

## FELLOWSHIP IN CRITICAL CARE OBSTETRICS

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### ABOUT THE UNIVERSITY

Malla Reddy Vishwavidyapeeth is a reputed educational institution located in Hyderabad, Telangana, India. Recognized as a “Deemed to be University under Distinct (Existing) Category,” the university offers multidisciplinary programs across medical, dental, nursing, pharmaceutical sciences, and allied health sciences. The institution emphasizes academic excellence, clinical expertise, innovation, and global collaboration in advancing healthcare education.

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### PROGRAM OVERVIEW

The Fellowship in Critical Care Obstetrics is a specialized clinical program designed to develop expertise in the management of high-risk pregnancies and obstetric emergencies.

The program focuses on:

- Principles of critical care in obstetrics
- Management of high-risk pregnancies
- Obstetric emergencies and life-threatening conditions
- Maternal resuscitation and intensive care
- Hypertensive disorders and hemorrhage in pregnancy
- Sepsis and multi-organ dysfunction in obstetrics

The program integrates **theoretical learning, intensive clinical exposure, and hands-on training**, ensuring competency in critical obstetric care.

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(Deemed to be University)

### PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Manage high-risk pregnancies and obstetric emergencies effectively.
  2. Apply critical care principles in maternal health.
  3. Provide timely intervention in life-threatening situations.
  4. Deliver evidence-based and patient-centered obstetric care.
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### PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Diagnose and manage obstetric emergencies such as hemorrhage, eclampsia, and sepsis.

2. **Critical Care Skills:** Apply ICU protocols and maternal resuscitation techniques.
  3. **Emergency Management:** Handle life-threatening maternal complications efficiently.
  4. **Risk Assessment:** Identify high-risk pregnancies and plan appropriate care.
  5. **Multidisciplinary Care:** Collaborate with intensivists, anesthesiologists, and neonatologists.
  6. **Patient Safety:** Ensure adherence to clinical protocols and safety standards.
  7. **Evidence-Based Practice:** Apply current guidelines in critical care obstetrics.
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#### COURSE OUTCOMES (COS)

- **CO1:** Understand principles of critical care in obstetrics.
  - **CO2:** Diagnose and manage high-risk pregnancies.
  - **CO3:** Handle obstetric emergencies and ICU care.
  - **CO4:** Apply maternal resuscitation techniques.
  - **CO5:** Ensure patient safety and effective clinical outcomes.
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#### PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in critical obstetric care and emergency management.
  2. Apply ICU and resuscitation techniques effectively.
  3. Integrate multidisciplinary approaches in high-risk maternal care.
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#### PROGRAM DETAILS

- **Certificate Awarded by:** Malla Reddy Vishwavidyapeeth
  - **Program Duration:** One-Year Fellowship
  - **Mode of Delivery:** Clinical Training + Intensive Care Exposure + Theoretical Learning
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#### ELIGIBILITY CRITERIA

- **Academic Qualification:** MBBS / MS (OBGY) / DNB (OBGY)
  - **Professional Requirement:** As per institutional guidelines
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#### KEY FEATURES

- Specialized training in critical care obstetrics
- Hands-on exposure to ICU and emergency obstetric care

- Focus on high-risk pregnancies and maternal emergencies
  - Training in resuscitation and life-saving interventions
  - Integration of obstetrics with critical care medicine
  - Emphasis on patient safety and rapid decision-making
  - Evidence-based clinical practice
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## LEARNING OUTCOMES

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### KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of critical care principles in obstetrics.
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### COGNITIVE SKILLS

- Clinical decision-making in emergency and high-risk situations.
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### PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in managing obstetric emergencies and ICU care.
  - Hands-on experience in critical care settings.
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### TRANSFERABLE SKILLS

- Team coordination and communication in emergency situations.
  - Clinical documentation and protocol-based care.
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### SUBJECT-SPECIFIC SKILLS

- Advanced management of high-risk pregnancies and maternal complications.
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(Deemed to be University)

## CURRICULUM MODULES – THEORY

- Principles of Critical Care in Obstetrics
  - High-Risk Pregnancy Management
  - Obstetric Hemorrhage and Hypertensive Disorders
  - Sepsis and Multi-Organ Dysfunction
  - Maternal Resuscitation and ICU Care
  - Anesthesia in Obstetrics
  - Fetal Monitoring and Emergency Interventions
  - Infection Control and Patient Safety
  - Ethical and Legal Aspects in Critical Care
  - Advances in Critical Care Obstetrics
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## PRACTICAL COURSEWORK

- Clinical training in ICU and obstetric emergency units
- Management of high-risk pregnancies and complications
- Maternal resuscitation and life-saving procedures
- Emergency obstetric interventions
- Patient monitoring and critical care management
- Case documentation and clinical evaluation
- Interdisciplinary team-based care

## CAREER OUTCOMES

Graduates of the Fellowship in Critical Care Obstetrics can pursue careers as:

- Critical Care Obstetric Specialist
- High-Risk Pregnancy Consultant
- Obstetric Emergency Care Specialist
- Clinical Practitioner in Tertiary Care Hospitals
- Maternal Health and ICU Specialist
- Academic and Research Roles in Obstetrics

