxygen using venturi mask					
8	Nebulization					
9	Chest physiotherapy					
10	Postural drainage					
11	Oropharyngeal suctioning					
12	Care of patient with chest drainage					
<i>Planning therapeutic diet</i>						
13	High protein diet					
14	Diabetic diet					

15	Performing and monitoring GRBS					
16	Insulin administration					
II SURGICAL						
17	Pre-Operative care					
18	Immediate Post-operative care					
19	Post-operative exercise					
20	Pain assessment and management					
<i>Assisting diagnostic procedures and after care of patients undergoing</i>						
21	Colonoscopy					
22	ERCP					
23	Endoscopy					
24	Liver Biopsy					

25	Nasogastric aspiration					
26	Gastrostomy/Jejunostomy feeds					
27	Ileostomy/Colostomy care					
28	Surgical dressing					
29	Suture removal					
30	Surgical soak					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
31	Sitz bath					
32	Care of drain					
III CARDIOLOGY						
33	Cardiac monitoring					
34	Recording and interpreting ECG					
35	Arterial blood gas analysis – interpretation					
36	Administration of cardiac drugs					
37	Preparation and after care of patients undergoing cardiac Catheterization					
38	Performing BCLS					
	<i>Collection of blood sample for</i>					
39	Blood grouping/cross matching					
40	Blood sugar					
41	Serum electrolytes					

42	Assisting with blood transfusion					
43	Assisting for bone marrow aspiration					
44	Application of antiembolism stockings (TED hose)					
45	Application/maintenance of sequential Compression Device					
IV DERMATOLOGY						
46	Application of topical medication					
47	Intradermal injection-Skin allergy testing					
48	Medicated bath					
V COMMUNICABLE						
49	Intradermal injection-BCG and Tuberculin skin Test or Mantoux test					
50	Barrier nursing & Reverse barrier nursing					
51	Standard precautions-Hand hygiene, use of PPE, needle stick and sharp injury prevention, Cleaning and disinfection, Respiratory hygiene, waste disposal and safe injection practices					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
VI	MUSCULOSKELETAL					
52	Preparation of patient with Myelogram/CT/MRI					
53	Assisting with application & removal of POP/Cast					
54	Preparation, assisting and after care of patient with Skin traction/skeletal traction					
55	Care of orthotics					
56	Muscle strengthening exercises					
57	Crutch walking					
58	Rehabilitation					
VII	OR					
59	Position and draping					
60	Preparation of operation table					
61	Set up of trolley with instrument					
62	Assisting in major and minor operation					
63	Disinfection and sterilization of equipment					
64	Scrubbing procedures – Gowning, masking and gloving					
65	Intra operative monitoring					
IV SEMESTER						
I	ENT					
1	History taking and examination of ear, nose & throat					
2	Application of bandages to Ear & Nose					
3	Tracheostomy care					
	<i>Preparation of patient, assisting and monitoring of patients undergoing diagnostic procedures</i>					
4	Auditory screening tests					
5	Audiometric tests					

6	Preparing and assisting in special procedures like Anterior/posterior nasal packing, Ear Packing and Syringing					
7	Preparation and after care of patients undergoing ENT surgical procedures					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
8	Instillation of ear/nasal medication					
II EYE						
9	History taking and examination of eyes and interpretation					
	<i>Assisting procedures</i>					
10	Visual acuity					
11	Fundoscopy/retinoscopy/ ophthalmoscopy/tonometry					
12	Refraction tests					

13	Pre and postoperative care of patient undergoing eye surgery					
14	Instillation of eye drops/medication					
15	Eye irrigation					
16	Application of eye bandage					
17	Assisting with foreign body removal					
III NEPHROLOGY & UROLOGY						
18	Assessment of kidney and urinary system • History taking and physical examination • Assisting with testicular self-examination • Digital rectal exam					
	<i>Preparation and assisting with diagnostic and therapeutic procedures</i>					
19	Cystoscopy, Cystometrogram					
20	Contrast studies – IVP					
21	Peritoneal dialysis					
22	Hemodialysis					
23	Lithotripsy					
24	Renal/Prostate Biopsy					
25	Specific tests – • Semen analysis • Gonorrhea test					

26	Urinary Catheterization & Care					
27	Bladder irrigation					
28	Intake and output recording and monitoring					
29	Ambulation and exercise					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
IV	BURNS & RECONSTRUCTIVE SURGERY					
30	Assessment of burns wound					
31	First aid of burns					
32	Fluid & electrolyte replacement therapy					
33	Skin care					
34	Care of Burn wounds o Bathing o Dressing					
35	Pre-operative and post-operative care of patient with burns					
36	Caring of skin graft and post cosmetic surgery					
37	Rehabilitation					
V	NEUROLOGY					
38	Neurological Examination – ex. Use of Glasgow coma scale					
39	Continuous monitoring					
40	Preparation and assisting for various invasive and non-invasive diagnostic procedures					
41	Care of patient undergoing neurosurgery including rehabilitation					
VI	IMMUNOLOGY					
42	History taking and Physical examination					
43	Immunological status assessment and interpretation of specific test (e.g. HIV)					
44	Care of patient with low immunity					
VII	ONCOLOGY					
45	History taking & physical examination of cancer patients					
46	Screening for common cancers – ex. TNM classification					
Preparation, assisting and after care patients undergoing diagnostic procedures						
47	Biopsies/FNAC					
48	Bone-marrow aspiration					
Preparation of patients and assisting with various modalities of treatment						
49	Chemotherapy					
50	Radiotherapy					
51	Hormonal therapy/ Immunotherapy					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
52	Gene therapy/any other					
53	PET scan/Bone scan					
54	Rehabilitation					
VIII	EMERGENCY					
55	Practicing 'triage'					
56	Primary and secondary survey in emergency					
57	Examination, investigations & their interpretations, in emergency & disaster situations					
58	Emergency care of medical and traumatic injury patients					
59	Documentation, and assisting in legal procedures in emergency unit					
60	Managing crowd					
61	Counseling the patient and family in dealing with grieving & bereavement					
IX	CRITICAL CARE					
62	Assessment of critically ill patients					
63	Assisting with arterial puncture					
64	Assisting with ET tube intubation & extubation					
65	ABG analysis and interpretation – respiratory acidosis, respiratory alkalosis, metabolic acidosis, metabolic alkalosis					
66	Setting up of ventilator modes and settings and care of patient on ventilator					
67	Setting up of trolley with instruments/critical care equipment					
68	Monitoring and maintenance of Chest drainage system					
69	Bag and mask ventilation					
70	Assisting with starting and maintenance of Central and peripheral lines invasive					
71	Setting up of infusion pump, and defibrillator					
72	Administration of drugs via infusion, intracardiac, intrathecal, epidural					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
73	Monitoring and maintenance of pacemaker					
74	ICU care bundle					
75	Management of the dying patient in the ICU					
X	Geriatric					
76	History taking and Assessment of Geriatric patient					
77	Geriatric counseling					
78	Comprehensive Health assessment (adult) after module completion					
V & VI SEMESTER – CHILD HEALTH NURSING I & II						
I	PEDIATRIC MEDICAL & SURGICAL					
	<i>Health assessment – Taking history & Physical examination and nutritional assessment of</i>					
1	Neonate					
2	Infant					
3	Toddler					
4	Preschooler					
5	Schooler					
6	Adolescent					
	<i>Administration of medication/fluids – Calculation, preparation and administration of medication</i>					
7	Oral					
8	I/M					
9	I/V					
10	Intradermal					
11	Subcutaneous					

12	Calculation of fluid requirements					
13	Preparation of different strengths of I/V fluids					
14	Administration of IV fluids					
15	Application of restraints					
	<i>Administration of O₂ inhalation by different methods</i>					
16	Nasal Catheter/Nasal Prong					
17	Mask					
18	Oxygen hood					

19	Baby bath/sponge bath					
20	Feeding children by Katori & spoon/paladai, cup					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
	Collection of specimens for common investigations					
21	Urine					
22	Stool					
23	Blood					

24	Assisting with common diagnostic procedures (Lumbar puncture, bone marrow aspiration)					
	Health education to mothers/parents – Topics					
25	Prevention and management of Malnutrition					
26	Prevention and management of diarrhea (Oral rehydration therapy)					

27	Feeding & Complementary feeding					
28	Immunization schedule					
29	Play therapy					
30	Conduct individual and group play therapy sessions					
31	Prevention of accidents					
32	Bowel wash					
33	Administration of suppositories					
	Care for ostomies:					
34	Colostomy Irrigation					
35	Ureterostomy					
36	Gastrostomy					
37	Enterostomy					

38	Urinary catheterization & drainage					
	Feeding					
39	Naso-gastric					
40	Gastrostomy					
41	Jejunostomy					
	Care of surgical wounds					
42	Dressing					
43	Suture removal					
II	PEDIATRIC OPD/IMMUNIZATION ROOM					
	Growth and Developmental assessment of children					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
44	Infant					
45	Toddler					
46	Preschooler					
47	Schooler					
48	Adolescent					

49	Administration of vaccination					
50	Health/Nutritional education					
III	NICCU/PICU					
51	Assessment of newborn					
52	Care of preterm/LBW newborn					
53	Kangaroo care					
54	Neonatal resuscitation					
55	Assisting in neonatal diagnostic procedures					
56	Feeding of high risk newborn – EBM (spoon/paladai)					
57	Insertion/removal/feeding – Naso/oro-gastric tube					
58	Administration of medication – oral/parenteral					
59	Neonatal drug calculation					
60	Assisting in exchange transfusion					
61	Organizing different levels of neonatal care					
62	Care of a child on ventilator/ CPAP					
63	Endotracheal Suction					
64	Chest Physiotherapy					
65	Administration of fluids with infusion pumps					
66	Total Parenteral Nutrition					
67	Recording & reporting					
68	Cardiopulmonary Resuscitation – PLS					
V & VI SEMESTER – MENTAL HEALTH NURSING I & II						
	PSCHIATRY OPD					
1	History taking					
2	Mental status examination (MSE)					
3	Psychometric assessment (Observe/practice)					
4	Neurological examination					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
5	Observing & assisting in therapies					
	<i>Individual and group psycho education</i>					
6	Mental hygiene practice education					
7	Family psycho-education					
	CHILD GUIDANCE CLINIC					
8	History Taking & mental status examination					
9	Psychometric assessment (Observe/practice)					
10	Observing and assisting in various therapies					
11	Parental teaching for child with mental deficiency					
	IN-PATIENT WARD					
12	History taking					
13	Mental status examination (MSE)					
14	Neurological examination					
15	Assisting in psychometric assessment					
16	Recording therapeutic communication					
17	Administration of medications					
18	Assisting in Electro-convulsive Therapy (ECT)					
19	Participation in all therapies					
20	Preparation of patients for Activities of Daily living (ADL)					
21	Conducting admission and discharge counseling					
22	Counseling and teaching patients and families					
	COMMUNITY PSYCHIATRY & DEADDICTION CENTRE					
23	Conducting home visit and case work					
24	Identification of individuals with mental health problems					
25	Assisting in organizations of Mental Health camp					
26	Conducting awareness meetings for mental health & mental illness					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
27	Counseling and Teaching family members, patients and community					
28	Observation of deaddiction care					
V SEMESTER – COMMUNITY HEALTH NURSING I INCLUDING ENVIRONMENTAL SCIENCE & EPIDEMIOLOGY						
1	Interviewing skills (using communication and interpersonal skills)					
2	Conducting community needs assessment/survey					
3	Observation skills					
4	Nutritional assessment skills					
5	Teaching individuals and families on nutrition-food hygiene and safety, healthy lifestyle and health promotion					
6	BCC (Behaviour change communication) skills					
7	Health assessment including nutritional assessment-different age groups • Children under five • Adolescent • Woman					
8	Investigating an epidemic – Community health survey					
9	Performing lab tests – Hemoglobin, blood sugar, blood smear for malaria, etc.					
10	Screening, diagnosis and primary management of common health problems in the community and referral of high-risk clients (Communicable & NCD)					
11	Documentation skills					
12	Home visit					
13	Participation in national health programs					
14	Participation in school health programs					
V SEMESTER – EDUCATIONAL TECHNOLOGY/NURSING EDUCATION						
1	Writing learning outcomes					
2	Preparation of lesson plan					
3	Practice Teaching/ Microteaching					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
4	Preparation of teaching aids/ media					
	<i>Preparation of assessment tools</i>					
5	Construction of MCQ tests					
6	Preparation of observation checklist					
VI SEMESTER – NURSING MANAGEMENT & LEADERSHIP						
	Hospital and Nursing Service Department					
1	Preparation of organogram (hospital/nursing department)					
2	Calculation of staffing requirements for a nursing unit/ward					
3	Formulation of Job description of nursing officer (staff nurse)					
4	Preparation of Patient assignment plan					
5	Preparation of duty roster for staff/students at different levels					
6	Preparation of logbook/MMF for specific equipment/ materials					
7	Participation in Inventory control and daily record keeping					
8	Preparation and maintenance of records & reports such as incident reports/adverse reports/audit reports					
9	Participation in performance appraisal/evaluation of nursing staff					
10	Participate in conducting in-service education for the staff					
	College & Hostel					
11	Preparation of organogram of college					
12	Formulation of job description for tutor					
13	Participation in performance appraisal of tutor					
14	Preparation of Master plan, time-table and clinical rotation					
15	Preparation of student anecdotes					
16	Participation in clinical evaluation of students					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
17	Participation in planning and conducting practical examination OSCE – end of posting					
VI & VII SEMESTER – MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING I & II						
I	ANTENATAL CARE					
	Health assessment of antenatal woman					
1	History Taking including obstetrical score, Calculation of EDD, gestational age					
2	Physical examination: head to foot					
3	Obstetrical examination including Leopards maneuvers & auscultation of Fetal heart sound (fetoscope/stethoscope/ Doppler)					
	Diagnostic tests					
4	Urine pregnancy test/card test					
5	Estimation of hemoglobin using Sahle's hemoglobinometer					
6	Advice/assist in HIV/HBsAg/ VDRL testing					
7	Preparation of peripheral smear for malaria					
8	Urine testing for albumin and sugar					
9	Preparation of mother for USG					
10	Kick chart/DFMC (Daily Fetal and Maternal Chart)					
11	Preparation and recording of CTG/NST					

12	Antenatal counseling for each trimester including birth preparedness and complication readiness					
13	Childbirth preparation classes for couples/family					
14	Administration of Td/TT					
15	Prescription of iron & folic acid and calcium tablets					
II	INTRANATAL CARE					
16	Identification and assessment of woman in labour					
17	Admission of woman in labour					
18	Performing/assisting CTG					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
19	Vaginal examination during labour including Clinical pelvimetry					
20	Plotting and interpretation of partograph					
21	Preparation for birthing/delivery – physical and psychological					
22	Setting up of the birthing room/delivery unit and newborn corner/care area					
23	Pain management during labour-non-pharmacological					
24	Supporting normal births/conduct normal childbirth in upright positions/evidence based					
25	Essential newborn care					
26	Basic newborn resuscitation					
27	Management of third stage of labour – Physiologic management/active management (AMTSL)					
28	Examination of placenta					
29	Care during fourth stage of labour					
30	Initiation of breast feeding and lactation management					
31	Infection prevention during labour and newborn care					
III	POSTNATAL CARE					
32	Postnatal assessment and care					
33	Perineal/episiotomy care					
34	Breast care					
35	Postnatal counseling-diet, exercise & breast feeding					
36	Preparation for discharge					
IV	NEWBORN CARE					
37	Assessment of newborn					
38	Weighing of newborn					
39	Administration of Vitamin K					
40	Neonatal immunization – Administration of BCG, Hepatitis B vaccine					
41	Identification of minor disorders of newborn and their management					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
V	CARE OF WOMEN WITH ANTENATAL, INTRANATAL & POSTNATAL COMPLICATIONS					
42	High risk assessment – identification of antenatal complications such as pre-eclampsia, anemia, GDM, Antepartum hemorrhage etc.					
43	Post abortion care & counseling					
44	Glucose challenge test/Glucose Tolerance test					
45	Identification of fetal distress and its management					
46	Administration of MgSo4					
47	Administration of antenatal corticosteroids for preterm labour					
48	Assisting with Medical induction of labour					
49	Assist in Surgical induction – stripping and artificial rupture of membranes					
50	Episiotomy (only if required) and repair					
51	Preparation for emergency/ elective caesarean section					
52	Assisting in caesarean section					
53	Preparation of mother and assist in vacuum delivery					
54	Identification and assisting in management of malpresentation and malposition during labour					
55	Preparation and assisting in low forceps operation					
56	Preparation and assisting in emergency obstetric surgeries					
57	Prescription/administration of fluids and electrolytes through intravenous route					
Assisting in procedures						
58	Assisting in Manual removal of the placenta					
59	Assisting in Bimanual compression of uterus/Balloon tamponade for atonic uterus					
60	Assisting in Aortic compression for PPH					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
61	Identification and first aid management of PPH & obstetric shock					
62	Assisting in management of obstetric shock					
63	Identification and assisting in management of puerperal sepsis and administration of antibiotics					
64	Management of breast engorgement and infections					
65	Management of thrombophlebitis					
HIGH RISK NEWBORN (Some aspects of high risk newborn care are included in Child Health Nursing)						
66	Identification of high-risk newborn					
67	Care of neonate under radiant warmer					
68	Care of neonate on phototherapy					
69	Referral and transportation of high risk newborn					
70	Parental counselling – sick neonate and neonatal loss					
FAMILY WELFARE						
71	Postpartum Family planning counseling					
72	Postpartum family planning – Insertion and removal of PPIUCD/PAIUCD					
73	Counselling of the woman for Postpartum sterilization					
74	Preparation and assisting in tubectomy					
OTHER PROCEDURES						
75	Preparation and assisting for D&C/D&E operations					
76	Observation/Assisting in Manual Vacuum Aspiration					
77	Assessment of women with gynaecological disorders					
78	Assisting/performing Pap smear					
79	Performing Visual inspection of cervix with acetic acid					
80	Assisting/observation of cervical punch biopsy/ Cystoscopy/Cryosurgery					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
81	Assisting in gynecological surgeries					
82	Postoperative care of woman with gynecological surgeries					
83	Counsel on Breast self-examination					
84	Counseling couples with infertility					
85	Completion of safe delivery app with certification					
VII SEMESTER – COMMUNITY HEALTH NURSING II						
1	Screening, diagnosing, management and referral of clients with common conditions/emergencies					
2	Antenatal and postnatal care at home and health centre					
3	Conduction of normal childbirth & newborn care at health centre					
4	Tracking every pregnancy and filling up MCP card					
5	Maintenance of records/ registers/reports					
6	Adolescent counseling & participation in youth friendly services					
7	Counseling for safe abortion services					
8	Family planning counseling					
9	Distribution of temporary contraceptives – condoms, OCP's, emergency contraceptives, Injectable MPA					
10	Insertion of interval IUCD					
11	Removal of IUCD					
12	Participation in conducting vasectomy/tubectomy camp					
13	Screening, diagnosis, primary management and referral of clients with occupational health problems					
14	Health assessment of elderly					
15	Mental Health screening					
16	Participation in community diagnosis – data management					
17	Writing health centre activity report					

S.No.	Specific Procedural Competencies/Skills	Performs independently	Assists/ Observes Procedures A/O	DATE		Signature of the Tutor/ Faculty
				Skill Lab/Simulation Lab	Clinical Area	
18	Participation in organizing and conducting clinic/health camp					
19	Participation in disaster mock drills					
20	Co-ordinating with ASHAs and other community health workers					
VII SEMESTER – NURSING RESEARCH & STATISTICS						
	<i>Research Process Exercise</i>					
1	Statement of the problem					
2	Formulation of Objectives & Hypotheses					
3	Literature review of research report/article					
4	Annotated bibliography					
5	Preparation of sample research tool					
	<i>Analysis & Interpretation of data – Descriptive statistics</i>					
6	Organization of data					
7	Tabulation of data					
8	Graphic representation of data					
9	Tabular presentation of data					
10	Research Project (Group/Individual) Title:					
VIII SEMESTER (INTERNSHIP)						

***** Denotes separation lines before the next procedural competency.

Note: Maximum of 30% of all skills/procedures can be performed by students in skill lab/simulation lab for all clinical nursing Courses except Community Health Nursing and Mental Health Nursing in which the percentage allowed is only 10%

* – When the student is found competent to perform the skill, it will be signed by the faculty/tutor.

Students: Students are expected to perform the listed skills/competencies many times until they reach level 3 competency, after which the preceptor signs against each competency.

Preceptors/faculty: Must ensure that the signature is given for each competency only after they reach level 3.

- Level 3 competency denotes that the student is able to perform that competency without supervision
- Level 2 Competency denotes that the student is able to perform each competency with supervision
- Level 1 competency denotes that the student is not able to perform that competency/skill even with supervision

Signature of the Faculty Coordinator

Signature of the HOD/Principal

CLINICAL REQUIREMENTS

S.No.	Clinical Requirement	Date	Signature of the Faculty
I & II SEMESTER			
NURSING FOUNDATION I & II			
1	History Taking – 2 1. 2.		
2	Physical Examination – 2 1. 2.		
3	Fall risk assessment – 2 1. 2.		
4	Pressure Sore Assessment – 2 1. 2.		
5	Nursing Process – 2 1. 2.		
6	Completion of first aid module		
7	Completion of Health assessment module		
III SEMESTER – ADULT HEALTH NURSING I			
Medical			
1	Care Study – 1		
2	Health education – 1		
3	Clinical presentation/care note – 1		
Surgical			
4	Care study – 1		
5	Health education – 1		
6	Clinical Presentation/Care note – 1		
Cardiac			
7	Cardiac assessment – 1		
8	Drug presentation – 1		
Communicable			
9	Clinical presentation/Care note – 1		
Musculoskeletal			
10	Clinical presentation/Care note – 1		
OR			
11	Assist as circulatory nurse – 5 i. ii. iii. iv. v.		
12	Assist as scrub nurse in minor surgeries – 5 i. ii.		

S.No.	Clinical Requirement	Date	Signature of the Faculty
	iii. iv. v.		
13	Positioning & draping – 5 i. ii. iii. iv. v.		
14	Assist as scrub nurse in major surgeries – 5 i. ii. iii. iv. v.		
15	Completion of BCLS module		
IV SEMESTER – ADULT HEALTH NURSING II			
	ENT		
1	ENT assessment of an adult – 2 i. ii.		
2	Observation and activity report of OPD		
3	Clinical presentation – 1		
4	Drug Book		
	EYE		
5	Eye assessment i. Adult – 1 ii. Geriatric – 1		
6	Patient-teaching – 1		
7	Clinical Presentation– 1		
	NEPHROLOGY & UROLOGY		
8	Assessment of adult – 1 Assessment of Geriatric – 1		
9	Drug presentation – 1		
10	Care study/Clinical presentation – 1		
	BURNS AND RECONSTRUCTIVE SURGERY		
11	Burn wound assessment – 1		
12	Clinical presentation – 1		
13	Observation report of Burns unit		
14	Observe cosmetic/reconstructive procedures		
	NEUROLOGY		
15	Neuro-assessment –2 i. ii.		
16	Unconscious patient – 1		
17	Care study/case presentation – 1		

S.No.	Clinical Requirement	Date	Signature of the Faculty
18	Drug presentation – 1		
	IMMUNOLOGY		
19	Assessment of immune status		
20	Teaching of isolation to patient and family care givers		
21	Nutritional management		
22	Care Note – 1		
	ONCOLOGY		
23	Observation report of cancer unit		
24	Assessment of each system cancer patients – 2		
25	Care study/clinical presentation – 1		
26	Pre and post-operative care of patient with various modes of cancer treatment such as chemotherapy, radiation therapy, surgery, BMT, etc. – 3(at least) i. ii. ii.		
27	Teaching on BSE to family members		
	EMERGENCY		
28	Primary assessment of adult– 1		
29	Immediate care (IV access establishment, assisting in intubation, suction, etc.)		
30	Use of emergency trolley		
	CRITICAL CARE		
31	Assessment of critically ill i. Adult ii. Geriatric		
32	Care note/Clinical presentation – 1		
	GERIATRIC		
33	Geriatric assessment – 1		
34	Care note/clinical presentation – 1		
35	Fall risk assessment 1		
36	Functional status assessment – 1		
37	Completion of Fundamentals of Prescribing module		
38	Completion of Palliative care module		
V & VI SEMESTER – CHILD HEALTH NURSING I & II			
	Pediatric medical		
1	Nursing care plan – 1		
2	Case presentation – 1		
3	Health talk – 1		
	Surgical		
4	Nursing care plan – 1		
5	Case study/presentation – 1		

S.No.	Clinical Requirement	Date	Signature of the Faculty
	OPD/Immunization Room		
6	Growth and Developmental study: i. Infant – 1 ii. Toddler – 1 iii. Preschooler – 1		
	NICCU/PICU		
7	Newborn assessment – 1		
8	Nursing Care Plan – 1		
9	Kangaroo mother care – 2		
10	Nursing care plan of high risk newborn – 1		
11	Completion of ENBC module		
12	Completion of FNBC module		
13	Completion of IMNCI module		
14	Completion of PLS module		
V & VI SEMESTER – MENTAL HEALTH NURSING I & II			
	Psychiatry OPD		
1	History taking and Mental status examination – 2 i. ii.		
2	Health education – 1		
3	Observation report of OPD		
	Child guidance clinic		
4	Case work – 1		
	Inpatient Ward		
5	Case study – 1		
6	Care plan – 2		
7	Clinical presentation 1		
8	Process recording 2		
9	Maintain drug book		
	Community psychiatry & Deaddiction centre		
10	Case work – 1		
11	Observation report on field visits		
12	Visit to deaddiction centre		
V SEMESTER – COMMUNITY HEALTH NURSING – I INCLUDING ENVIRONMENTAL SCIENCE & EPIDEMIOLOGY			
1	Community needs assessment/survey (Rural/Urban) – 1		
2	Visits to – SC/HWC – PHC – CHC		
3	Observation of nutritional programs Anganwadi		

S.No.	Clinical Requirement	Date	Signature of the Faculty
4	Observation visits		
	i. Water purification site and Water quality tests		
	ii. Milk diary		
	iii. Slaughter-house		
	iv. Market		
	v. Sewage disposal site		
	vi. Rain water harvesting		
	vii. Slaughter-house		
5	Nutritional assessment – Adult 1		
6	Individual health teaching – Adult 1		
7	Use of AV aids – flash cards/posters/flannel graphs/flip charts (Any Two) i. ii.		
8	Health assessment of i. Woman – 1 ii. Infant/under five child – 1 iii. Adolescent – 1 iv. Adult – 1		
9	Growth monitoring of children under five – 1		
10	Documentation i. Individual records – 1 ii. Family records – 1		
11	Investigation of an epidemic – 1		
12	Screening and primary management of i. Communicable diseases – 1 ii. NCD – 1		
13	Home visits – 2		
14	Participation in national health programs – 2		
15	Participation in school health program – 1		
V SEMESTER – EDUCATIONAL TECHNOLOGY/NURSING EDUCATION			
1	Microteaching – 2 i. Theory – 1 ii. Practical/lab – 1		
2	Field Visit to nursing educational institution – regional/national organization		
VI SEMESTER – NURSING MANAGEMENT & LEADERSHIP			
1	Field visit to Hospital – regional/national organization		
VI & VII SEMESTER – MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING I & II			
1	Antenatal assessment and care – 20		
2	Postnatal assessment and care – 15		
3	Assessment of labour using partograph – 10		
4	Per vaginal examination – 10		
5	Observing normal childbirths/deliveries– 10		
6	Assisting in conduction of normal childbirth – 10		

S.No.	Clinical Requirement	Date	Signature of the Faculty
7	Conduction of normal deliveries – 10		
8	Assisting in abnormal/instrumental deliveries – 5		
9	Performing placental examination – 5		
10	Episiotomy and suturing (only if indicated)– 3		
11	Assist/observe Insertion of PPIUCD–2		
12	Newborn assessment – 10		
13	Newborn resuscitation – 5		
14	Kangaroo mother care – 2		
Nursing Care Plan/Clinical presentation with Drug Study			
15	<i>Antenatal care</i> Normal (care plan) – 1 High risk (case study/Clinical presentation) – 1		
16	<i>Intrapartum care</i> High risk (Clinical presentation) – 1		
17	<i>Postnatal care</i> Normal (care plan) – 1 High risk (Clinical presentation) – 1		
18	<i>Newborn care</i> Normal (care plan) – 1		
19	Gynecological condition Care plan – 1		
20	Health talk – individual/group – 2		
21	Counseling mothers and family members		
22	Visit to • Peripheral health facility/Laqshya certified labour room • Infertility centre (Virtual/videos)		
23	Completion of SBA module		
24	Completion of safe delivery app		
VII SEMESTER – COMMUNITY HEALTH NURSING II			
1	Screening and primary management of of i. Minor ailments – 2 ii. Emergencies – 1 iii. Dental problems – 1 iv. Eye – 1 v. ENT – 1		
2	Primary management and care based on protocols approved by MOH&FW (Home/health centre)		
3	Screening and primary management of i. High risk pregnancy ii. High risk neonate		
4	Assessment of i. Antenatal – 1 ii. Intrapartum – 1 iii. Postnatal – 1 iv. Newborn – 1		
5	Conduction of normal childbirth and documentation – 2		
6	Immediate newborn care and documentation – 1		

S.No.	Clinical Requirement	Date	Signature of the Faculty
7	Family planning counseling – 1		
8	Group health education (Rural/urban) – 1		
9	Adolescent counseling– 1		
10	Family case study (Rural/urban) – 1		
11	Screening, diagnosis, primary management and referral of clients with occupational health problems – 2 i. ii.		
12	Health assessment (physical & nutritional) of elderly – 1		
13	Mental health screening survey – 1		
14	Group project – Community diagnosis (data management)		
15	Writing report on health centre activity – 1		
16	Participation in organizing and conducting under five/antenatal clinic/health camp – 2 i. ii.		
17	Participation in disaster mock drills		
18	Field visits - Biomedical waste management site - AYUSH centre - Industry - Geriatric home		
19	Report on interaction with MPHW/HV/ASHA/AWWs (Any 2) 1. 2.		
VII SEMESTER – NURSING RESEARCH			
1	Research Project – Group/Individual Title:		

Signature of the Faculty coordinator

Signature of the HOD/Principal

CLINICAL EXPERIENCE DETAILS

[illegible]

Signature of the Faculty Coordinator

Signature of the HOD/Principal

SAMPLE MARK SHEET/MARK CARD

(Marks are shown as example – INC Template as Example only)

Name of the University:

Name of the College/Institution:

Name of the Nursing Program/Course:

Name of the Student:

SEMESTER No: I SEMESTER

COURSES			Credits	Internal Assessment		End Semester College/University Exam		Final Marks (%)	Letter Grade	Grade Point
S. No.	Course Code	Title of the Course		Marks obtained	Pass Marks out of	Marks obtained	Pass Marks out of			
1	ENGL 101	*Communicative English	2	20	10/25 (40%)	20	10/25 (40%)	80	A+	9
2	ANAT 105 & PHYS 110	Applied Anatomy & Applied Physiology	6 (3+3)	18	12.5/25	57	37.5/75	75	A	8
3	SOCI 115 & PSYC 120	Applied Sociology & Applied Psychology	6 (3+3)	16	12.5/25	54	37.5/75	70	B+	7

*ENGL 101-College Exam, Marks are not added for calculating SGPA, Pass marks-40%

SEMESTER No: II SEMESTER

COURSES			Credits	Internal Assessment		End Semester College/University Exam		Final Marks (%)	Letter Grade	Grade Point
S. No.	Course Code	Title of the Course		Marks obtained	Pass Marks out of	Marks obtained	Pass Marks out of			
1	BIOC 135 & NUTR 140	Applied Biochemistry and Applied Nutrition & Dietetics	5 (2+3)	16	12.5/25	44	37.5/75	60	B	6
2	N-NF(I&II) 125	Nursing Foundation I & II Incl Health Assessment module	T-12 (6+6)	20	12.5/25	55	37.5/75	75	A	8
			P-11 (4+7)	30	25/50	30	25/50	60	B	6
3	*HNIT 145	Health/Nursing Informatics & Technology	3	20	12.5/25	19	12.5/25	78	A	8

T-Theory, P-Practicum (Skill lab & Clinical)

*HNIT 145-College Exam

SEMESTER No: III SEMESTER

COURS ES	Credits	Internal Assessment	End Semester College/University Exam	Final Marks (%)	Letter Grade	Grade Point				
S. No.	Course Code	Title of the Course		Marks obtained	Pass Marks out of	Marks obtained	Pass Marks out of			
1	MICR 201	Applied Microbiology and Infection Control including Safety	3	18	12.5/25	57	37.5/75	75	A	8
2	N-AHN (I) 215	Adult Health Nursing I with Integrated Pathophysiology including BCLS module	T-7	20	12.5/25	58	37.5/75	78	A	8
			P-7	35	25/50	35	25/50	70	B+	7

T-Theory, P-Practical**SEMESTER No: IV SEMESTER**

COURSES			Credits	Internal Assessment		End Semester College/University Exam		Final Marks (%)	Letter Grade	Grade Point
S. No.	Course Code	Title of the Course		Marks obtained	Pass Marks out of	Marks obtained	Pass Marks out of			
1	PHAR (I&II) 205 PATH (I&II) 210	Pharmacology (I&II) & Pathology (I&II) (including Genetics)	6 (4+2)	18	12.5/25	57	37.5/75	75	A	8
2	N-AHN (II) 225	Adult Health Nursing II with Integrated Pathophysiology including Geriatric Nursing & Palliative Care	T-7	20	12.5/25	58	37.5/75	78	A	8
			P-7	35	25/50	35	25/50	70	B+	7
3	*PROF 230	Professionalism, Professional Values and Ethics including Bioethics	1	18	12.5/25	20	12.5/25	76	A	8
4	*Elective 1	Ex. Human Values	1			70	40/100	70		

T-Theory, P-Practical

*PROF 230-College Exam; *Elective 1-College Exam, Marks are not added for calculating SGPA, Pass marks-40%

SEMESTER No: V SEMESTER

COURSES			Credits	Internal Assessment		End Semester College/University Exam		Final Marks (%)	Letter Grade	Grade Point
S. No.	Course Code	Title of the Course		Marks obtained	Pass Marks out of	Marks obtained	Pass Marks out of			
1	N-COMH (I) 310	Community Health Nursing I including Environmental Science & Epidemiology	T-5	18	12.5/25	57	37.5/75	75	A	8
			P- 2	35	25/50	35	25/50	70	B+	7
2	EDUC 315	Educational Technology/Nursing Education	3	20	12.5/25	58	37.5/75	78	A	8
3	*N-FORN 320	Introduction to Forensic Nursing	1	18	12.5/25	20	12.5/25	76	A	8

T-Theory, P-Practical

*N-FORN 320-College Exam

SEMESTER No: VI SEMESTER

COURSES			Credits	Internal Assessment		End Semester College/University Exam		Final Marks (%)	Letter Grade	Grade Point
S. No.	Course Code	Title of the Course		Marks obtained	Pass Marks out of	Marks obtained	Pass Marks out of			
1	N-CHN (I&II) 301	Child Health Nursing (I&II)	T-5 (3+2)	20	12.5/25	60	37.5/75	80	A+	9
			P-4 (3+1)	38	25/50	38	25/50	76	A	8
2	N-MHN (I&II) 305	Mental Health Nursing (I&II)	T-5 (3+2)	20	12.5/25	58	37.5/75	78	A	8
			P-3 (1+2)	35	25/50	35	25/50	70	B+	7
3	NMLE 330	Nursing Management & Leadership	4 (T-3, P-1)	19	12.5/25	54	37.5/75	73	B+	7
4	*Elective-2	Ex. Menopausal Health	1			76	40/100	76		

T-Theory, P-Practical;

*Elective-2-College Exam, Marks are not added for calculating SGPA, Pass marks-40%

SEMESTER No: VII SEMESTER

COURSES			Credits	Internal Assessment		End Semester College/University Exam		Final Marks (%)	Letter Grade	Grade Point
S. No.	Course Code	Title of the Course		Marks obtained	Pass Marks out of	Marks obtained	Pass Marks out of			
1	N-COMH (II) 401	Community Health Nursing II	T-5	19	12.5/25	60	37.5/75	79	A	8
			P-2	40	25/50	42	25/50	82	A+	9
2	NRST 405	Nursing Research & Statistics	4 (T-2, P-2)	20	12.5/25	58	37.5/75	78	A	8
3	N-MIDW/ OBGN I & II 335 & 410	Midwifery/ Obstetrics and Gynaecology (OBG) Nursing I&II	T-6 (3+3)	19	12.5/25	58	37.5/75	77	A	8
			P-9 (4+5)	32	25/50	42	25/50	74	B+	7

T-Theory, P-Practical**SEMESTER No: VIII SEMESTER**

COURSES			Credits	Internal Assessment		End Semester College/University Exam		Final Marks (%)	Letter Grade	Grade Point
S. No.	Course Code	Title of the Course		Marks obtained	Pass Marks out of	Marks obtained	Pass Marks out of			
1	INTE 415, 420, 425, 430 & 435	Competency Assessment • Community Health Nursing • Adult Health Nursing • Child Health Nursing • Mental Health Nursing • Midwifery/ OBG Nursing	P-12	70	50/100	76	50/100	146/200=73	B+	7
2	*Elective-3	Ex. Scientific Writing Skills	1			79	40/100	79		

P-Practical

*Elective 3-College Exam, Marks are not added for calculating SGPA

SAMPLE TRANSCRIPT (INC Template as Example only)

Name of the University:

Name of the College/Institution:

Name of the Nursing Program/Course:

Name of the Student:

Date/Month and Year of completion of the B.Sc. (Nursing) Program:

SEMESTER No: I SEMESTER

COURSES			Credits	Marks obtained (%)	Letter Grade	Grade Point	Credit Point
S. No.	Course Code	Title of the Course					
1	ENGL 101	*Communicative English	2	80	A+	9	---
2	ANAT 105 & PHYS 110	Applied Anatomy & Applied Physiology	6(3+3) C ₁	75	A	8 G ₁	6×8=48
3	SOCI 115 & PSYC 120	Applied Sociology & Applied Psychology	6(3+3) C ₂	70	B+	7 G ₂	6×7=42

*ENGL 101-Marks are not added for calculating SGPA, Pass marks-40%

Computation of SGPA (Semester Grade Point Average)

$$SGPA = \frac{C_1G_1 + C_2G_2}{C_1 + C_2}$$

$$= \frac{48+42}{6+6}$$

$$= \frac{90}{12}$$

$$= 7.50$$

I SEMESTER SGPA= 7.50

SEMESTER No: II SEMESTER

COURSES			Credits	Marks obtained (%)	Letter Grade	Grade Point	Credit Point
S. No.	Course Code	Title of the Course					
1	BIOC 135 & NUTR 140	Applied Biochemistry and Applied Nutrition & Dietetics	5 (2+3) C ₁	60	B	6 G ₁	5×6=30
2	N-NF (I&II) 125	Nursing Foundation I & II	T-12 (6+6) C ₂	75	A	8 G ₂	12×8=96
			P-11 (4+7) C ₃	60	B	6 G ₃	11×6=66
3	HNIT 145	Health/Nursing Informatics & Technology	3 C ₄	78	A	8 G ₄	3×8=24

Computation of SGPA

$$SGPA = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4}{C_1 + C_2 + C_3 + C_4}$$

$$= \frac{30+96+66+24}{5+12+11+2}$$

$$= \frac{216}{31}$$

$$= 6.97$$

II SEMESTER SGPA= 6.97

SEMESTER No: III SEMESTER

COURSES			Credits	Marks obtained (%)	Letter Grade	Grade Point	Credit Point
S. No.	Course Code	Title of the Course					
1	MICR 201	Applied Microbiology and Infection Control including Safety	3 C ₁	75	A	8 G ₁	3×8=24
2	N-AHN (I) 215	Adult Health Nursing I with Integrated Pathophysiology including BCLS module	T-7 C ₂	78	A	8 G ₂	7×8=56
			P-7 C ₃	70	B+	7 G ₃	7×7=49

Computation of SGPA

$$SGPA = \frac{C_1G_1 + C_2G_2 + C_3G_3}{C_1 + C_2 + C_3}$$

$$= \frac{24 + 56 + 49}{3 + 7 + 7}$$

$$= \frac{129}{17}$$

$$= 7.59$$

III SEMESTER SGPA= 7.59

SEMESTER No: IV SEMESTER

COURSES			Credits	Marks obtained (%)	Letter Grade	Grade Point	Credit Point
S. No.	Course Code	Title of the Course					
1	PHAR (I&II) 205 PATH (I&II) 210	Pharmacology (I&II) & Pathology (I&II) (including Genetics)	6 (4+2) C ₁	75	A	8 G ₁	6×8=48
2	N-AHN (II) 225	Adult Health Nursing II with Integrated Pathophysiology including Geriatric Nursing & Palliative Care	T-7 C ₂	78	A	8 G ₂	7×8=56
			P-7 C ₃	70	B+	7 G ₃	7×7=49
3	*PROF 230	Professionalism, Professional Values and Ethics including Bioethics	1 C ₄	76	A	8 G ₄	1×8=8
4	*Elective I	Ex. Human Values	1	70	----	----	----

*Elective I-Marks are not added for calculating SGPA, Pass marks-40%

Computation of SGPA

$$SGPA = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4}{C_1 + C_2 + C_3 + C_4}$$

$$= \frac{48 + 56 + 49 + 8}{6 + 7 + 7 + 1}$$

$$= \frac{161}{21}$$

$$= 7.67$$

IV SEMESTER SGPA= 7.67

SEMESTER No: V SEMESTER

COURSES			Credits	Marks obtained (%)	Letter Grade	Grade Point	Credit Point
S. No.	Course Code	Title of the Course					
1	N-COMH (I) 310	Community Health Nursing I including Environmental Science & Epidemiology	T-5 C ₁	75	A	8 G ₁	5×8=40
			P-2 C ₂	70	B+	7 G ₂	2×7=14
2	EDUC 315	Educational Technology/ Nursing Education	3 C ₃	78	A	8 G ₃	3×8=24
3	*N-FORN 320	Introduction to Forensic Nursing	1 C ₄	76	A	8 G ₄	1×8=8

Computation of SGPA

$$SGPA = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4}{C_1 + C_2 + C_3 + C_4}$$

$$= \frac{40+14+24+8}{5+2+3+1}$$

$$= \frac{86}{11}$$

$$= 7.82$$

V SEMESTER SGPA= 7.82

SEMESTER NO: VI SEMESTER

COURSES			Credits	Marks obtained (%)	Letter Grade	Grade Point	Credit Point
S. No.	Course Code	Title of the Course					
1	N-CHN (I&II) 301	Child Health Nursing (I&II)	T-5 (3+2) C ₁	80	A+	9 G ₁	5×9=45
			P-4 (3+1) C ₂	76	A	8 G ₂	4×8=32
2	N-MHN (I&II) 305	Mental Health Nursing (I&II)	T-5 (3+2) C ₃	78	A	8 G ₃	5×8=40
			P-3 (1+2) C ₄	70	B+	7 G ₄	3×7=21
3	NMLE 330	Nursing Management & Leadership	4 C ₅	73	B+	7 G ₅	4×7=28
4	*Elective-2	Ex. Menopausal Health	1	76	---	---	---

*Elective-2 Marks not added for calculating SGPA, Pass marks-40%

Computation of SGPA

$$SGPA = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4 + C_5G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

$$= \frac{45+32+40+21+28}{5+4+5+3+4}$$

$$= \frac{166}{21}$$

VI SEMESTER SGPA= 7.90

SEMESTER No: VII SEMESTER

COURSES			Credits	Marks obtained (%)	Letter Grade	Grade Point	Credit Point
S. No.	Course Code	Title of the Course					
1	N-COMH (II) 401	Community Health Nursing II	T-5 C ₁	79	A	8 G ₁	5×8=40
			P-2 C ₂	82	A+	9 G ₂	2×9=18
2	NRST 405	Nursing Research & Statistics	4 C ₃	78	A	8 G ₃	4×8=32
3	N-MIDW/ OBGN I & II 335 & 410	Midwifery/Obstetrics and Gynaecology (OBG) Nursing I & II	T-6 (3+3) C ₄	77	A	8 G ₄	6×8=48
			P-9 (4+5) C ₅	74	B+	7 G ₅	9×7=63

Computation of SGPA

$$SGPA = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4 + C_5G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

$$= \frac{40+18+32+48+63}{5+2+4+6+9}$$

$$= \frac{201}{26}$$

VII SEMESTER SGPA= 7.73

SEMESTER No: VIII SEMESTER

COURSES			Credits	Marks obtained (%)	Letter Grade	Grade Point	Credit Point
S. No.	Course Code	Title of the Course					
1	INTE 415, 420, 425, 430 & 435	Competency Assessment • Community Health Nursing • Adult Health Nursing • Child Health Nursing • Mental Health Nursing • Midwifery/OBG Nursing	P-12 C ₁	73	B+	7 G ₁	12×7=84
2	*Elective-3	Ex. Scientific Writing Skills	1	79	----	----	---

*Elective 3-Marks are not added for calculating SGPA, Pass marks-40%

Computation of SGPA

$$SGPA = \frac{C_1G_1}{C_1}$$

$$= \frac{12 \times 7}{12}$$

$$= \frac{84}{12}$$

VIII SEMESTER SGPA= 7.00

Computation of CGPA

CGPA-Cumulative Grade Point Average

CGPA is calculated with SGPA of all semesters to two decimal points and is indicated in final grade in mark card/transcript showing grades of all 8 semesters and their courses/subjects.

CGPA reflects the failed status in case of fail till the course/s are passed.

SEMESTER I	SEM 2	SEM 3	SEM 4	SEM 5	SEM 6	SEM 7	SEM 8
Credit-Cr Cr: 12	Cr: 31	Cr: 17	Cr: 21	Cr: 11	Cr:21	Cr: 26	Cr:12
SGPA: 7.50	SGPA: 6.97	SGPA:7.59	SGPA:7.67	SGPA:7.82	SGPA:7.90	SGPA:7.73	SGPA:7.00
Cr × SGPA = 12×7.50 = 90.00	31×6.97 = 216.07	17×7.59 = 129.03	21×7.67 = 161.07	11×7.82 = 86.02	21×7.90 = 165.90	26×7.73 = 200.98	12×7.00 = 84.00

$$\text{CGPA} = \frac{12 \times 7.5 + 31 \times 6.97 + 17 \times 7.59 + 21 \times 7.67 + 11 \times 7.82 + 21 \times 7.90 + 26 \times 7.73 + 12 \times 7.00}{151}$$

$$= \frac{90.00 + 216.07 + 129.03 + 161.07 + 86.02 + 165.90 + 200.98 + 84.00}{151}$$

$$= \frac{1133.07}{151} = 7.50$$

Cumulative Grade Point Average (CGPA) = 7.50]



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