

FELLOWSHIP IN THORACIC ONCO 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 Thoracic Onco Surgery is a specialized program designed to develop expertise in the surgical management of thoracic cancers.

The program focuses on:

- Lung cancer and thoracic tumor surgeries
- Esophageal cancer management
- Mediastinal tumor resections
- Minimally invasive thoracic surgery (VATS, robotic)
- Surgical oncology principles and staging
- Perioperative and postoperative care

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

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(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Perform thoracic oncological surgeries effectively.
 2. Manage lung, esophageal, and mediastinal cancers.
 3. Apply minimally invasive surgical techniques.
 4. Deliver patient-centered and evidence-based surgical care.
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PROGRAM OUTCOMES (POS)

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

- **CO1:** Understand thoracic oncology and surgical principles.
 - **CO2:** Perform lung and esophageal cancer surgeries.
 - **CO3:** Apply minimally invasive thoracic 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 thoracic oncological surgery.
 2. Apply advanced surgical and minimally invasive techniques.
 3. Integrate clinical and surgical oncology approaches.
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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

(Deemed to be University)

ELIGIBILITY CRITERIA

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

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KEY FEATURES

- Advanced training in thoracic oncological surgery
- Hands-on exposure to lung and esophageal cancer surgeries

- Training in minimally invasive and robotic techniques
 - Focus on multidisciplinary cancer care
 - Evidence-based surgical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of thoracic malignancies
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COGNITIVE SKILLS

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

- Proficiency in thoracic surgical procedures
 - Hands-on experience in OT and ICU
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TRANSFERABLE SKILLS

- Patient counseling and multidisciplinary coordination
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SUBJECT-SPECIFIC SKILLS

- Advanced thoracic surgical and oncological techniques
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CURRICULUM MODULES – THEORY

- Thoracic Oncology Basics
 - Lung Cancer Surgery
 - Esophageal Cancer Management
 - Mediastinal Tumors
 - Minimally Invasive Thoracic Surgery
 - Surgical Oncology Principles
 - Perioperative Care
 - Complication Management
 - Advances in Thoracic Oncology
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PRACTICAL COURSEWORK

- Lung and thoracic tumor surgeries

- Esophageal surgical procedures
- Minimally invasive (VATS/robotic) techniques
- ICU and postoperative care
- Multidisciplinary case discussions
- Research and documentation

CAREER OUTCOMES

Graduates can pursue careers as:

- Thoracic Onco Surgeon
- Surgical Oncologist
- Consultant in Cancer Centers
- Minimally Invasive Surgery Specialist
- Academic and Research Professional

