

FELLOWSHIP IN EMERGENCY CARE

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.

PROGRAM OVERVIEW

The Fellowship in Emergency Care is a one-year intensive program designed to train healthcare professionals in the comprehensive management of acute medical and surgical emergencies.

The program focuses on:

- Trauma care and resuscitation
- Advanced airway and ventilatory management
- Cardiovascular and respiratory emergencies
- Toxicology and poisoning management
- Disaster medicine and mass casualty care
- Rapid clinical decision-making in emergency settings

The program integrates **clinical rotations, simulation training, and hands-on emergency procedures**, ensuring real-time exposure to critical care scenarios.

(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Provide rapid and effective emergency medical care.
 2. Manage trauma and life-threatening conditions efficiently.
 3. Apply advanced resuscitation and airway management techniques.
 4. Deliver evidence-based and patient-centered emergency care.
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PROGRAM OUTCOMES (POS)

1. **Emergency Assessment Skills:** Perform rapid evaluation and stabilization of critically ill patients.
 2. **Trauma & Resuscitation:** Apply ATLS and ACLS protocols effectively.
 3. **Airway Management:** Master invasive and non-invasive airway techniques.
 4. **Critical Care Skills:** Manage acute cardiovascular and respiratory emergencies.
 5. **Toxicology Expertise:** Diagnose and treat poisoning and overdose cases.
 6. **Disaster Management:** Coordinate care in mass casualty situations.
 7. **Ethical Practice:** Ensure ethical and legal compliance in emergency care.
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COURSE OUTCOMES (COS)

- **CO1:** Develop expertise in triage and rapid clinical decision-making.
 - **CO2:** Perform emergency procedures including intubation and resuscitation.
 - **CO3:** Manage cardiac, respiratory, and neurological emergencies.
 - **CO4:** Handle trauma and disaster situations effectively.
 - **CO5:** Apply evidence-based emergency care practices.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in emergency and trauma care.
 2. Apply advanced life support and critical care techniques.
 3. Lead emergency response teams in high-pressure environments.
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PROGRAM DETAILS

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

- **Academic Qualification:** MBBS with MD/DNB in Emergency Medicine / Internal Medicine / Anaesthesia / Critical Care / General Medicine
 - **Professional Requirement:** As per institutional norms
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KEY FEATURES

- Intensive training in emergency and trauma care
- Hands-on exposure in Emergency Room and ICU

- Training in advanced airway and ventilatory support
 - Exposure to toxicology and disaster medicine
 - Simulation-based emergency training
 - Focus on rapid decision-making and critical interventions
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of emergency medicine principles and protocols.
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COGNITIVE SKILLS

- Rapid clinical decision-making in life-threatening situations.
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in emergency procedures and trauma management.
 - Hands-on experience in ER and ICU settings.
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TRANSFERABLE SKILLS

- Team coordination in high-pressure environments.
 - Communication and leadership in emergency care.
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SUBJECT-SPECIFIC SKILLS

- Advanced emergency and critical care techniques.
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CURRICULUM MODULES – THEORY

- Principles of Emergency Medicine
 - Airway & Ventilatory Management
 - Trauma & Resuscitation
 - Cardiovascular & Respiratory Emergencies
 - Toxicology & Poisoning
 - Neurological Emergencies
 - Disaster Medicine & Mass Casualty Management
 - Pediatric & Obstetric Emergencies
 - Ethical & Legal Aspects in Emergency Care
 - Advances in Emergency Medicine
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PRACTICAL COURSEWORK

- Clinical training in Emergency Room and ICU
- Trauma and resuscitation procedures
- Airway management and ventilatory support
- Toxicology and poisoning case management
- Disaster simulation and emergency drills
- Patient evaluation and stabilization
- Case documentation and clinical discussions

CAREER OUTCOMES

Graduates of the Fellowship in Emergency Care can pursue careers as:

- Emergency Medicine Specialist
- Trauma Care Specialist
- Critical Care Physician
- Emergency Department Consultant
- Disaster Management Specialist
- Academic and Research Roles in Emergency Medicine

