MALLA REDDY VISHWAVIDYAPEETH
(Deemed to be University)
Hyderabad

School of Nursing Science and Technology

FELLOWSHIP IN

MATERNAL AND CHILD HEALTH CARE NURSING

Curriculum 2026

Programme particulars	
Level	Post-registration fellowship (Nursing)
Duration	26 weeks (6 months) – 1,000 hours
Structure	Theory 100 hrs Simulation laboratory 60 Hrs Clinical practice 840 Hrs
Eligibility	Registered B.Sc. Nursing / M.Sc. Nursing in India, or equivalent
Award	Fellowship certificate of Malla Reddy Vishwavidyapeeth

Approved Curriculum by the Board of Studies, Academic Council and Executive Council

Stage	Body	Date of approval / resolution no.
1	Board of Studies- School of Nursing Science and Technology	
2	Academic Council	
3	Executive Council	

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1. Preamble and Need for the Programme

Malla Reddy School of Nursing Science and Technology recognizes the growing demand for professionally trained nurses who can provide comprehensive maternal, newborn and child health care in hospital and community settings. Registered nurses play a vital role in promoting maternal health, ensuring safe pregnancy and childbirth, preventing complications, providing newborn care and supporting the healthy growth and development of children. Specialized training is therefore essential to improve the quality, safety and outcomes of maternal and child health services.

The Fellowship in Maternal and Child Health Care Nursing is designed to strengthen the competencies of nurses in antenatal care, intranatal care, postnatal care, newborn assessment, neonatal resuscitation, child health assessment, growth and development, immunization and management of common maternal and childhood illnesses. It enables nurses to identify high-risk pregnancies, recognize obstetric and neonatal emergencies, understand the etiology and pathophysiology of maternal and childhood conditions, interpret diagnostic findings, and provide appropriate nursing and collaborative interventions.

The fellowship also develops skills in maternal and newborn monitoring, emergency obstetric care, breastfeeding support, nutrition counselling, infection prevention, family planning, child safety, ethical decision-making and communication with families. Through structured clinical exposure, simulation-based learning and case-based discussions, nurses are prepared to deliver comprehensive, evidence-based and family-cent red care across the continuum of maternal and child health services. The programme aims to enhance professional confidence, clinical judgement, teamwork and leadership, thereby contributing to the reduction of preventable maternal, neonatal and child morbidity and mortality and strengthening maternal and child health services.

1.1 Need

- Maternal and child health services require skilled nurses to provide quality antenatal, intranatal and postnatal care, promote safe childbirth, and ensure the early identification and management of complications.
- Basic nursing programmes provide foundational knowledge and clinical experience; a structured, competency-based fellowship further strengthens specialized skills in high-risk pregnancy, obstetric emergencies, neonatal resuscitation and pediatric nursing care.
- Hospitals and community health services need competent nurses who can support safe motherhood, newborn survival, breastfeeding, immunization, nutrition, growth monitoring and the prevention of childhood illnesses.

2. Vision, Mission and Programme Objectives

2.1 Vision

To prepare competent, compassionate and skilled maternal and child health nurses who provide safe, evidence-based and family-centered care and contribute to improving maternal, newborn and child health outcomes.

2.2 Mission

To develop skilled and ethical maternal and child health nursing professionals through evidence-based education, competency-based clinical training, compassionate care, family-centered practice, and interprofessional collaboration to promote maternal, newborn and child health and improve health outcomes.

2.3 Programme Objectives

After successful completion of the Fellowship in Maternal and Child Health Care Nursing, the fellow will be able to:

1. Provide safe, comprehensive and evidence-based nursing care to women during the antenatal, intranatal and postnatal periods, and to newborns and children across different stages of growth and development.
2. Assess, plan, implement and evaluate nursing care for normal and high-risk pregnancies, women experiencing obstetric complications, newborns requiring specialized care, and children with acute or chronic health conditions.

3. Promote maternal and child health through breastfeeding support, nutrition counselling, immunization, growth monitoring, developmental assessment, family planning education and the prevention of common illnesses.
4. Educate and counsel pregnant women, mothers, caregivers and families regarding pregnancy care, safe childbirth, postnatal recovery, newborn care, child development, nutrition and recognition of danger signs.
5. Maintain ethical, legal and professional standards in maternal and child health nursing, including informed consent, confidentiality, accurate documentation, effective communication and safe handover.
6. Collaborate with multidisciplinary healthcare teams to ensure continuity of care, timely referral, rehabilitation and follow-up for mothers, newborns and children.

3. Programme at a Glance

Item	Details
Name of the programme	Fellowship in Maternal and Child Health Care Nursing
Offered by	School of Nursing Science and Technology, Malla Reddy Vishwavidyapeeth (Deemed to be University)
Duration	26 weeks (6 months), full time
Total hours	1,000: theory 100, simulation laboratory 60, clinical practice 840
Credits	33 (at 30 notional hours per credit; 1,000 h ÷ 30 = 33.3, rounded down)
Eligibility	Registered B.Sc. Nursing / M.Sc. Nursing in India, or equivalent
Mode	Contact classes, simulation, supervised clinical postings in a teaching hospital, logbook
Assessment	MCQ 25 + practical skills (three case scenarios) 60 + logbook 15 = 100 marks; minimum 50% in each component and 50% aggregate
Award	Fellowship certificate by Malla Reddy Vishwavidyapeeth (Deemed to be University)
Medium of instruction	English

4. Eligibility, Selection and Governance

4.1 Eligibility

- Registered B.Sc. Nursing or M.Sc. Nursing in India, or equivalent qualification.
- Current registration with a State Nursing Council (certificate to be produced at admission).
- Medical fitness certificate and immunization record (hepatitis B at minimum).

4.2 Selection and commencement

The fellowship is established to uphold transparency, fairness and meritocracy in the selection process for the MRV Fellowship Programme. Selection is made by the Fellowship Committee on the basis of academic record, a short interview and document verification. A batch commences once the committee has approved the list of fellows and allotted a guide to each fellow.

4.3 Fellowship Committee

Sl. No.	Role / position	Description / designation
1	Chairperson	The Dean, SNST
2	Subject expert	Dean MRCON, Professor or Associate Professor of SNST
3	Guide / co-guide	Professor, Associate Professor or Assistant Professor from SNST
4	Convener	The Fellowship Coordinator of MRV
5	Ex officio members	The Registrar and the Controller of Examinations, MRV

Functions of the committee: approval of the curriculum and of any additional output or deliverable (written approval is needed beforehand); selection of fellows; allotment of guides; monitoring of attendance, logbooks and

clinical postings; conduct of the final assessment; handling of grievances; recommendation of award of the certificate.

4.4 Guides

- Guide / co-guide: Professor, Associate Professor or Assistant Professor from SNST with a postgraduate qualification in nursing and experience in Maternal and Child Health Care in nursing.
- Clinical preceptors: nurses with at least two years of Maternal and Child Health Care experience and a valid PALS/ALSO provider certificate.
- Guide-to-fellow ratio not more than 1:5 and preceptor-to-fellow ratio not more than 1:3 in clinical areas.

5. Programme Outcomes

5.1 Programme outcomes (POs)

At the end of the fellowship the fellow demonstrates the following programme outcomes.

PO	Domain	Programme outcome
PO1	Knowledge	Explains the etiology, pathophysiology, diagnostic findings and management of maternal, neonatal and paediatric health conditions.
PO2	Assessment and triage	Performs systematic assessment and monitoring of pregnant and postnatal women, newborns and children.
PO3	Emergency interventions	Provides safe and competent nursing care during antenatal, intranatal and postnatal periods.
PO4	Communication and education	Communicates effectively with women, newborns' families, caregivers and healthcare teams; maintains accurate documentation and handover; and provides education on breastfeeding, nutrition, immunization, family planning and child health.
PO5	Safety, infection control and ethics	Applies infection-prevention practices, medication and equipment safety, informed consent, confidentiality and ethical decision-making while providing maternal, newborn and child health care.
PO6	Leadership and evidence	Coordinates and supervises maternal and child health nursing activities, collaborates with multidisciplinary teams, participates in maternal and child health programmes.

6. Curriculum Framework

6.1 Distribution of hours

Unit	Title	Theory (h)	Simulation lab (h)
1	Assessment and management of Pregnancy (ante-natal)	10	8
2	Assessment and management of intranatal period	10	8
3	Assessment and management of women during post natal period	10	8
4	Assessment and management of normal neonates	10	6
5	Normal Newborn	10	6
6	High Risk Pregnancy	10	8
7	High risk labor	10	8
8	Abnormalities of puerperium	10	4
9	Pharmaco- therapeutics in obstetrics	10	2

Unit	Title	Theory (h)	Simulation lab (h)
10	Assessment and Management High risk newborn	10	4
	Total	**100**	**60**

Component	Hours	Share
Theory (8 units)	100	10%
Simulation laboratory	60	6%
Clinical practice (postings)	840	84%
Total	**1,000**	**100%**

Average weekly load over 26 weeks: about 4 hours of theory, 2 hours of simulation and 32 hours of clinical practice (about 38 hours a week).

6.2 Schedule of the 26 weeks

Weeks	Activity
1–2	Orientation, ALSO/PALS certification, Units I and II & III, infection-control orientation, equipment familiarization; posting in the Maternal and Pediatric department begins
3–20	Clinical postings as in Section 8, with theory (Units III–X) and simulation sessions scheduled against the posting
21–25	Remaining postings, logbook completion, revision and case-scenario practice
26	Final assessment and exit examination

6.3 Teaching–learning methods

- Interactive lectures, educational videos and case-based learning on maternal, newborn and child health care.
- Simulation laboratory: Maternal and neonatal manikins, obstetric emergency models, neonatal resuscitation equipment, pediatric manikins, infant warmers and monitoring equipment.
- Bedside teaching, supervised clinical procedures and graded responsibility during antenatal, labour room, postnatal, neonatal and pediatric clinical postings.
- Group discussions, role play, peer-led presentations, breastfeeding demonstrations, lactation counselling, nutrition education and growth and developmental assessment.
- Maternal and obstetric emergency drills, neonatal resuscitation, pediatric life support (PALS) scenarios and OSCE-based clinical skills practice.
- Community-based learning through antenatal clinics, immunization sessions, growth monitoring, maternal and child health education and family planning counselling.
- Logbook maintenance, reflective practice, case presentations, clinical assignments and regular feedback from clinical guides.

7. Detailed Syllabus: Maternal and child care Nursing

Theory 100 hours · Simulation laboratory 60 hours · Clinical practice 840 hours

For every unit the syllabus gives the learning objectives, content, teaching–learning activities, assessment methods and course outcomes (CO).

Unit I: Assessment and Management of Pregnancy (Antenatal Period)

Theory: 10 hours Simulation laboratory 8 hours

Learning objectives

- Assess and manage normal pregnancy.
- Educate and prepare women for childbirth.
- Identify high-risk pregnancies and recognize early warning signs requiring timely referral.

- Provide antenatal care, including nutritional counselling, screening, immunization, and preventive interventions.
- Promote maternal and fetal well-being through health education, birth preparedness, and complication readiness.

Content

Assessment and management of pregnancy (antenatal)

- Normal pregnancy.
- Psychological changes during pregnancy.
- Discomforts of pregnancy.
- Diagnosis of pregnancy.
- Antenatal care.
- Signs of previous childbirth.
- Antenatal preparation and counseling.
- Antenatal exercises.
- Psychosocial and cultural aspects of pregnancy.
- Adjustment to pregnancy.
- Care and counseling for unwed mothers and single parents.
- Teenage pregnancy and sexual violence.
- Adoption.

Teaching–learning activities

Lectures, role-play, demonstrations and antenatal clinic visits.

Assessment methods

Written tests, case study reports and practical demonstrations.

Course outcomes (CO)

CO	Course outcome: The fellow will be able to
CO1	Assess and explain the physiological and psychological changes associated with normal pregnancy.
CO2	Provide antenatal care, counseling and education to prepare women for safe pregnancy and childbirth.

Unit II: Assessment and Management of the Intranatal Period

Theory: 10 hours Simulation laboratory 8 hours

Learning objectives

- Assess and manage women during labour.
- Provide appropriate care to the mother and newborn during delivery.
- Monitor labour progress and fetal well-being using appropriate assessment tools.
- Identify and manage obstetric emergencies and initiate timely referral.
- Promote safe, respectful, and evidence-based childbirth practices.

Content

Assessment and management of the intranatal period

- Physiology and mechanism of labor.
- Management of labour.
- First stage of labour: signs and symptoms of onset.
- Admission and care of women in the labour room.

- Assessment and observation of women in labour.
- Partograph and maternal and fetal monitoring.
- Active management and induction of labour.
- Pain relief and comfort measures during labour.
- Second stage of labour: signs, symptoms, normal and abnormal duration.
- Conduct of delivery and principles of delivery techniques.
- Episiotomy, when indicated.
- Receiving the newborn.
- Neonatal resuscitation: initial steps and subsequent interventions.
- Umbilical cord care.
- Immediate newborn assessment and screening.
- Third stage of labour: signs, symptoms and normal and abnormal duration.
- Methods of placental expulsion and management of the third stage.
- Examination of the placenta and perineum.
- Maintenance of records and reports.

Teaching–learning activities

Simulation laboratory practice, case-based discussions and supervised labour room postings.

Assessment methods

OSCE, skills checklists and record evaluation.

Course outcomes (CO)

CO	Course outcome: The fellow will be able to
CO1	Assess women in labour and monitor maternal and fetal well-being using appropriate assessment methods and a partograph.
CO2	Provide safe nursing care during labour and delivery and assist in immediate newborn care and resuscitation within the scope of training.

Unit III: Assessment and Management During the Postnatal Period

Theory: 10 hours *Simulation laboratory 8 hours*

Learning objectives

- Promote the physical and emotional well-being of women after childbirth.
- Promote lactation and provide family planning education.
- Provide postnatal care to identify and manage complications and danger signs.
- Educate mothers and families on newborn care, hygiene, nutrition, and immunization.
- Provide family planning counseling and promote healthy birth spacing.

Content

Assessment and management of women during the postnatal period

- Normal puerperium: physiology and duration.
- Postnatal assessment and management.
- Promotion of physical and emotional well-being.
- Lactation management.
- Immunization.
- Family dynamics after childbirth.
- Family welfare services and family planning methods.

- Counselling and follow-up.
- Maintenance of records and reports.

Teaching–learning activities

Lectures, group discussions and supervised postnatal ward experience.

Assessment methods

Oral examination/viva voce and observation checklists.

Course outcomes (CO)

CO	Course outcome: The fellow will be able to
CO1	Assess the physical and emotional status of women during the postnatal period and provide appropriate nursing care.
CO2	Promote breastfeeding, lactation, family planning and postnatal health education for mothers and families.

Unit IV: Assessment and Management of Normal Neonates

Theory: 10 hours *Simulation laboratory 6 hours*

Learning objectives

- Assess and manage healthy newborns.
- Provide essential newborn care.
- Initiate and support early breastfeeding and promote exclusive breastfeeding.
- Monitor neonatal growth, vital signs, and developmental progress.
- Identify neonatal danger signs and initiate appropriate management and timely referral.

Content

Assessment and management of normal neonates

- Normal neonates and physiological adaptation.
- Initial and daily newborn assessment.
- Essential newborn care.
- Thermal control and prevention of hypothermia.
- Breastfeeding and prevention of infections.
- Immunization.
- Minor neonatal disorders and their management.
- Levels of neonatal care (Levels I, II and III) at primary, secondary and tertiary healthcare levels.
- Maintenance of records and reports.

Teaching–learning activities

Demonstrations, neonatal unit observation and skills station practice.

Assessment methods

Practical tests, MCQs and checklist-based evaluation.

Course outcomes (CO)

CO	Course outcome: The fellow will be able to
CO1	Assess healthy newborns and identify normal physiological adaptations and potential health problems.
CO2	Provide essential newborn care, including thermal protection, breastfeeding support, infection prevention and immunization.

Unit V: Newborn Care, Nutrition and Fluid Management

Theory: 10 hours *Simulation laboratory 6 hours*

Learning objectives

- Manage newborn nutrition and hydration.
- Recognize neonatal danger signs and common minor disorders.
- Assess feeding adequacy, weight gain, and hydration status in newborns.
- Identify and manage common neonatal feeding difficulties and fluid imbalances.
- Educate parents on newborn feeding practices, hygiene, and prevention of neonatal complications.

Content

Normal newborn care

- Examination of the newborn.
- Recognition of danger signs in newborns.
- Common minor neonatal disorders.
- Immediate, routine, transitional, daily and home care.
- Physiological adaptation of the neonate.
- Fluid and electrolyte balance.
- Thermoregulation and prevention of hypothermia.
- Kangaroo Mother Care (KMC).

Neonatal feeding and nutrition

- Physiology of the breast and milk secretion.
- Principles of feeding and nutrition.
- Feeding of normal newborns.
- Breastfeeding and maintenance of lactation.
- Human milk banks.
- Management of breastfeeding problems.
- Feeding of low-birth-weight babies.
- Artificial and alternative feeding methods: enteral and parenteral feeding, Katori-spoon feeding and gavage feeding.
- Total parenteral nutrition (TPN).
- Fluid and electrolyte therapy.

Teaching–learning activities

Demonstrations of feeding techniques, breastfeeding counselling sessions and home-care planning.

Assessment methods

Simulation tests, case scenarios and viva voce on feeding methods.

Course outcomes (CO)

CO	Course outcome: The fellow will be able to
CO1	Assess newborn nutritional and hydration needs and recognize neonatal danger signs and common minor disorders.
CO2	Demonstrate appropriate newborn feeding techniques, breastfeeding support, thermoregulation and fluid management according to clinical needs.

Unit VI: High-Risk Pregnancy

Theory: 10 hours *Simulation laboratory 8 hours*

Learning objectives

- Identify the causes and complications of high-risk pregnancies.
- Describe the clinical features and management of abnormal pregnancy conditions.
- Understand nursing responsibilities in care and documentation.

Content

High-risk pregnancy

- Abortion.
- Hydatidiform mole.
- Ectopic pregnancy.
- Medical termination of pregnancy.
- Antepartum hemorrhage: placenta previa and placental abruption.
- Vomiting in pregnancy.
- Pregnancy in Rh-negative women.
- Multiple pregnancy and hydramnios.
- Preterm labour and premature rupture of membranes.
- Intrauterine growth restriction (IUGR).
- Post-term pregnancy.
- Pregnancy following previous caesarean section.

Teaching–learning activities

Lectures with visual aids, case-based learning, group discussions and video demonstrations of procedures.

Assessment methods

Written tests (MCQs and short-answer questions), case study presentations, viva voce and clinical evaluation.

Course outcomes (CO)

CO	Course outcome: The fellow will be able to
CO1	Explain the causes, risk factors, clinical features and complications of high-risk pregnancy conditions.
CO2	Identify warning signs and provide appropriate nursing care, monitoring, documentation and timely referral for women with high-risk pregnancies.

Unit VII: High-Risk Labour

Theory: 10 hours *Simulation laboratory 8 hours*

Learning objectives

- Identify abnormal presentations and complications of labour.
- Explain their causes, clinical signs and management strategies.
- Implement appropriate nursing care plans for labour complications.

Content

High-risk labour

- Abnormal presentations: unstable lie, occipito-posterior, face and brow presentations.
- Breech presentation and compound presentation.
- Abnormal uterine action during labour.
- Active management of labour.
- Contracted pelvis and cephalopelvic disproportion (CPD).

- Obstructed labour.
- Rupture of the uterus.
- Injuries to the maternal birth canal.
- Umbilical cord prolapse.

Teaching–learning activities

Simulation exercises, clinical demonstrations in the labour room and group projects based on labour case scenarios.

Assessment methods

OSCE, chart reviews, written tests and direct observation in the clinical area.

Course outcomes (CO)

CO	Course outcome: The fellow will be able to
CO1	Recognize abnormal presentations and complications of labour and explain their causes, clinical features and potential risks.
CO2	Implement appropriate nursing interventions, monitor maternal and fetal conditions, and facilitate timely obstetric management and referral.

Unit VIII: Abnormalities of the Puerperium

Theory: 10 hours *Simulation laboratory 4 hours*

Learning objectives

- Assess and manage postnatal complications.
- Recognize mental health disorders during the puerperium.
- Educate mothers on postnatal self-care.

Content

Abnormalities of the puerperium

- Puerperal pyrexia and sepsis.
- Postpartum hemorrhage.
- Breast complications: breast engorgement, breast abscess and acute mastitis.
- Psychiatric disorders during the puerperium.
- Nursing management, counselling, referral and follow-up.

Teaching–learning activities

Role-play, teaching sessions for mothers and supervised clinical rotations in postnatal wards.

Assessment methods

Clinical performance appraisal, oral questioning and OSCE.

Course outcomes (CO)

CO	Course outcome: The fellow will be able to
CO1	Identify and assess postnatal complications, including hemorrhage, infection and breast problems, and initiate appropriate nursing interventions.
CO2	Recognize postpartum mental health concerns, provide emotional support and education, and facilitate timely referral and follow-up.

Unit IX: Pharmacotherapeutics in Obstetrics and Newborn Care

Theory: 10 hours Simulation laboratory 2 hours

Learning objectives

- Understand commonly used obstetric and neonatal medications.
- Administer medications safely and monitor their effects.
- Explain nursing responsibilities in pharmacological management.

Content

Pharmaco therapeutics in obstetrics

- Indications, dosage, actions, contraindications and side effects of drugs.
- Effects of drugs during pregnancy, labour and the puerperium.
- Nursing responsibilities in medication administration.
- Oxytocics, antihypertensives, diuretics, tocolytic agents and anticonvulsants.
- Analgesics and anesthetics in obstetrics.
- Uterine muscle relaxants and other obstetric medications, including methylergometrine (Methergin).

Maternal and neonatal drug safety

- Effects of maternal medications on the fetus and newborn.
- Drugs commonly used in newborn care.
- Safe drug administration, dosage calculation, monitoring and documentation.

Teaching–learning activities

Drug card preparation, medication administration simulation and case-based discussions.

Assessment methods

Drug quizzes, OSCE, drug card evaluation and observation in the clinical area.

Course outcomes (CO)

CO	Course outcome: The fellow will be able to
CO1	Explain the indications, actions, dosages, contraindications and adverse effects of commonly used obstetric and neonatal medications.
CO2	Demonstrate safe medication administration, monitor therapeutic effects and adverse reactions, and maintain accurate medication records.

Unit X: Assessment and Management of High-Risk Newborns

Theory: 10 hours Simulation laboratory 4 hours

Learning objectives

- Identify the needs of high-risk newborns.
- Provide specialized nursing care in the neonatal intensive care unit (NICU).
- Maintain accurate neonatal care documentation.

Content

Assessment and management of high-risk newborns

- Admission procedures and protocols for neonates in the NICU.
- Nursing management of low-birth-weight babies.
- Neonatal infections.
- Neonatal respiratory problems.
- Hemolytic disorders.
- Birth injuries.
- Congenital malformations.
- Monitoring of high-risk neonates.

- Feeding of high-risk neonates.
- Organization and management of the NICU.
- Maintenance of records and reports.

Teaching–learning activities

NICU rounds, equipment handling sessions and demonstrations of neonatal feeding techniques.

Assessment methods

NICU care logbook, feeding technique evaluation, clinical skills checklist and written examination.

Course outcomes (CO)

CO	Course outcome: The fellow will be able to
CO1	Assess high-risk newborns, identify common neonatal complications and explain the principles of specialized neonatal care.
CO2	Provide appropriate nursing care to high-risk newborns, monitor clinical status, support feeding and maintain accurate NICU records under appropriate supervision.

8. Clinical Practice: Postings (840 hours)

Clinical area	Weeks	Hours
Antenatal clinic and high-risk pregnancy clinic	4	140
Labour room and obstetric emergency unit	4	140
Postnatal ward and maternal care unit	3	100
Neonatal unit / Neonatal Intensive Care Unit (NICU)	5	180
Pediatric medical and surgical wards	4	140
Pediatric Intensive Care Unit (PICU)	3	80
Immunization clinic, growth monitoring and community maternal and child health services	2	40
Family planning and reproductive health services	1	20
Total	**26**	**840**

Postings shall be scheduled according to the clinical roster and availability of services. The antenatal clinic and labour room postings should begin early in the programme, followed by postnatal, neonatal and paediatric clinical rotations. High-risk pregnancy, obstetric emergencies, neonatal resuscitation and pediatric emergency care should be scheduled after the relevant theoretical and simulation training.

8.1 Expected learning in each posting

Posting	Focus
Antenatal clinic and high-risk pregnancy clinic	Antenatal history and assessment, maternal and fetal monitoring, identification of high-risk pregnancy, antenatal counselling, nutrition education and birth preparedness.
Labour room and obstetric emergency unit	Assessment of labour, partograph, fetal monitoring, assistance during normal delivery, active management of the third stage of labour (AMTSL), recognition of obstetric emergencies and immediate newborn care.
Postnatal ward and maternal care unit	Post-natal assessment, uterine involution, lochia monitoring, breastfeeding support, lactation management, recognition of postpartum hemorrhage and infection, maternal mental health and family planning counselling.
Neonatal unit / NICU	Newborn assessment, thermoregulation, neonatal resuscitation, umbilical cord care, feeding of preterm and low-birth-weight babies, monitoring of neonatal danger signs and infection prevention.

Posting	Focus
Pediatric medical and surgical wards	Pediatric assessment, growth and developmental monitoring, medication administration, fluid management, nutritional assessment, care of common childhood illnesses and pre- and post-operative nursing care.
PICU	Monitoring critically ill children, recognition of deterioration, paediatric basic life support, oxygen therapy, fluid and electrolyte management, medication safety and family communication.
Immunization clinic, growth monitoring and community services	Immunization administration, cold chain management, growth monitoring, developmental assessment, nutrition counselling, health education and community follow-up.
Family planning and reproductive health services	Family planning counselling, contraceptive methods, reproductive health education, informed consent, privacy and referral services.

9. Essential Maternal and Child Health Care Skills and Logbook

The fellow shall maintain a clinical logbook in which every procedure observed, assisted with or performed is recorded. Entries must be signed by the clinical preceptor and verified by the assigned guide. The minimum numbers listed below are proposed competency requirements for the 840 clinical hours. Procedures requiring specialized expertise must be performed only under appropriate supervision and within the fellow's authorised scope of practice. Simulation may be used when a suitable clinical case is unavailable.

9.1 Procedures observed (O)

No.	Procedure	Min.
1	Antenatal clinic services and high-risk pregnancy assessment	5
2	Normal vaginal delivery and assisted deliveries	5
3	Caesarean section	2
4	Obstetric ultrasound scanning	3
5	Neonatal intensive care unit procedures	3
6	Pediatric medical and surgical procedures	3
7	Family planning and reproductive health procedures	3
8	Immunization sessions and cold chain management	3
9	Management of obstetric emergencies, including eclampsia and postpartum hemorrhage	3
10	Management of neonatal and pediatric emergencies	3

9.2 Procedures assisted (A)

No	Procedure	Min	Sim
1	Antenatal assessment and monitoring of mother and fetus	10	sim
2	Monitoring progress of labour using a partograph	10	sim
3	Normal vaginal delivery	20	sim
4	Active management of the third stage of labour (AMTSL)	20	sim
5	Immediate newborn care at birth	10	
6	Neonatal resuscitation	10	
7	Postnatal assessment and care of mother and newborn	5	
8	High-risk obstetric care (PIH, GDM, anemia, APH/PPH)	5	

9	Pediatric procedures, including IV therapy and medication administration	10	sim
10	Growth monitoring and developmental assessment	5	
11	Immunization administration	10	
12	Breastfeeding support and lactation management	5	
13	Family planning counseling and procedures	5	
14	Care of preterm and low-birth-weight newborns	5	
15	Pediatric basic life support	5	
16	Administration of maternal and pediatric medications and fluids	5	

9.3 Procedures performed (P)

No.	Procedure	Min.	Sim
1	History taking and antenatal assessment.	5	Sim
2	Measurement of maternal vital signs and abdominal examination.	10	
3	Assessment of fetal heart rate and fetal movements.	10	
4	Identification of high-risk pregnancy and maternal danger signs.	10	
5	Antenatal health education, counselling and birth preparedness.	5	
6	Assessment of nutritional status and counselling regarding maternal nutrition.	5	Sim
7	Preparation of the mother and delivery area.	5	
8	Monitoring labour using a partograph.	5	Sim
9	Assisting with normal delivery under supervision.	10	
10	Infection prevention and aseptic techniques.	10	
11	Monitoring maternal vital signs and fetal well-being.	10	
12	Assisting with AMTSL according to institutional protocols.	15	
13	Immediate assessment and care of the mother after delivery.	15	
14	Recognition of obstetric emergencies and timely escalation of care.	20	
15	Postnatal assessment of the mother and newborn.	10	
16	Monitoring uterine involution and lochia.	10	
17	Breast examination and breastfeeding assistance.	10	
18	Identification of postnatal complications, including hemorrhage, infection and breast problems.	10	
19	Immediate newborn care, including warmth, airway assessment and evaluation of breathing.	10	
20	Basic neonatal resuscitation using approved protocols and simulation where appropriate.	10	
21	Care of low-birth-weight and preterm babies.	10	
22	Thermal care and prevention of hypothermia.	10	
23	Umbilical cord and eye care according to current protocols.	10	
24	Kangaroo Mother Care (KMC), where indicated.	10	
25	Oral rehydration therapy (ORT).	10	
26	Assessment of pediatric vital signs and recognition of danger signs.	5	
27	Guidance on age-appropriate complementary feeding.	10	

No.	Procedure	Min.	Sim
28	Oral, intramuscular and intravenous medication administration according to authorized scope.	10	
29	Care during maternal and pediatric blood transfusions.	10	
30	Documentation of medication administration and response.	10	

9.4 Logbook

- Each procedure or clinical activity must be recorded with the date, patient identification number (without identifiable patient details), procedure or activity, level of competency (O – Observed, A – Assisted, P – Performed), clinical or simulation setting, outcome, reflection, and preceptor's signature.
- The clinical guide must verify the logbook at the end of every posting. The Fellowship Coordinator reviews progress at weeks 8, 16, and 24.
- Case log: At least 10 case studies or case presentations with nursing care plans, selected from antenatal care, high-risk pregnancy, labour and delivery, postnatal care, obstetric emergencies, newborn care, neonatal complications, and pediatric health conditions.
- The logbook must be submitted to the assigned guide one week before the final assessment.

10. Scheme of Assessment

10.1 Final assessment and exit examination

The examination is conducted by the School of Nursing Science and Technology, Malla Reddy Vishwavidyapeeth. The final assessment by the assigned guides has three components.

Component	Details	Marks	Minimum (50%)
I. Multiple choice questions	Written paper; 1 mark per question; blueprint in 10.3	25	12.5
II. Practical skills assessment	Three case scenarios with discussion; 20 marks each	60	30
III. Logbook maintenance	Completeness and regularity; accuracy of entries; guide verification	15	7.5
Total		**100**	**50**

10.2 Criteria to pass

- Minimum 50% in each of the three components and minimum 50% aggregate (50 of 100).
- In terms of the earlier wording: 50% in theory (MCQ) and 50% in practical separately, and 50% in internal assessment. The logbook, which records the continuous assessment by guides and preceptors, is the internal assessment component.
- Minimum 80% attendance in theory, simulation and clinical postings; missed postings must be completed before the final assessment.
- A fellow who fails a component repeats only that component, at the next scheduled assessment within 6 months, once.
- Any additional output or deliverable (for example a case study, audit or teaching session) is decided with the guide and needs prior written approval of the Fellowship Committee.

10.3 MCQ blueprint (25 marks)

Unit	Title	Theory hours	MCQs
1	Assessment and management of Pregnancy (ante-natal)	10	2

Unit	Title	Theory hours	MCQs
2	Assessment and management of Intranatal period	10	2
3	Assessment and management of women during post natal period	10	2
4	Assessment and management of normal neonates	10	2
5	Normal Newborn	10	3
6	High Risk Pregnancy	10	5
7	High risk labor	10	3
8	Abnormalities of puerperium	10	2
9	Pharmaco- therapeutics in obstetrics	10	2
10	Assessment and Management High risk newborn	10	2
	Total	**100**	**25**

10.4 Practical skills assessment (60 marks)

Each fellow shall be assessed through three clinical or simulated case scenarios, with discussion. Collectively, the scenarios must cover maternal care, newborn care, and pediatric care. Each case carries 20 marks.

Criterion	Marks
Assessment and identification of clinical needs	5
Prioritization and preparation of the nursing care plan	4
Technical skills and implementation of nursing interventions	6
Patient safety, infection prevention, communication, and documentation	3
Discussion of rationale, complications, and evidence-based practice	2
Total per case	**20**

10.5 Logbook assessment (15 marks)

Criterion	Marks
Completeness and regularity	5
Accuracy of entries	5
Guide verification	5
Total	**15**

10.6 Formative assessment

Unit-wise MCQ tests, equipment and skill checklists, Log book assessment, case presentations and viva (the assessment methods listed under each unit) are used as formative assessment and feedback during the fellowship; they do not carry marks in the final result. The guide records progress at the end of each posting.

10.7 Award of the certificate

The Fellowship in Maternal and Child Health Care Nursing certificate is awarded by Malla Reddy Vishwavidyapeeth (Deemed to be University) to a fellow who satisfies the criteria in 10.2, on the recommendation of the Fellowship Committee and under the signature of the Controller of Examinations and the Dean.

11. Infrastructure, Faculty and Quality Assurance

11.1 Clinical facilities

The institution shall provide access to adequate clinical facilities for supervised maternal, newborn, and pediatric nursing practice, including:

- Antenatal outpatient department and high-risk pregnancy clinic.
- Labour room, obstetric emergency unit, and delivery suite.
- Postnatal ward and maternal care services.
- Obstetric operation theatre and post-operative care facilities.
- Neonatal intensive care unit (NICU) and newborn stabilization unit.
- Well-baby clinic, immunization clinic, and growth monitoring services.
- Pediatric outpatient department, pediatric wards, and pediatric intensive care unit (PICU), where available.
- Family planning and reproductive health services.
- Breastfeeding counselling and lactation support services.
- Community health centers, rural health centres, and outreach services for maternal and child health programmes.

11.2 Simulation laboratory

The simulation laboratory shall be equipped with suitable equipment and models for maternal, newborn, and pediatric nursing skills, including:

- Maternal and obstetric simulation manikin for antenatal assessment, labour management, and delivery.
- Pelvic models and birthing simulators.
- Models for obstetric emergencies, including postpartum hemorrhage and eclampsia management.
- Newborn care and neonatal resuscitation manikins.
- Infant and child CPR manikins.
- Equipment for monitoring maternal and fetal conditions, including fetal Doppler and cardiotocography (CTG), where available.
- Neonatal radiant warmer, incubator, phototherapy unit, and neonatal monitoring equipment for demonstration.
- Infant feeding equipment, suction apparatus, oxygen delivery devices, and bag-and-mask ventilation equipment.
- Equipment for IV cannulation, medication administration, specimen collection, and infection prevention.

11.3 Classroom and learning resources

- Smart classroom with audiovisual teaching facilities.
- Library with current textbooks, journals, and reference materials in obstetric, neonatal, pediatric, and community health nursing.
- Digital resources and online access to current maternal and child health guidelines.
- Learning Management System (LMS) for lecture notes, demonstration videos, clinical checklists, assignments, and logbook formats.
- Access to current Government of India and WHO guidelines on antenatal care, safe childbirth, newborn care, breastfeeding, immunization, nutrition, and child health.

11.4 Quality assurance

- Fellow feedback on every unit and posting; guide feedback to the committee at mid-point and at the end
- Annual curriculum review by the Fellowship Committee, with updating to current guidelines
- Grievance redressal through the Fellowship Coordinator; escalation to the Dean
- Ethics: informed consent and confidentiality in all patient contact; supervised practice only within the scope of a registered nurse

12. Suggested References

- D.C. Dutta's Textbook of Obstetrics.
- Myles' Textbook for Midwives.
- Lowdermilk, Perry, Cashion and Alden's Maternity and Women's Health Care.
- Wong's Nursing Care of Infants and Children.
- Hockenberry and Wilson's Wong's Nursing Care of Infants and Children.
- Textbook of Pediatric Nursing by relevant standard nursing authors.
- Textbook of Midwifery and Obstetrical Nursing by relevant standard nursing authors.
- World Health Organization (WHO) recommendations on antenatal care, intrapartum care, postnatal care, essential newborn care, and breastfeeding.
- Government of India, Ministry of Health and Family Welfare guidelines on maternal health, newborn care, child health, and immunization.
- Government of India guidelines on Facility-Based Newborn Care (FBNC), Integrated Management of Neonatal and Childhood Illness (IMNCI), and Rashtriya Bal Swasthya Karyakram (RBSK).
- Indian Academy of Pediatrics (IAP) guidelines on pediatric care, immunization, and common childhood illnesses.
- Current neonatal resuscitation and newborn care guidelines applicable to the clinical training institution.

Annexure A: Final Assessment Sheet – MRV Fellowship

A. Fellow details

Name of fellow	
Fellowship ID	
Institution / department	
Batch / year	

Component I: Multiple choice questions (25 marks)

Number of questions: _____ Marks obtained: _____ / 25 Result: ☐ Pass ☐ Fail (minimum 50% required)

Component II: Practical skills assessment (60 marks)

Case	Maximum marks	Marks obtained	Examiner signature
Case 1	20		
Case 2	20		
Case 3	20		
Total	**60**		

Result: ☐ Pass ☐ Fail (minimum 50% required)

Component III: Logbook maintenance (15 marks)

Criteria: completeness and regularity; accuracy of entries; guide verification. Marks obtained: _____ / 15 Result: ☐ Pass ☐ Fail (minimum 50% required)

Overall assessment summary

Component	Maximum marks	Marks obtained	Pass / fail

Component	Maximum marks	Marks obtained	Pass / fail
MCQs	25		
Practical skills	60		
Logbook	15		
Total	**100**		

Final result: ☐ Pass ☐ Fail (minimum 50% aggregate required)

Additional outputs (if approved by the Fellowship Committee):

_____

Certification

We certify that the above final assessment and exit examination have been conducted strictly in accordance with the approved MRV Fellowship guidelines.

Date: _____

1. Name of guide / examiner	
Signature	
2. Name of guide / examiner	
Signature	

Annexure B: Logbook Formats

B.1 Procedure log

Date	Patient ID	Procedure	Level (O/A/P)	Clinical / Sim	Outcome and reflection	Preceptor signature

B.2 Posting summary

Posting	Dates	Hours completed	Competencies signed off	Guide signature
Antenatal clinic and high-risk pregnancy clinic				
Labor room and obstetric emergency unit				
Postnatal ward and maternal care unit				
Neonatal unit / Neonatal Intensive Care Unit (NICU)				
Pediatric medical and surgical wards				
Pediatric Intensive Care Unit (PICU)				

Posting	Dates	Hours completed	Competencies signed off	Guide signature
Immunization clinic, growth monitoring and community maternal and child health services				

B.3 Case study / presentation log

No.	Date	Diagnosis / condition	Area	Guide remarks and signature

Annexure C: Certificate of Completion (format)

MALLA REDDY VISHWAVIDYAPEETH

(Deemed to be University)

This is to certify that

_____

Fellowship ID _____ has successfully completed the 26-week

FELLOWSHIP IN MATERNAL AND CHILD HEALTH CARE NURSING

at the School of Nursing Science and Technology, and has passed the final assessment and exit examination held in _____ with a total of _____ / 100 marks.

Date of issue: _____	Place: Hyderabad
Controller of Examinations	Dean, School of Nursing Science and Technology