

FELLOWSHIP IN HEPATO BILIARY & LIVER TRANSPLANT SURGERY

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 Hepato Biliary & Liver Transplant Surgery is a highly specialized program designed to develop expertise in the surgical management of hepatobiliary diseases and liver transplantation.

The program focuses on:

- Hepatic and biliary anatomy and physiology
- Surgical management of liver, gallbladder, and biliary tract diseases
- Hepato-pancreato-biliary (HPB) surgery
- Liver transplantation procedures (donor and recipient surgery)
- Minimally invasive and advanced surgical techniques
- Preoperative and postoperative transplant care

The program integrates **clinical exposure, advanced surgical training, and hands-on transplant procedures**, ensuring comprehensive expertise in hepatobiliary and transplant surgery.

(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Diagnose and manage hepatobiliary diseases requiring surgical intervention.
 2. Perform complex HPB and liver transplant surgeries.
 3. Apply advanced surgical and minimally invasive techniques.
 4. Deliver patient-centered and evidence-based surgical care.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Diagnose and manage hepatobiliary surgical conditions.
 2. **Surgical Skills:** Perform liver resections, biliary surgeries, and transplant procedures.
 3. **Transplant Expertise:** Understand donor and recipient surgical techniques.
 4. **Advanced Techniques:** Apply minimally invasive and complex surgical approaches.
 5. **Perioperative Care:** Manage preoperative and postoperative transplant patients.
 6. **Multidisciplinary Approach:** Collaborate with hepatologists and transplant teams.
 7. **Evidence-Based Practice:** Apply updated HPB and transplant guidelines.
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COURSE OUTCOMES (COS)

- **CO1:** Understand hepatobiliary anatomy and surgical principles.
 - **CO2:** Perform HPB surgical procedures effectively.
 - **CO3:** Apply liver transplant surgical techniques.
 - **CO4:** Manage complications and postoperative care.
 - **CO5:** Ensure comprehensive surgical outcomes.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in hepatobiliary and liver transplant surgery.
 2. Apply advanced surgical and transplant techniques effectively.
 3. Integrate multidisciplinary approaches in transplant care.
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PROGRAM DETAILS

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

- **Academic Qualification:** MBBS with MS/DNB in General Surgery or equivalent
 - **Professional Requirement:** As per institutional norms
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KEY FEATURES

- Advanced training in hepatobiliary and liver transplant surgery
- Hands-on exposure to liver resections and transplant procedures
- Training in donor and recipient transplant surgeries
- Focus on complex HPB surgical conditions

- Exposure to transplant ICU and postoperative care
 - Integration of surgery with hepatology and critical care
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of hepatobiliary diseases and transplant surgery.
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COGNITIVE SKILLS

- Clinical decision-making in complex HPB and transplant cases.
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in hepatobiliary and liver transplant surgical procedures.
 - Hands-on experience in OT and transplant units.
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TRANSFERABLE SKILLS

- Communication and multidisciplinary coordination.
 - Surgical planning and patient management.
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SUBJECT-SPECIFIC SKILLS

- Advanced HPB surgical and liver transplant techniques.
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CURRICULUM MODULES – THEORY

- Hepatic and Biliary Anatomy
 - Hepato-Pancreato-Biliary Surgery
 - Liver Tumors and Surgical Oncology
 - Liver Transplantation Principles
 - Donor and Recipient Surgery
 - Immunology and Transplant Medicine
 - Preoperative Assessment and Planning
 - Postoperative and ICU Care
 - Complications in Transplant Surgery
 - Advances in HPB Surgery
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PRACTICAL COURSEWORK

- Clinical training in HPB and transplant units
- Liver resection and biliary surgical procedures
- Participation in donor and recipient transplant surgeries
- Preoperative and postoperative patient care
- ICU management of transplant patients
- Case discussions and surgical evaluation
- Case documentation and clinical assessment

CAREER OUTCOMES

Graduates of the Fellowship in Hepato Biliary & Liver Transplant Surgery can pursue careers as:

- HPB Surgeon
- Liver Transplant Surgeon
- Hepatobiliary Surgery Specialist
- Consultant in Transplant and Tertiary Care Centers
- Academic and Research Roles in Transplant Surgery

