

FELLOWSHIP IN PAEDIATRIC IMMUNOLOGY

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 Immunology is a one-year advanced program designed to train healthcare professionals in the diagnosis and management of immune system disorders in children.

The program focuses on:

- Primary immunodeficiency disorders
- Autoimmune diseases in children
- Allergic disorders and hypersensitivity reactions
- Immunological laboratory investigations
- Vaccination and immunoprophylaxis
- Clinical immunotherapy and biologics

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

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

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Develop expertise in paediatric immunology.
 2. Diagnose and manage immunodeficiency and autoimmune disorders.
 3. Interpret immunological laboratory investigations.
 4. Manage allergic and hypersensitivity conditions.
 5. Apply immunotherapy and vaccination strategies.
 6. Integrate research into immunology clinical practice.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Manage paediatric immune disorders.
 2. **Diagnostic Skills:** Interpret immunological tests.
 3. **Therapeutic Skills:** Apply immunotherapy and biologics.
 4. **Preventive Care:** Manage vaccination and immunization programs.
 5. **Allergy Management:** Handle allergic and hypersensitivity conditions.
 6. **Research Orientation:** Contribute to paediatric immunology research.
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COURSE OUTCOMES (COS)

- CO1: Diagnose paediatric immunological disorders.
 - CO2: Interpret immunological investigations.
 - CO3: Manage autoimmune and allergic conditions.
 - CO4: Apply immunotherapy and preventive strategies.
 - CO5: Integrate clinical and laboratory immunology practices.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in paediatric immunology.
 2. Apply advanced diagnostic and therapeutic techniques.
 3. Integrate clinical practice with immunological 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 immunology
- Hands-on exposure to immunological diagnostics

- Training in immunotherapy and biologics
 - Focus on immune disorders and preventive care
 - Evidence-based paediatric practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of paediatric immune disorders
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COGNITIVE SKILLS

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

- Proficiency in immunological 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 immunology diagnostic and therapeutic techniques
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CURRICULUM MODULES – THEORY

SEMESTER 1: FUNDAMENTALS OF PAEDIATRIC IMMUNOLOGY

- Basics of Immunology
 - Primary Immunodeficiency Disorders
 - Autoimmune Diseases
 - Allergic Disorders
 - Immunological Investigations
 - Clinical Rotations
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SEMESTER 2: ADVANCED PAEDIATRIC IMMUNOLOGY

- Immunotherapy & Biologics
- Vaccination & Immunoprophylaxis
- Advanced Diagnostics

- Case Studies
 - Research Project
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PRACTICAL COURSEWORK

- Immunological investigations
 - Clinical case management
 - Laboratory techniques
 - Case discussions
 - Documentation and reporting
 - Research work
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CAREER OUTCOMES

Graduates can pursue careers as:

- Paediatric Immunologist
- Allergy & Immunology Specialist
- Clinical Specialist
- Clinical Researcher
- Academic and Teaching Professional



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(Deemed to be University)