

FELLOWSHIP IN PAEDIATRIC SURGICAL ONCOLOGY

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.

FELLOWSHIP IN BREAST ONCO SURGE...

PROGRAM OVERVIEW

The Fellowship in Paediatric Surgical Oncology is a specialized program designed to develop expertise in the surgical management of cancers in children.

The program focuses on:

- Paediatric solid tumors (neuroblastoma, Wilms tumor, sarcomas)
- Paediatric abdominal and thoracic malignancies
- Surgical management of childhood cancers
- Minimally invasive paediatric oncological procedures
- Multidisciplinary paediatric oncology care
- Postoperative care and long-term follow-up

The program integrates clinical exposure, hands-on surgical training, and multidisciplinary care to ensure comprehensive expertise in paediatric surgical oncology.

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PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Perform paediatric oncological surgeries effectively.
 2. Manage childhood cancers with a multidisciplinary approach.
 3. Apply minimally invasive surgical techniques.
 4. Deliver patient-centered and family-oriented care.
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PROGRAM OUTCOMES (POS)

1. **Surgical Expertise:** Perform paediatric oncological procedures with precision.
 2. **Clinical Knowledge:** Manage a wide range of paediatric malignancies.
 3. **Minimally Invasive Skills:** Apply advanced surgical techniques in children.
 4. **Patient Care:** Ensure optimal perioperative and postoperative management.
 5. **Decision-Making Skills:** Handle complex paediatric oncology cases.
 6. **Research Orientation:** Contribute to advancements in paediatric oncology.
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COURSE OUTCOMES (COS)

- **CO1:** Understand paediatric oncology and tumor biology.
 - **CO2:** Perform surgical management of paediatric tumors.
 - **CO3:** Apply minimally invasive surgical techniques.
 - **CO4:** Manage complications and postoperative care.
 - **CO5:** Integrate multidisciplinary cancer treatment approaches.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in paediatric surgical oncology.
 2. Apply advanced surgical and clinical techniques.
 3. Integrate multidisciplinary approaches in patient care.
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PROGRAM DETAILS

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

- **Academic Qualification:** M.Ch/DNB in Paediatric Surgery / General Surgery / Surgical Oncology or equivalent
- **Professional Requirement:** As per institutional norms

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KEY FEATURES

- Advanced training in paediatric surgical oncology
 - Hands-on exposure to paediatric tumor surgeries
 - Training in minimally invasive paediatric techniques
 - Focus on multidisciplinary and family-centered care
 - Evidence-based surgical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of paediatric malignancies
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COGNITIVE SKILLS

- Clinical decision-making in paediatric oncology
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in paediatric oncological surgeries
 - Hands-on experience in OT and paediatric ICU
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TRANSFERABLE SKILLS

- Family communication and multidisciplinary coordination
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SUBJECT-SPECIFIC SKILLS

- Advanced paediatric surgical and oncological techniques
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(Deemed to be University)

CURRICULUM MODULES – THEORY

- Paediatric Oncology Basics
 - Solid Tumors in Children
 - Paediatric Abdominal & Thoracic Malignancies
 - Surgical Techniques in Paediatric Oncology
 - Minimally Invasive Paediatric Surgery
 - Multidisciplinary Cancer Care
 - Perioperative Care
 - Long-Term Follow-Up
 - Advances in Paediatric Oncology
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PRACTICAL COURSEWORK

- Paediatric tumor surgeries
- Minimally invasive procedures
- ICU and postoperative care
- Multidisciplinary case discussions
- Patient and family counseling
- Research and documentation

CAREER OUTCOMES

Graduates can pursue careers as:

- Paediatric Surgical Oncologist
- Paediatric Surgeon (Oncology Specialist)
- Consultant in Paediatric Cancer Centers
- Academic and Research Professional

