

FELLOWSHIP IN ONCO PATHOLOGY

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 Pathology is a one-year intensive program designed to train healthcare professionals in the diagnosis and evaluation of cancers using advanced pathological techniques.

The program focuses on:

- Histopathological diagnosis of malignancies
- Tumor grading and staging
- Immunohistochemistry and molecular diagnostics
- Cytopathology in oncology
- Biomarkers and targeted therapy evaluation
- Multidisciplinary cancer care

The program integrates laboratory training, clinical exposure, and advanced diagnostic techniques to ensure comprehensive expertise in oncopathology.

Department-of-Pathology_compres...
(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Develop expertise in oncopathology diagnostics.
 2. Interpret biopsy and surgical specimens accurately.
 3. Apply immunohistochemistry and molecular techniques.
 4. Diagnose and classify tumors effectively.
 5. Integrate pathological findings with clinical oncology.
 6. Maintain quality standards in reporting.
 7. Conduct research in oncopathology.
-

PROGRAM OUTCOMES (POS)

1. **Diagnostic Expertise:** Evaluate malignancies accurately.
 2. **Laboratory Skills:** Interpret biopsy and surgical specimens.
 3. **Technical Skills:** Apply immunohistochemistry and molecular diagnostics.
 4. **Clinical Integration:** Correlate pathology with oncology findings.
 5. **Quality Assurance:** Ensure standardized reporting systems.
 6. **Research Orientation:** Contribute to advancements in oncopathology.
-

COURSE OUTCOMES (COS)

- CO1: Diagnose malignancies.
 - CO2: Interpret histopathological findings.
 - CO3: Apply immunohistochemical techniques.
 - CO4: Understand molecular diagnostics.
 - CO5: Integrate pathology with clinical oncology.
-

PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in onco pathology.
 2. Apply advanced diagnostic techniques.
 3. Integrate laboratory findings with clinical evaluation.
-

PROGRAM DETAILS

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

ELIGIBILITY CRITERIA

- Academic Qualification: MBBS with MD/DNB in Pathology or equivalent
 - Professional Requirement: As per institutional norms
-

KEY FEATURES

- Advanced training in oncopathology
- Hands-on exposure to tumor diagnostics

- Training in immunohistochemistry and molecular techniques
 - Focus on accurate cancer diagnosis and reporting
 - Evidence-based pathology practice
-

LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of cancer pathology
-

COGNITIVE SKILLS

- Analytical decision-making in oncopathology
-

PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in tumor diagnosis and lab techniques
 - Hands-on experience in diagnostic labs
-

TRANSFERABLE SKILLS

- Clinical correlation and multidisciplinary coordination
-

SUBJECT-SPECIFIC SKILLS

- Advanced oncopathology diagnostic techniques
-

CURRICULUM MODULES – THEORY

SEMESTER 1: FUNDAMENTALS OF ONCO PATHOLOGY

- Basics of Oncology
 - Tumor Biology
 - Histopathology Techniques
 - Cytopathology in Oncology
 - Laboratory Techniques
 - Clinical Rotations
-

SEMESTER 2: ADVANCED ONCO PATHOLOGY

- Tumor Classification & Staging
- Immunohistochemistry
- Molecular Diagnostics

- Biomarkers & Targeted Therapy
 - Case Studies & Reporting
 - Research Project
-

PRACTICAL COURSEWORK

- Biopsy and specimen evaluation
 - Histopathology reporting
 - Immunohistochemistry techniques
 - Molecular diagnostics
 - Case discussions
 - Research and documentation
-

CAREER OUTCOMES

Graduates can pursue careers as:

- Oncopathologist
- Diagnostic Pathologist
- Laboratory Specialist
- Clinical Researcher
- Academic and Research Professional

