

FELLOWSHIP IN PEDIATRIC GI & LIVER SURGERY

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 Pediatric GI & Liver Surgery is a specialized program designed to develop expertise in the surgical management of gastrointestinal and hepatobiliary disorders in infants and children.

The program focuses on:

- Pediatric gastrointestinal and hepatobiliary anatomy
- Congenital anomalies of the GI and liver systems
- Pediatric hepatobiliary and liver surgeries
- Management of pediatric liver diseases and biliary disorders
- Pediatric liver transplantation principles
- Preoperative and postoperative pediatric care

The program integrates **clinical exposure, surgical training, and hands-on procedures**, ensuring comprehensive expertise in pediatric GI and liver surgery.

(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Diagnose and manage pediatric GI and liver disorders requiring surgery.
 2. Perform pediatric hepatobiliary and GI surgical procedures.
 3. Apply advanced and minimally invasive surgical techniques.
 4. Deliver patient-centered and evidence-based pediatric surgical care.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Diagnose and manage pediatric GI and liver conditions.

2. **Surgical Skills:** Perform pediatric GI, hepatobiliary, and liver surgeries.
 3. **Advanced Techniques:** Apply minimally invasive and advanced surgical approaches.
 4. **Transplant Knowledge:** Understand pediatric liver transplant principles.
 5. **Emergency Management:** Handle pediatric GI surgical emergencies.
 6. **Multidisciplinary Approach:** Collaborate with pediatricians, hepatologists, and transplant teams.
 7. **Evidence-Based Practice:** Apply updated pediatric surgical guidelines.
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COURSE OUTCOMES (COS)

- **CO1:** Understand pediatric GI and hepatobiliary anatomy and pathology.
 - **CO2:** Perform pediatric GI and liver surgical procedures effectively.
 - **CO3:** Apply minimally invasive surgical techniques in children.
 - **CO4:** Manage congenital and acquired pediatric GI conditions.
 - **CO5:** Ensure comprehensive patient care and outcomes.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in pediatric GI and liver surgery.
 2. Apply advanced surgical and transplant-related techniques effectively.
 3. Integrate multidisciplinary approaches in pediatric surgical care.
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PROGRAM DETAILS

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

- **Academic Qualification:** MBBS with MS/DNB in General Surgery / Pediatric Surgery or equivalent
 - **Professional Requirement:** As per institutional norms
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KEY FEATURES

- Specialized training in pediatric GI and liver surgery
- Hands-on exposure to pediatric hepatobiliary procedures
- Training in congenital and complex pediatric conditions

- Focus on pediatric liver diseases and transplant care
 - Exposure to pediatric ICU and postoperative management
 - Integration of surgery with pediatric hepatology
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of pediatric GI and liver disorders.
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COGNITIVE SKILLS

- Clinical decision-making in complex pediatric surgical cases.
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in pediatric GI and liver surgical procedures.
 - Hands-on experience in OT and pediatric care units.
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TRANSFERABLE SKILLS

- Communication with children and caregivers.
 - Multidisciplinary teamwork and coordination.
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SUBJECT-SPECIFIC SKILLS

- Advanced pediatric hepatobiliary and GI surgical techniques.
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CURRICULUM MODULES – THEORY

- Pediatric GI and Hepatobiliary Anatomy
 - Congenital GI and Liver Disorders
 - Pediatric Hepatobiliary Surgery
 - Pediatric Liver Diseases
 - Pediatric Liver Transplantation
 - Minimally Invasive Pediatric Surgery
 - Emergency Pediatric GI Conditions
 - Diagnostic and Imaging Techniques
 - Postoperative Care and Complications
 - Advances in Pediatric GI Surgery
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PRACTICAL COURSEWORK

- Clinical training in pediatric GI and liver surgery units
- Pediatric hepatobiliary and GI surgical procedures
- Management of congenital anomalies
- Pediatric liver disease and transplant care
- ICU and postoperative patient management
- Case discussions and clinical evaluation
- Case documentation and surgical assessment

CAREER OUTCOMES

Graduates of the Fellowship in Pediatric GI & Liver Surgery can pursue careers as:

- Pediatric GI Surgeon
- Pediatric Hepatobiliary Surgeon
- Pediatric Liver Transplant Specialist
- Consultant in Children's Hospitals and Tertiary Care Centers
- Academic and Research Roles in Pediatric Surgery

