

FELLOWSHIP IN ALLERGY & 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 in medical, dental, nursing, pharmaceutical sciences, engineering, and allied health sciences. The institution emphasizes academic excellence, clinical proficiency, innovation, and global collaborations, contributing significantly to advanced healthcare education and training.

PROGRAM OVERVIEW

The Fellowship in Allergy & Immunology is a specialized clinical program designed to develop expertise in the diagnosis, treatment, and management of allergic and immunological disorders. The program focuses on:

- Mechanisms of immune response and hypersensitivity
- Diagnosis and management of allergic diseases
- Asthma, rhinitis, and respiratory allergies
- Food allergies and drug hypersensitivity
- Autoimmune and immunodeficiency disorders
- Immunotherapy and advanced treatment approaches

The program integrates **theoretical learning, clinical exposure, and hands-on training**, ensuring competency in immunological and allergy care.

(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Diagnose and manage allergic and immunological disorders effectively.
 2. Apply immunological principles in clinical practice.
 3. Utilize diagnostic tools for allergy and immune system evaluation.
 4. Deliver patient-centered and evidence-based care in immunology.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Diagnose and treat allergic conditions such as asthma, rhinitis, and food allergies.
 2. **Immunological Understanding:** Apply knowledge of immune mechanisms in disease management.
 3. **Diagnostic Proficiency:** Perform and interpret allergy tests and immunological investigations.
 4. **Therapeutic Skills:** Implement pharmacological treatments and immunotherapy.
 5. **Multidisciplinary Care:** Integrate pulmonology, dermatology, and immunology in patient care.
 6. **Preventive Care:** Develop strategies for allergy prevention and patient education.
 7. **Evidence-Based Practice:** Apply research and clinical guidelines in immunological care.
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COURSE OUTCOMES (COS)

- **CO1:** Understand immune system function and hypersensitivity reactions.
 - **CO2:** Diagnose and manage common allergic disorders.
 - **CO3:** Perform allergy testing and interpret results.
 - **CO4:** Apply immunotherapy and pharmacological treatments.
 - **CO5:** Manage autoimmune and immunodeficiency conditions.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate competency in diagnosing and managing allergic diseases.
 2. Apply immunological principles in clinical and therapeutic settings.
 3. Integrate multidisciplinary approaches in allergy and immunology care.
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PROGRAM DETAILS

- **Certificate Awarded by:** Malla Reddy Vishwavidyapeeth
 - **Program Duration:** One-Year Fellowship
 - **Mode of Delivery:** Hybrid (Clinical Training + Theoretical Learning + Hands-on Practice)
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ELIGIBILITY CRITERIA

- **Academic Qualification:** MBBS / MD/DNB in General Medicine / Pediatrics / Dermatology or related fields
 - **Professional Requirement:** As per institutional and regulatory guidelines
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KEY FEATURES

- Specialized training in allergy and immunological disorders
 - Hands-on clinical exposure in allergy and respiratory care
 - Training in allergy testing and immunotherapy
 - Focus on asthma, rhinitis, and hypersensitivity disorders
 - Integration of immunology with clinical medicine
 - Patient education and preventive care strategies
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of immune system function and allergic disorders.
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COGNITIVE SKILLS

- Clinical reasoning in diagnosing and managing immunological conditions.
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in allergy testing, diagnosis, and treatment planning.
 - Hands-on experience in immunotherapy and patient care.
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TRANSFERABLE SKILLS

- Patient counseling and communication regarding allergy management.
 - Clinical documentation and reporting.
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SUBJECT-SPECIFIC SKILLS

- Integrated management of allergic and immunological diseases.
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CURRICULUM MODULES – THEORY

- Basics of Immunology and Immune System Function
- Hypersensitivity Reactions and Allergy Mechanisms
- Asthma and Respiratory Allergies
- Food and Drug Allergies
- Autoimmune Disorders
- Immunodeficiency Disorders
- Allergy Testing and Diagnostic Techniques
- Immunotherapy and Treatment Approaches

- Preventive Allergy Care and Patient Education
 - Advances in Immunology
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PRACTICAL COURSEWORK

- Clinical exposure in allergy and immunology clinics
 - Diagnosis and management of allergic conditions
 - Performing and interpreting allergy tests
 - Immunotherapy administration and monitoring
 - Patient counseling and preventive care
 - Case documentation and clinical evaluation
 - Interdisciplinary patient care
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CAREER OUTCOMES

Graduates of the Fellowship in Allergy & Immunology can pursue careers as:

- Allergy & Immunology Specialist
- Consultant in Respiratory and Allergy Clinics
- Immunotherapy Specialist
- Clinical Practitioner in Hospitals and Specialty Clinics
- Public Health and Preventive Care Specialist
- Academic and Research Roles in Immunology



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