

FELLOWSHIP IN GASTROINTESTINAL AND LIVER 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 Gastrointestinal and Liver Pathology is a one-year intensive program designed to train healthcare professionals in the diagnosis and evaluation of gastrointestinal and hepatic diseases.

The program focuses on:

- Gastrointestinal pathology including esophagus, stomach, and intestine
- Liver pathology including inflammatory, metabolic, and neoplastic disorders
- Hepatobiliary and pancreatic pathology
- Biopsy and resection specimen evaluation
- Immunohistochemistry and molecular diagnostics
- Clinicopathological correlation

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

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

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Develop expertise in gastrointestinal and liver pathology.
 2. Interpret biopsy and surgical specimens accurately.
 3. Apply immunohistochemistry and molecular techniques.
 4. Diagnose inflammatory and neoplastic conditions.
 5. Integrate pathological findings with clinical data.
 6. Maintain quality standards in reporting.
 7. Conduct research in gastrointestinal and liver pathology.
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PROGRAM OUTCOMES (POS)

1. **Diagnostic Expertise:** Evaluate gastrointestinal and liver diseases accurately.
 2. **Laboratory Skills:** Interpret biopsy 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 pathology.
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COURSE OUTCOMES (COS)

- CO1: Diagnose gastrointestinal and liver 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 gastrointestinal and liver 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 liver 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 gastrointestinal 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 gastrointestinal and liver pathology techniques
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CURRICULUM MODULES – THEORY

SEMESTER 1: FUNDAMENTALS OF GASTROINTESTINAL PATHOLOGY

- Gastrointestinal Pathology Basics
 - Esophageal & Gastric Disorders
 - Intestinal Diseases
 - Liver Pathology
 - Laboratory Techniques
 - Clinical Rotations
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SEMESTER 2: ADVANCED GASTROINTESTINAL & LIVER 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

