

FELLOWSHIP IN PAEDIATRIC 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 Paediatric Emergency Care is a specialized program designed to develop expertise in the rapid assessment and management of acute medical and surgical emergencies in infants, children, and adolescents.

The program focuses on:

- Pediatric emergency medicine principles
- Pediatric advanced life support (PALS)
- Trauma and injury management in children
- Airway and ventilatory support
- Pediatric medical emergencies
- Triage and rapid decision-making

The program integrates **emergency room exposure, simulation training, and hands-on clinical practice**, ensuring advanced competency in pediatric emergency care.

(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Provide rapid and effective emergency care to pediatric patients.
 2. Manage trauma and acute medical emergencies in children.
 3. Apply pediatric life support and resuscitation techniques.
 4. Deliver evidence-based and patient-centered emergency care.
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PROGRAM OUTCOMES (POS)

1. **Emergency Assessment Skills:** Perform rapid triage and stabilization of pediatric patients.
 2. **Resuscitation Skills:** Apply PALS protocols effectively.
 3. **Airway Management:** Manage pediatric airway and ventilatory support.
 4. **Trauma Care:** Handle pediatric trauma and injury cases.
 5. **Critical Care Integration:** Recognize and manage life-threatening conditions.
 6. **Multidisciplinary Approach:** Collaborate with pediatricians and emergency teams.
 7. **Evidence-Based Practice:** Apply current pediatric emergency guidelines.
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COURSE OUTCOMES (COS)

- **CO1:** Understand principles of pediatric emergency medicine.
 - **CO2:** Perform rapid assessment and stabilization of children.
 - **CO3:** Apply pediatric resuscitation and airway management techniques.
 - **CO4:** Manage trauma and medical emergencies in children.
 - **CO5:** Ensure effective emergency care and patient outcomes.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in pediatric emergency care and triage.
 2. Apply advanced pediatric life support and emergency techniques.
 3. Lead emergency response in pediatric care settings.
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PROGRAM DETAILS

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

- **Academic Qualification:** MBBS with MD/DNB in Pediatrics / Emergency Medicine / General Medicine / Anaesthesia or related specialties
 - **Professional Requirement:** As per institutional norms
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KEY FEATURES

- Specialized training in pediatric emergency care
- Hands-on exposure in pediatric emergency departments

- Training in pediatric resuscitation and airway management
 - Focus on trauma and acute care in children
 - Simulation-based emergency training
 - Integration of emergency medicine with pediatrics
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of pediatric emergency medicine principles.
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COGNITIVE SKILLS

- Rapid decision-making in pediatric emergency situations.
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PRACTICAL & PROFESSIONAL SKILLS

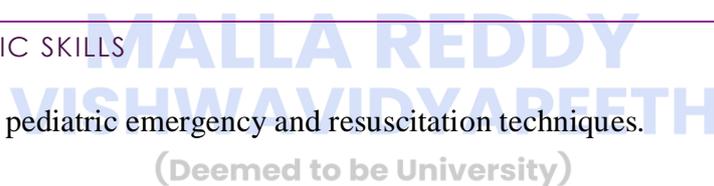
- Proficiency in pediatric emergency procedures and resuscitation.
 - Hands-on experience in emergency settings.
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TRANSFERABLE SKILLS

- Communication with children and caregivers in emergencies.
 - Team coordination in high-pressure environments.
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SUBJECT-SPECIFIC SKILLS

- Advanced pediatric emergency and resuscitation techniques.
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CURRICULUM MODULES – THEORY

- Principles of Pediatric Emergency Medicine
 - Pediatric Advanced Life Support (PALS)
 - Airway and Ventilatory Management
 - Pediatric Trauma and Injury Management
 - Medical Emergencies in Children
 - Shock and Sepsis in Pediatrics
 - Toxicology in Pediatrics
 - Neonatal Emergencies
 - Ethical and Legal Aspects
 - Advances in Pediatric Emergency Care
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PRACTICAL COURSEWORK

- Clinical training in pediatric emergency departments
 - Pediatric resuscitation and airway management
 - Trauma care and emergency procedures
 - Management of acute pediatric conditions
 - Emergency simulations and drills
 - Patient evaluation and stabilization
 - Case documentation and clinical discussions
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CAREER OUTCOMES

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

- Pediatric Emergency Specialist
- Emergency Department Consultant (Pediatrics)
- Pediatric Critical Care Specialist
- Trauma Care Specialist (Pediatric)
- Clinical Practitioner in Pediatric Hospitals
- Academic and Research Roles in Emergency Medicine

