

FELLOWSHIP IN TRANSPLANT NEPHROLOGY

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 Transplant Nephrology is a one-year advanced program designed to develop expertise in the management of kidney transplant patients.

The program focuses on:

- Pre-transplant evaluation and donor-recipient matching
- Renal transplantation principles and procedures
- Immunosuppressive therapy and monitoring
- Management of acute and chronic rejection
- Post-transplant care and long-term follow-up
- Prevention and treatment of transplant-related complications

The program integrates clinical exposure, hands-on training, and research to ensure specialization in transplant nephrology.

Department-of-Nephrology-Urolog...
(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Manage kidney transplant patients effectively.
 2. Apply immunosuppressive therapies safely and efficiently.
 3. Diagnose and treat transplant-related complications.
 4. Deliver patient-centered and evidence-based transplant care.
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PROGRAM OUTCOMES (POS)

1. **Transplant Expertise:** Master the complete kidney transplant process.
 2. **Immunotherapy Skills:** Manage immunosuppressive regimens effectively.
 3. **Complication Management:** Handle rejection, infections, and graft dysfunction.
 4. **Long-Term Care:** Ensure optimal post-transplant outcomes.
 5. **Research Orientation:** Contribute to transplant nephrology advancements.
 6. **Patient-Centered Care:** Deliver holistic transplant care.
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COURSE OUTCOMES (COS)

- CO1: Assess and manage transplant candidates and recipients.
 - CO2: Prescribe and monitor immunosuppressive therapy.
 - CO3: Diagnose and manage transplant rejection.
 - CO4: Handle transplant-related complications effectively.
 - CO5: Monitor long-term graft function and patient outcomes.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in transplant nephrology care.
 2. Apply advanced transplant diagnostics and therapies.
 3. Integrate clinical, procedural, and research-based approaches.
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PROGRAM DETAILS

- **Certificate Awarded by:** Malla Reddy Vishwavidyapeeth
- **Program Duration:** One-Year Fellowship
- **Mode of Delivery:** Clinical + Hands-on + Theoretical

(Deemed to be University)

ELIGIBILITY CRITERIA

- **Academic Qualification:** MD/MS or equivalent in Internal Medicine, Nephrology, or related fields
- **Professional Requirement:** As per institutional norms

Department-of-Nephrology-Urolog...

KEY FEATURES

- Advanced training in kidney transplantation
- Hands-on exposure to transplant procedures

- Training in immunosuppressive therapy
 - Focus on rejection management and complications
 - Evidence-based transplant care
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of kidney transplantation and immunology
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COGNITIVE SKILLS

- Clinical decision-making in transplant cases
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in transplant patient management
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TRANSFERABLE SKILLS

- Patient counseling and multidisciplinary coordination
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SUBJECT-SPECIFIC SKILLS

- Advanced transplant diagnostics and immunotherapy
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CURRICULUM MODULES – THEORY

(Deemed to be University)

- Principles of Kidney Transplantation
 - Donor-Recipient Matching & Evaluation
 - Immunosuppressive Therapy
 - Post-Transplant Care
 - Acute & Chronic Rejection
 - Transplant-Related Infections
 - Long-Term Graft Management
 - Research & Case Studies
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PRACTICAL COURSEWORK

- Transplant patient evaluation
- Immunotherapy management
- Post-transplant care monitoring

- Rejection case management
 - Clinical case discussions and research
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CAREER OUTCOMES

Graduates can pursue careers as:

- Transplant Nephrologist
- Kidney Transplant Specialist
- Clinical Consultant in Transplant Units
- Academic & Research Professional
- Specialist in Tertiary Care Hospitals



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