

FELLOWSHIP IN ONCO ANAESTHESIA

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 Onco Anaesthesia is a specialized program designed to develop expertise in anaesthetic management for patients undergoing cancer-related surgeries and procedures.

The program focuses on:

- Anaesthesia for oncological surgeries
- Perioperative management of cancer patients
- Pain management in oncology
- Chemotherapy and radiation-related considerations
- Critical care in oncological patients
- Palliative and supportive care

The program integrates **clinical exposure, ICU training, and hands-on anaesthesia practice**, ensuring comprehensive expertise in onco anaesthesia.

(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Provide safe anaesthesia for cancer surgeries.
 2. Manage perioperative care in oncological patients.
 3. Apply pain management strategies in oncology.
 4. Deliver patient-centered and evidence-based care.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Manage anaesthesia for major oncological surgeries.
2. **Pain Management:** Apply acute and chronic pain management strategies.

3. **Critical Care Skills:** Manage ICU care for cancer patients.
 4. **Perioperative Care:** Address complications related to chemotherapy and radiation.
 5. **Palliative Care:** Support end-of-life care and symptom management.
 6. **Multidisciplinary Approach:** Collaborate with oncologists and surgical teams.
 7. **Evidence-Based Practice:** Apply updated guidelines in onco anaesthesia.
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COURSE OUTCOMES (COS)

- **CO1:** Understand principles of onco anaesthesia.
 - **CO2:** Perform anaesthetic management in cancer surgeries.
 - **CO3:** Apply pain management techniques in oncology.
 - **CO4:** Manage critical care in oncological patients.
 - **CO5:** Provide palliative and supportive care.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in oncological anaesthesia techniques.
 2. Apply pain and critical care strategies effectively.
 3. Integrate multidisciplinary approaches in cancer care.
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PROGRAM DETAILS

- **Certificate Awarded by:** Malla Reddy Vishwavidyapeeth
 - **Program Duration:** One-Year Fellowship
 - **Mode of Delivery:** Clinical Training + ICU Exposure + Theoretical Learning
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(Deemed to be University)

ELIGIBILITY CRITERIA

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

- Specialized training in onco anaesthesia
- Hands-on exposure in oncological OT and ICU
- Training in cancer pain management
- Focus on perioperative and palliative care
- Exposure to chemotherapy-related complications

- Integration of anaesthesia with oncology and critical care
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of anaesthesia in oncology settings.
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COGNITIVE SKILLS

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

- Proficiency in anaesthesia and pain management techniques.
 - Hands-on experience in oncology surgical settings.
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TRANSFERABLE SKILLS

- Communication and counseling skills for cancer patients.
 - Clinical documentation and multidisciplinary coordination.
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SUBJECT-SPECIFIC SKILLS

- Advanced onco anaesthesia and palliative care techniques.
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CURRICULUM MODULES – THEORY

- Principles of Onco Anaesthesia
 - Anaesthesia for Cancer Surgeries
 - Cancer Pain Management
 - Chemotherapy and Radiation Considerations
 - Critical Care in Oncology
 - Palliative and Supportive Care
 - Airway Management in Oncology
 - Complications and Risk Management
 - Ethical and Legal Aspects
 - Advances in Onco Anaesthesia
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PRACTICAL COURSEWORK

- Clinical training in oncological OT and ICU
- Anaesthesia management for cancer surgeries
- Pain management and palliative care techniques
- Management of chemotherapy-related complications
- Critical care and ventilatory support
- Patient evaluation and perioperative planning
- Case documentation and clinical evaluation

CAREER OUTCOMES

Graduates of the Fellowship in Onco Anaesthesia can pursue careers as:

- Onco Anaesthesiologist
- Cancer Pain Management Specialist
- Critical Care Specialist (Oncology ICU)
- Clinical Practitioner in Cancer Hospitals
- Academic and Research Roles in Anaesthesia

