

FELLOWSHIP IN NEPHROLOGY & HYPERTENSION

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 Nephrology & Hypertension is a one-year advanced program designed to develop expertise in diagnosing and managing kidney diseases and hypertension.

The program focuses on:

- Chronic Kidney Disease (CKD) management
- End-Stage Renal Disease (ESRD) care
- Dialysis techniques (hemodialysis & peritoneal dialysis)
- Hypertension management (primary & secondary)
- Renal transplantation principles
- Advanced diagnostic techniques including biopsy & imaging

The program integrates clinical exposure, hands-on training, and theoretical learning to ensure high-level specialization.

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

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Diagnose and manage kidney diseases effectively.
 2. Apply advanced hypertension management strategies.
 3. Perform dialysis and related procedures.
 4. Deliver patient-centered and evidence-based care.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Manage CKD, ESRD, and nephrological disorders.
 2. **Hypertension Management:** Handle complex hypertension cases.
 3. **Dialysis Skills:** Perform and manage dialysis procedures.
 4. **Transplant Knowledge:** Understand renal transplantation processes.
 5. **Diagnostic Skills:** Utilize biopsy and imaging techniques.
 6. **Research Orientation:** Contribute to nephrology advancements.
 7. **Clinical Integration:** Apply multidisciplinary care approaches.
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COURSE OUTCOMES (COS)

- CO1: Diagnose and manage CKD effectively.
 - CO2: Manage hypertension (primary & secondary).
 - CO3: Perform dialysis procedures and manage complications.
 - CO4: Apply transplant principles in patient care.
 - CO5: Use advanced diagnostic tools in nephrology.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in nephrology and hypertension care.
 2. Apply advanced diagnostic and therapeutic techniques.
 3. Integrate clinical, procedural, and research 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
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ELIGIBILITY CRITERIA

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

Department-of-Nephrology-Urolog...

KEY FEATURES

- Advanced training in nephrology and hypertension
- Hands-on dialysis and transplant exposure

- Training in diagnostic techniques
 - Focus on CKD, ESRD, and hypertension
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of kidney diseases and hypertension
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COGNITIVE SKILLS

- Clinical decision-making in complex nephrology cases
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in dialysis and patient management
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TRANSFERABLE SKILLS

- Patient communication and multidisciplinary teamwork
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SUBJECT-SPECIFIC SKILLS

- Advanced nephrology diagnostics and interventions
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CURRICULUM MODULES – THEORY

(Deemed to be University)

- Fundamentals of Nephrology
 - Hypertension Management
 - Chronic Kidney Disease
 - Glomerular Diseases
 - Renal Imaging & Diagnostics
 - Dialysis Techniques
 - Kidney Transplantation
 - Research & Case Studies
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PRACTICAL COURSEWORK

- Dialysis procedures (hemodialysis & peritoneal)
- Renal biopsy techniques
- Hypertension case management

- Transplant patient care
 - Clinical case discussions
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CAREER OUTCOMES

Graduates can pursue careers as:

- Nephrologist
 - Hypertension Specialist
 - Dialysis Specialist
 - Transplant Care Consultant
 - Academic & Research Professional
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