

**TEAM OF EXPERTS (FACULTY)**
**DR. DEEPAK TALWAR**

MBBS, MD (TB & RD), DNB, DM (Pulmonology & Critical Care)  
**Chairman & Sr. Consultant**,  
 Pulmonology, Respiratory & Sleep Medicine, MCRD Allergy Clinic  
 Fellow, American College of Chest Physicians (USA);  
 Fellow, National College of Chest Physicians (India); Member, ERS


**DR. SHALINI TYAGI**

MBBS, MD, DNB (Paediatrics)  
**Sr. Allergist & Paediatric Pulmonologist**,  
 MCRD Allergy Clinic; European Diplomate in Paediatric Pulmonology; Certified in Allergy & Applied Immunology (EAACI & Indian College of Allergy)


**PROF. DR. RANDOLF BREHLER**

MD, PhD  
 Professor of Dermatology & Senior Physician,  
 Head – Department of Allergology, University Hospital Münster, Germany  
 Former Professor of "Food Intolerance" at the University of Applied Sciences Münster  
 Affiliations: DGAKI, ADA, European Academy of Allergy and Clinical Immunology (EAACI)


**DR. SUJATHA RAMESH**

FAAAI  
 American Board of Allergy & Immunology and Paediatrics;  
 Former Clinical Associate Professor, University at Buffalo (SUNY);  
 Fulbright Scholar; award-winning clinician-scientist with extensive publications & invited lectures


**DR. SURESH KOOLWAL**

MD, DNB (Pulmonary Medicine), FRCP  
 Professor & Head, Pulmonary Medicine, Mahatma Gandhi Medical College, Jaipur;  
 President, Indian College of Allergy, Asthma & Immunology;  
 Former Senior Professor, S.M.S. Medical College, Jaipur;  
 Fellow, Royal College of Physicians (Edinburgh) & National College of Chest Physicians;  
 Past President, Indian Association for Bronchology.


**DR. DIPTI PUJARI**

MRCGP (UK), MD, DNB, DCH, EAACI Certificate of Excellence;  
 Fellowship in Allergy & Clinical Immunology (FACI); HOD (Allergy),  
 Deenanath Mangeshkar Hospital, Pune;  
 National IAP trainer & author


**DR. S. NARMADA ASHOK**

MBBS, MD (Paediatrics)  
 Consultant Paediatrician & Director, Nalam Medical Centre & Hospital, Vellore; national faculty and contributor to IAP guidelines, textbooks and academic programs.


**DR. CHANCHAL PAL**

MBBS, MS (ENT)  
 Senior Consultant, ENT & Head-Neck Surgery, Apollo Indraprastha Hospital; pioneer in rhinology and FESS with over three decades of clinical expertise.


**DR. TAHA ASHRAF QURASHI**

MBBS, PhD, DPAA, DAA, FAII (Gold)  
 Senior Allergologist, Govt. JLNM Hospital Srinagar; specialist in drug allergy, desensitisation and biologics with multiple landmark clinical firsts.


**DR. KASYAPI**

MBBS, MS OTORHINOLARYNGOLOGY  
 Fellowship in Allergy and Clinical Immunology (Chennai)  
 Medical Director & Consultant Allergy & ENT specialist at VN Allergy & Asthma Research Centre, Chennai


**DR. GAUTAM MODI**

MBBS, FCGP, MICAII, MNCCP (India)  
 Consultant Allergologist, Modi Allergy Clinic, Patna; Convenor (East Zone), ICAAI; >10,000 intradermal/SPT tests with SCIT/SLIT immunotherapy; organised Bihar's first Allergy Workshop (2019) & Allergy Conclave (2024).


**DR. RAJ TILAK**

Paediatrician (Respirology, Vaccinology, Infectious Disease, Behavioural Paediatrics); Post-PG Fellow in Paediatric Pulmonology, PGI Chandigarh; Founder, IAP UP State Respiratory Chapter; Author of 7 books; National master-trainer


**DR DEEPAK PRAJAPAT**

DTCD, DNB, EDARM  
 Senior Consultant & Head, Pulmonology & Critical Care, Metro Cancer & Heart Institute, Delhi.  
 DNB Faculty; National & international workshops and conferences in Pulmonology;  
 Faculty in IP Fellowship programme (ICS & IAB); Member of ICS, NCCP, ISSLC, ERS, ICAAI; Published in leading journals including Respirology, ERJ, and Lung India.


**DR. KANISHKA KUMAR**

MD (Pulmonary Medicine), FIP  
 Senior Consultant, Pulmonary, Critical Care & Sleep Medicine, MCRD Allergy Clinic, Metro Hospitals, Noida. Trained in Interventional Pulmonology at Heidelberg, Germany & Marseille, France.

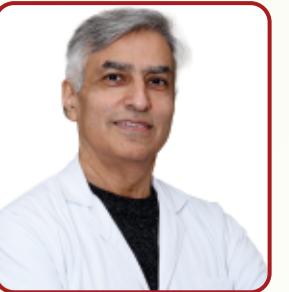

**UNDER THE AEGIS OF METRO CENTRE FOR RESPIRATORY DISEASES**

**MCRD  
ALLERGY**  
Clinic

# Certificate Course in Allergy & Applied Immunology

**Master Diagnosis, Treatment &  
Advanced Allergy Care**


## TEAM OF EXPERTS


**DR. DEEPAK TALWAR**

MBBS, MD (Tuberculosis & Respiratory Diseases), DNB, DM (Pulmonology & Critical Care)  
**Chairman & Sr. Consultant**,  
 Pulmonology, Respiratory & Sleep Medicine, MCRD Allergy Clinic  
 Fellow, American College of Chest Physicians (FACP)  
 Fellow, National College of Chest Physicians (India)  
 Member, European Respiratory Society (ERS)  
 National & International Fellowships


**DR. SHALINI TYAGI**

MBBS, MD, DNB (Paediatrics)  
**Sr. Allergist and Paediatric Pulmonologist**,  
 MCRD Allergy Clinic  
 European Diplomate in Paediatric Pulmonology  
 Certified Allergist by the Indian College of Allergy & Applied Immunology and EAACI (European Academy of Allergy & Clinical Immunology).

Renowned pulmonologist and respiratory medicine expert, **Dr. Talwar** brings decades of clinical and academic excellence, shaping advanced allergy and respiratory care at Metro Hospitals.

Expert paediatric pulmonologist and allergist, **Dr. Tyagi** specialises in diagnosing and treating complex allergic conditions in children and adults with compassion and precision.



## COURSE HIGHLIGHTS

- 12-week course with two 1:30 hour lectures every week covering foundational and advanced allergy topics
- One full day of hands-on training at MCRD Allergy Clinic focusing on applied immunology and diagnostics
- Guest lectures by Dr. Deepak Talwar, Dr. Shalini Tyagi, and other distinguished allergists
- Certificate conferred by Metro Group of Hospitals to strengthen professional credentials

## COURSE DETAILS

- Eligibility: Healthcare professionals with MBBS or equivalent qualification (Final eligibility criteria to be confirmed prior to registration)
- Registrations open from **2<sup>nd</sup> February 2026**
- Register by phone or via the MCRD Allergy Clinic web-page or Metro Hospital's website


**Course Fee: ₹25,000**

**Scan to register for the Allergy Course**

# MCRD – Certificate Course in Allergy & Applied Immunology

## Final 12 – Part Teaching Module

Time 8:30 – 10:00 pm, every Tuesday

### Module 1

#### TOPIC:- FOUNDATIONS OF CLINICAL IMMUNOLOGY IN ALLERGIC DISEASES – MODERATOR – Dr. Deepak Talwar

Speaker – Dr Narmada Ashok – 40 mins

- Immune Mechanisms in Allergy: From Innate to Adaptive Responses
- Immunopathogenesis of Allergic Diseases

Speaker – Dr Randolph Brehler – 40 mins

- Genetics, Environment & Microbiome: Determinants of Allergic Disease
- Primary Prevention of Atopic Diseases: What the Evidence Shows

3<sup>rd</sup> Feb

### Module 2

#### ALLERGEN SCIENCE: MOLECULES, SOURCES & SENSITIZATION – MODERATOR – Dr Gautam Modi

Dr. Shalini Tyagi – 50 mins

- Understanding clinical relevance of Allergens: Sources, Molecules & Cross-Reactivity

Dr Suresh Koolwal – 30 mins

- Seasonal Aeroallergen Patterns Across India
- Using Pollen Calendars for Diagnosis & Immunotherapy Planning

10<sup>th</sup> Feb

### Module 3

#### IN VIVO ALLERGY DIAGNOSTICS – MODERATOR – Dr Suresh Koolwal

Dr Shalini Tyagi – 40 mins

- Skin Prick and Intradermal Testing: Technique, Interpretation & Pitfalls

Dr Narmada Ashok – 40 mins

- Translating Skin Prick Test Results Into Clinical

17<sup>th</sup> Feb

### Module 4

#### IN VITRO ALLERGY DIAGNOSTICS & CRD – MODERATOR – Dr Suresh Koolwal

Dr Deepak Prajapat – 40 mins

- Serological Diagnosis of Allergy: Total IgE to Specific IgE

Dr Shalini Tyagi – 40 mins

- Component-Resolved Diagnostics in Daily Practice: When and How It Changes

24<sup>th</sup> Feb

### Module 5

#### SUBLINGUAL IMMUNOTHERAPY (SLIT) – MODERATOR – Dr Gautam Modi

Dr Dipti Pujari – 60 mins

- Sublingual Immunotherapy: Mechanisms, Indications & Safety
- Evidence-Based Use of SLIT in Allergic Diseases
- SLIT: Patient Selection, Dosing & Monitoring

Dr Shalini Tyagi – 20 mins

- Clinical Scenarios in Sublingual Immunotherapy

3<sup>rd</sup> Mar

### Module 6

#### SUBCUTANEOUS IMMUNOTHERAPY (SCIT) – MODERATOR – Dr Gautam Modi

Dr Sujatha Ramesh – 60 mins

- Subcutaneous Immunotherapy: Extracts, Protocols & Safety

Dr Shalini Tyagi – 20 mins

- SCIT Case Scenarios: Adjustments & Outcomes & Troubleshooting SCIT in Clinical Practice

10<sup>th</sup> Mar

### Module 7

#### ASTHMA & ALLERGEN IMMUNOTHERAPY – MODERATOR – Dr Deepak Talwar

Dr Kanishka – 40 mins

- Asthma Phenotypes & Biomarkers: Identifying Allergic Asthma

Dr Shalini Tyagi – 20 mins

- Clinical Decision-Making for AIT in Asthma

17<sup>th</sup> Mar

### Module 8

#### UPPER AIRWAY ALLERGIC DISORDERS – MODERATOR – Dr Narmada Ashok

Dr Chanchal Pal – 50 Mins

- Allergic Rhinitis CRS: ENT surgeons approach to identify underlying allergies

Dr Kasyapi Nagaraju – 30 mins

- Clinical Case Discussions in AR & CRS

24<sup>th</sup> Mar

### Module 9

#### ATOPIC DERMATITIS & URTICARIA – MODERATOR – Dr Taha

Dr Dipti Pujari – 60 Mins

- Immunopathogenesis of Atopic Dermatitis & Urticaria

Dr Shalini Tyagi – 30 Mins

- Where Does Immunotherapy Fit in Skin Allergy?

31<sup>st</sup> Mar

### Module 10

#### FOOD ALLERGY & ANAPHYLAXIS – MODERATOR – Dr Sujatha Ramesh

Dr Shalini Tyagi – 40 Mins

- Food Allergy Spectrum: IgE and Non-IgE Mediated Disorders

Dr Suresh Koolwal – 40 mins

- Anaphylaxis: Recognition, Risk Stratification & Emergency Management

7<sup>th</sup> Apr

### Module 11

#### DRUG & VENOM HYPERSENSITIVITY – MODERATOR – Dr Shalini Tyagi

Dr Sujatha Ramesh – 40 Mins

- Insect Venom Allergy: Diagnosis & Immunotherapy

Dr Taha – 40 mins

- Drug Allergy: Diagnosis, De-labeling & Patient Safety

14<sup>th</sup> Apr

### Module 12

#### INTEGRATED HANDS-ON ALLERGY PRACTICE

##### Written Examination

- Assessment of Core Competencies in Allergy Practice

##### Biologics (Dr Deepak Talwar)

- Biologic Therapies in Allergy & Asthma: Practical Selection

##### Hands-On Sessions

- Skin Prick & Intradermal Testing: Live Demonstration

##### Case Discussions

- Food Allergy Case-Based Discussions

##### Atopy Patch Testing: Indications & Technique

- Drug Allergy Case Simulations

- Setting Up an Allergy Clinic: Clinical & Medicolegal Essentials

19<sup>th</sup> Apr

### Certificate Distribution



To Learn More & Register  
92206 44226, 98101 54327



Course Fee: ₹25,000

Scan & Pay



**Metro Hospitals & Heart Institute**

L-94, Sector-11, Noida | [www.metrohospitals.com](http://www.metrohospitals.com)