

FELLOWSHIP IN PAEDIATRIC NEUROLOGY

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 Paediatric Neurology is a one-year advanced program designed to train healthcare professionals in the diagnosis and management of neurological disorders in infants and children.

The program focuses on:

- Neurodevelopmental disorders
- Epilepsy and seizure disorders
- Neuromuscular diseases
- Pediatric stroke and neurocritical care
- Neurogenetic and metabolic disorders
- Neuroimaging and electrophysiology

The program integrates clinical training, hands-on exposure, and advanced diagnostic techniques to ensure comprehensive expertise in paediatric neurology.

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

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Develop expertise in paediatric neurology.
 2. Diagnose and manage neurological disorders in children.
 3. Interpret neuroimaging and electrophysiological studies.
 4. Manage epilepsy and neurocritical conditions.
 5. Apply multidisciplinary approaches in neurological care.
 6. Provide long-term neurological follow-up and rehabilitation.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Manage paediatric neurological disorders.
 2. **Diagnostic Skills:** Interpret neuroimaging and EEG.
 3. **Therapeutic Skills:** Manage epilepsy and neurological conditions.
 4. **Critical Care:** Handle neurocritical cases effectively.
 5. **Multidisciplinary Care:** Coordinate rehabilitation and therapy.
 6. **Research Orientation:** Contribute to paediatric neurology research.
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COURSE OUTCOMES (COS)

- CO1: Diagnose paediatric neurological disorders.
 - CO2: Interpret EEG and neuroimaging studies.
 - CO3: Manage epilepsy and seizure disorders.
 - CO4: Handle neurocritical care cases.
 - CO5: Integrate clinical and diagnostic neurology practices.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in paediatric neurology.
 2. Apply advanced diagnostic and therapeutic techniques.
 3. Integrate clinical practice with neurological care.
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PROGRAM DETAILS

- Certificate Awarded by: Malla Reddy Vishwavidyapeeth
 - Program Duration: One-Year Fellowship (to be University)
 - Mode of Delivery: Clinical + Neuro Lab + Theoretical Training
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ELIGIBILITY CRITERIA

- Academic Qualification: MD/DNB Paediatrics or equivalent
 - Professional Requirement: As per institutional norms
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KEY FEATURES

- Advanced training in paediatric neurology
- Hands-on exposure to EEG and neuroimaging

- Training in epilepsy and neurocritical care
 - Focus on neurodevelopmental disorders
 - Evidence-based neurological practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of paediatric neurological diseases
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COGNITIVE SKILLS

- Clinical decision-making in paediatric neurology
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in EEG interpretation and neurological assessment
 - Hands-on experience in clinical and neuro lab settings
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TRANSFERABLE SKILLS

- Patient and family communication
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SUBJECT-SPECIFIC SKILLS

- Advanced paediatric neurology diagnostic and management techniques
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CURRICULUM MODULES – THEORY

SEMESTER 1: FUNDAMENTALS OF PAEDIATRIC NEUROLOGY

- Basics of Paediatric Neurology
 - Neurodevelopmental Disorders
 - Epilepsy & Seizure Disorders
 - Neuromuscular Diseases
 - Neuroimaging
 - Clinical Rotations
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SEMESTER 2: ADVANCED PAEDIATRIC NEUROLOGY

- Neurocritical Care
- Pediatric Stroke
- Neurogenetic Disorders

- Electrophysiology
 - Case Studies
 - Research Project
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PRACTICAL COURSEWORK

- EEG interpretation
 - Neuroimaging analysis
 - Clinical case management
 - Neurocritical care exposure
 - Case discussions
 - Research and documentation
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CAREER OUTCOMES

Graduates can pursue careers as:

- Paediatric Neurologist
- Neuro Specialist
- Clinical Researcher
- Academic and Teaching Professional

