



MCRD
ALLERGY
Clinic



MCRD ALLERGY COURSE

CLASS SCHEDULE (FOR ENROLLED PARTICIPANTS)

Start: Tuesday, 7 October 2025

Weekly slot: Every Tuesday, two sessions — 8:00–9:00 pm and 9:00–10:00 pm (IST)
Mode (Weeks 1–7): Online (Zoom) — link will be emailed 24 hours prior
Week 8 (Hands-on): On-site at Metro Multispeciality Hospital, Sector 11, Noida

Module 1: Fundamentals of allergy and immunology — 2 hours

DAY – 1

PART-1 Dr Raj Tilak 8:00–9:00 PM(ONLINE)

Immunopathogenesis of Allergic Disease
Overview of immune mechanisms relevant to allergy
Hypersensitivity reactions (Types I–IV)
Genetic and environmental influences on allergy
Role of microbiome atopic march

PART-2 Dr Shalini Tyagi 9:00–10:00 PM(ONLINE)

Know your allergens
What are allergens, irritants and triggers
Scientific approach towards finding the inciting allergen
Heterogeneity in allergenicity, diagnosis and treatment outcomes
Aerobiology

Module 2: Clinical Spectrum of Allergic Disorders : 2 Hour

DAY – 2

PART-1 Dr Deepak Prajapat 8:00–9:00 PM(ONLINE)

Allergic Rhinitis and Sinusitis:
Pathophysiology, diagnosis, treatment and allergy testing and immunotherapy – 40 mins
Allergist's approach to AR and sinusitis – Dr Shalini Tyagi – 20 mins

PART-2 Dr Kanishka K. Singh 9:00–10:00 PM(ONLINE)

Bronchial asthma:
Clinical spectrum and diagnosis, treatment; allergy testing and immunotherapy – 40 min
Allergist's approach to BA – Dr Shalini Tyagi – 20 mins

Module 3: Clinical Spectrum of Allergic Disorders : 2 Hour

DAY – 3

PART-1 Dr Gautam Modi 8:00–9:00 PM(ONLINE)

Allergist's approach to Atopic dermatitis and urticaria – 60 min

PART-2 Dr Shalini Tyagi 9:00–10:00 PM(ONLINE)

Food allergy and intolerance – 60 mins

Module 4: Clinical Spectrum of Allergic Disorders: 2 Hour

DAY – 4

PART-1 Dr Sujatha Ramesh 8:00–9:20 PM(ONLINE)

1. Drug allergy – 40 mins
2. Insect venom allergy – 40 mins

PART-2 Dr Shalini Tyagi 9:20–10:00 PM(ONLINE)

Food allergy and intolerance – 40 mins

Metro Hospitals & Heart Institute

L-94, Sector-11, Noida | www.metrohospitals.com



Scan to learn more about
MCRD Allergy Clinic



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Module 5: Allergy Diagnostics – In Vivo Tests : 2 Hour

DAY – 5

PART-1	Dr Gautam Modi	8:00–9:00 PM(ONLINE)	PART-2	Dr Dipti Pujari	9:00–10:00 PM(ONLINE)
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Skin prick and intradermal testing – 60 mins

Patch Testing:
Provocation/Challenge Tests
Oral food and drug challenge
Bronchial provocation

Module 6: Allergy Diagnostics – in Vitro Tests : 2 Hour

DAY – 6

PART-1	Dr Deepak Prajapat	8:00–9:00 PM(ONLINE)	PART-2	Dr Shalini Tyagi	9:00–10:00 PM(ONLINE)
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Eosinophil count, Phadiatop
Total and specific IgE – 60 mins

Component-resolved diagnostics (CRD)
and basophil activation test – 60 mins

Module 7: Principles of Management – 2 Hour

DAY – 7

PART-1	Dr Sujatha Ramesh	8:00–9:00 PM(ONLINE)	PART-2	Dr Dipti Pujari	9:00–10:00 PM(ONLINE)
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Allergen Immunotherapy (SCIT):
Subcutaneous immunotherapy –
indications, protocols, safety, and efficacy
– 60 mins

Allergen immunotherapy (SLIT):
Sublingual immunotherapy – indications,
protocols, safety, and efficacy – 60 mins

Module 8: Advances in Allergy and Immunology

DAY – 8

Hands-on Training at MCRD Allergy Clinic – 9:00 AM–04:00 PM

PART-1	Dr Deepak Talwar		PART-2	Hands-on Training	
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**Biologics and Monoclonal Antibody
Therapy** – 60 mins

Skin testing techniques workshop – 60 mins
Hands-on training on SCIT & SLIT – 60 mins
Pulmonary function testing (SPIROMETRY, FeNO,
FOT) – 60 mins
Case discussions across specialties (ENT,
pulmonology, dermatology, paediatrics) – 60 mins
Controversies and clinical dilemmas in allergy
practice

**PART-2 Assessment
Methods**

Pre- and post-course MCQ tests OSCE-style practical evaluation Case-based discussion and viva Attendance and participation in workshops

**Recommended
Reading**

Middleton's Allergy: Principles and Practice WAO White Papers & Position Statements GINA and ARIA Guidelines Recent review articles and clinical updates from journals such as JACI, WAO Journal, and Allergy