

FELLOWSHIP IN GASTRO AND HEPATO 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 Gastro and Hepato Pathology is a one-year intensive program designed to train healthcare professionals in the diagnosis and evaluation of gastrointestinal and hepatobiliary diseases.

The program focuses on:

- Gastrointestinal pathology including esophagus, stomach, and intestine
- Hepatobiliary and pancreatic pathology
- Inflammatory and neoplastic disorders
- Liver biopsies and gastrointestinal specimens
- Immunohistochemistry and molecular diagnostics
- Clinicopathological correlation

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

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

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Develop expertise in gastrointestinal and hepatobiliary pathology.
 2. Perform and interpret biopsies and resection specimens.
 3. Apply immunohistochemistry and molecular techniques.
 4. Diagnose inflammatory and neoplastic conditions accurately.
 5. Integrate histopathological findings with clinical data.
 6. Maintain quality standards in reporting.
 7. Conduct research in gastro and hepato pathology.
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PROGRAM OUTCOMES (POS)

1. **Diagnostic Expertise:** Evaluate GI and liver diseases accurately.
 2. **Laboratory Skills:** Interpret biopsies and surgical specimens.
 3. **Technical Skills:** Apply immunohistochemistry and molecular diagnostics.
 4. **Clinical Integration:** Correlate pathology with clinical findings.
 5. **Quality Assurance:** Ensure standardized reporting systems.
 6. **Research Orientation:** Contribute to advancements in GI pathology.
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COURSE OUTCOMES (COS)

- CO1: Diagnose gastrointestinal and hepatobiliary diseases.
 - CO2: Interpret biopsy and resection specimens.
 - CO3: Apply immunohistochemical techniques.
 - CO4: Understand molecular diagnostics.
 - CO5: Integrate pathology with clinical practice.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in gastro and hepato pathology.
 2. Apply advanced diagnostic techniques.
 3. Integrate laboratory findings with clinical evaluation.
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PROGRAM DETAILS

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

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

- Advanced training in gastrointestinal and hepatobiliary pathology
- Hands-on exposure to biopsy and specimen evaluation

- Training in immunohistochemistry and molecular diagnostics
 - Focus on accurate diagnosis and reporting
 - Evidence-based pathology practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of GI and liver diseases
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COGNITIVE SKILLS

- Analytical decision-making in pathology diagnosis
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in specimen evaluation and reporting
 - Hands-on experience in diagnostic labs
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TRANSFERABLE SKILLS

- Clinical correlation and communication
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SUBJECT-SPECIFIC SKILLS

- Advanced GI and hepatopathology diagnostic techniques
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CURRICULUM MODULES – THEORY

SEMESTER 1: FUNDAMENTALS OF GI PATHOLOGY

- Gastrointestinal Pathology Basics
 - Esophageal & Gastric Disorders
 - Intestinal Diseases
 - Liver Pathology
 - Laboratory Techniques
 - Clinical Rotations
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SEMESTER 2: ADVANCED HEPATO & GI PATHOLOGY

- Hepatobiliary & Pancreatic Pathology
- Neoplastic Disorders
- Immunohistochemistry

- Molecular Diagnostics
 - Case Studies & Reporting
 - Research Project
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PRACTICAL COURSEWORK

- Biopsy evaluation
 - Specimen grossing and reporting
 - Immunohistochemistry techniques
 - Molecular diagnostics
 - Case discussions
 - Research and documentation
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CAREER OUTCOMES

Graduates can pursue careers as:

- Gastrointestinal Pathologist
- Hepatopathologist
- Diagnostic Pathologist
- Laboratory Specialist
- Academic and Research Professional

