

FELLOWSHIP IN ALLERGOLOGY

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 Allergology is a specialized clinical program designed to develop expertise in the diagnosis and management of allergic disorders affecting the respiratory tract, skin, and immune system.

The program focuses on:

- Immunology and pathophysiology of allergic diseases
- Allergic rhinitis and sinusitis
- Bronchial asthma and respiratory allergies
- Food, drug, and environmental allergies
- Allergy testing and diagnostic techniques
- Immunotherapy and long-term allergy management

The program integrates **clinical exposure, theoretical learning, and hands-on training**, ensuring comprehensive expertise in allergology.

(Deemed to be University)

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates will be able to:

1. Diagnose and manage a wide range of allergic disorders.
 2. Perform allergy testing and interpret results effectively.
 3. Apply immunotherapy and preventive strategies.
 4. Deliver patient-centered and evidence-based allergy care.
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PROGRAM OUTCOMES (POS)

1. **Clinical Expertise:** Diagnose and manage allergic rhinitis, asthma, and hypersensitivity reactions.
 2. **Diagnostic Proficiency:** Perform skin prick tests and interpret allergy investigations.
 3. **Therapeutic Skills:** Apply pharmacological and immunotherapy-based treatments.
 4. **Preventive Care:** Identify allergens and implement avoidance strategies.
 5. **Chronic Care Management:** Manage long-term allergic conditions effectively.
 6. **Multidisciplinary Approach:** Collaborate with pulmonologists, dermatologists, and immunologists.
 7. **Evidence-Based Practice:** Apply updated clinical guidelines in allergology.
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COURSE OUTCOMES (COS)

- **CO1:** Understand immunological mechanisms of allergic diseases.
 - **CO2:** Diagnose and manage allergic conditions.
 - **CO3:** Perform and interpret allergy tests.
 - **CO4:** Apply immunotherapy and treatment strategies.
 - **CO5:** Implement preventive and long-term management plans.
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PROGRAM-SPECIFIC OUTCOMES (PSOS)

1. Demonstrate expertise in diagnosing and managing allergic disorders.
 2. Apply diagnostic and therapeutic allergy techniques effectively.
 3. Integrate multidisciplinary approaches in allergy care.
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PROGRAM DETAILS

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

- **Academic Qualification:** MBBS / MD/DNB (ENT / General Medicine / Pulmonology / Dermatology) or related specialties
 - **Professional Requirement:** As per institutional guidelines
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KEY FEATURES

- Specialized training in allergy and immunology

- Hands-on exposure to allergy testing and diagnostics
 - Training in immunotherapy and preventive care
 - Focus on respiratory and environmental allergies
 - Integration of ENT, pulmonology, and dermatology
 - Emphasis on patient education and long-term care
 - Evidence-based clinical practice
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LEARNING OUTCOMES

KNOWLEDGE & UNDERSTANDING

- Comprehensive understanding of allergic diseases and immune responses.
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COGNITIVE SKILLS

- Clinical decision-making in allergy diagnosis and management.
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PRACTICAL & PROFESSIONAL SKILLS

- Proficiency in allergy testing, diagnosis, and treatment planning.
 - Hands-on experience in clinical allergology settings.
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TRANSFERABLE SKILLS

- Patient counseling and education on allergen avoidance.
 - Clinical documentation and case management.
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SUBJECT-SPECIFIC SKILLS

- Advanced allergy diagnostics and immunotherapy techniques.
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CURRICULUM MODULES – THEORY

- Basics of Immunology and Allergic Mechanisms
- Allergic Rhinitis and Sinusitis
- Bronchial Asthma and Respiratory Allergies
- Food and Drug Allergies
- Allergy Testing Techniques
- Immunotherapy and Desensitization
- Environmental and Occupational Allergies
- Pediatric Allergies
- Emergency Management of Anaphylaxis
- Advances in Allergology

PRACTICAL COURSEWORK

- Clinical training in allergy and ENT clinics
- Skin prick testing and allergy diagnostics
- Management of allergic rhinitis and asthma
- Immunotherapy administration and monitoring
- Patient counseling and preventive strategies
- Emergency management of allergic reactions
- Case documentation and clinical evaluation

CAREER OUTCOMES

Graduates of the Fellowship in Allergology can pursue careers as:

- Allergy Specialist
- Clinical Immunology Consultant
- Respiratory and Allergy Care Specialist
- Clinical Practitioner in Multispecialty Hospitals
- Academic and Research Roles in Allergology

