

FELLOWSHIP IN HEPATOLOGY & LIVER TRANSPLANT MEDICINE

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 Hepatology & Liver Transplant Medicine is a specialized program designed to develop expertise in the diagnosis, management, and advanced care of liver diseases, including liver transplantation.

The program focuses on:

- Liver anatomy and physiology
- Acute and chronic liver diseases
- Viral hepatitis and liver cirrhosis
- Liver failure and critical care hepatology
- Liver transplantation (pre, intra, and post-operative care)
- Immunosuppression and transplant complications

The program integrates **clinical exposure, transplant training, and multidisciplinary care**, ensuring comprehensive expertise in hepatology and liver transplant medicine.

(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Diagnose and manage a wide spectrum of liver diseases.
 2. Provide comprehensive care for liver transplant patients.
 3. Apply evidence-based hepatology and transplant protocols.
 4. Deliver patient-centered and multidisciplinary care.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Diagnose and manage acute and chronic liver diseases.

2. **Transplant Knowledge:** Understand liver transplant indications, procedures, and outcomes.
3. **Critical Care Skills:** Manage liver failure and ICU hepatology cases.
4. **Therapeutic Skills:** Apply medical and procedural treatments in hepatology.
5. **Post-Transplant Care:** Manage immunosuppression and complications.
6. **Multidisciplinary Approach:** Collaborate with transplant surgeons and critical care teams.
7. **Evidence-Based Practice:** Apply updated hepatology and transplant guidelines.

COURSE OUTCOMES (COS)

- **CO1:** Understand liver diseases and hepatology principles.
- **CO2:** Manage patients with liver cirrhosis and liver failure.
- **CO3:** Apply liver transplant evaluation and care protocols.
- **CO4:** Manage post-transplant complications effectively.
- **CO5:** Ensure comprehensive patient care and outcomes.

PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in hepatology and liver disease management.
2. Apply advanced liver transplant care and protocols.
3. Integrate multidisciplinary approaches in liver care.

PROGRAM DETAILS

- **Certificate Awarded by:** Malla Reddy Vishwavidyapeeth
- **Program Duration:** One-Year Fellowship
- **Mode of Delivery:** Clinical Training + Transplant Exposure + Theoretical Learning

ELIGIBILITY CRITERIA

- **Academic Qualification:** MD/DNB in General Medicine / Gastroenterology or equivalent
- **Professional Requirement:** As per institutional norms

KEY FEATURES

- Specialized training in hepatology and liver diseases
- Hands-on exposure to liver transplant programs

- Training in management of liver failure and cirrhosis
 - Focus on viral hepatitis and metabolic liver disorders
 - Exposure to transplant ICU and multidisciplinary care
 - Integration of medicine with transplant surgery
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of liver diseases and transplant medicine.
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COGNITIVE SKILLS

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

- Proficiency in liver disease management and transplant care.
 - Hands-on experience in hepatology units and transplant settings.
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TRANSFERABLE SKILLS

- Communication and patient counseling skills.
 - Multidisciplinary teamwork and coordination.
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SUBJECT-SPECIFIC SKILLS

- Advanced hepatology and liver transplant management techniques.
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(Deemed to be University)

CURRICULUM MODULES – THEORY

- Liver Anatomy and Physiology
 - Acute and Chronic Liver Diseases
 - Viral Hepatitis and Cirrhosis
 - Liver Failure and Critical Care
 - Liver Transplantation Principles
 - Immunosuppression and Post-Transplant Care
 - Hepatobiliary Imaging and Diagnostics
 - Portal Hypertension
 - Complications in Liver Disease
 - Advances in Hepatology
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PRACTICAL COURSEWORK

- Clinical training in hepatology units
 - Management of liver disease and cirrhosis
 - Liver transplant patient evaluation and care
 - ICU management of liver failure
 - Post-transplant follow-up and complication management
 - Case discussions and clinical evaluation
 - Case documentation and patient assessment
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CAREER OUTCOMES

Graduates of the Fellowship in Hepatology & Liver Transplant Medicine can pursue careers as:

- Hepatologist
- Liver Transplant Physician
- Gastroenterology Specialist
- Consultant in Tertiary Care and Transplant Centers
- Academic and Research Roles in Hepatology

