

FELLOWSHIP IN PAEDIATRIC ENDOCRINOLOGY

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 Endocrinology is a one-year advanced program designed to train healthcare professionals in the diagnosis and management of endocrine and metabolic disorders in children.

The program focuses on:

- Growth and developmental disorders
- Diabetes mellitus in children
- Thyroid and adrenal disorders
- Puberty-related and hormonal disorders
- Metabolic and genetic endocrine diseases
- Hormonal investigations and interpretation

The program integrates clinical training, laboratory exposure, and advanced diagnostic techniques to ensure comprehensive expertise in paediatric endocrinology.

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

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Develop expertise in paediatric endocrinology.
 2. Diagnose and manage hormonal and metabolic disorders.
 3. Interpret endocrine laboratory investigations.
 4. Manage diabetes and growth-related conditions.
 5. Provide long-term care and follow-up.
 6. Integrate research into endocrine clinical practice.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Manage paediatric endocrine disorders.
 2. **Diagnostic Skills:** Interpret hormonal investigations.
 3. **Therapeutic Skills:** Manage diabetes and hormonal conditions.
 4. **Growth Management:** Address growth and puberty disorders.
 5. **Long-term Care:** Provide follow-up and counselling.
 6. **Research Orientation:** Contribute to paediatric endocrinology research.
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COURSE OUTCOMES (COS)

- CO1: Diagnose paediatric endocrine disorders.
 - CO2: Interpret hormonal investigations.
 - CO3: Manage diabetes and metabolic diseases.
 - CO4: Handle growth and puberty disorders.
 - CO5: Integrate clinical and diagnostic endocrinology practices.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in paediatric endocrinology.
 2. Apply advanced diagnostic and therapeutic techniques.
 3. Integrate clinical practice with endocrine 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 + Laboratory + 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 endocrinology
- Hands-on exposure to endocrine and metabolic care

- Training in hormonal diagnostics
 - Focus on diabetes and growth disorders
 - Evidence-based endocrine practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of paediatric endocrine disorders
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COGNITIVE SKILLS

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

- Proficiency in endocrine evaluation and management
 - Hands-on experience in clinical and lab settings
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TRANSFERABLE SKILLS

- Patient and family counselling
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SUBJECT-SPECIFIC SKILLS

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

SEMESTER 1: FUNDAMENTALS OF PAEDIATRIC ENDOCRINOLOGY

- Basics of Paediatric Endocrinology
 - Growth Disorders
 - Diabetes Mellitus
 - Thyroid Disorders
 - Hormonal Investigations
 - Clinical Rotations
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SEMESTER 2: ADVANCED PAEDIATRIC ENDOCRINOLOGY

- Adrenal Disorders
- Puberty Disorders
- Metabolic Diseases

- Genetic Endocrine Disorders
 - Case Studies
 - Research Project
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PRACTICAL COURSEWORK

- Endocrine case evaluation
 - Laboratory investigations
 - Clinical management
 - Case discussions
 - Documentation and reporting
 - Research work
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CAREER OUTCOMES

Graduates can pursue careers as:

- Paediatric Endocrinologist
- Diabetes Specialist
- Clinical Specialist
- Clinical Researcher
- Academic and Teaching Professional

