



# **FELLOWSHIP IN PULMONOLOGY**

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# ABOUT MEDVARSITY

*Asia's Largest Healthcare EdTech Company*

Medvarsity is Asia's largest healthcare ed-tech company offering online and blended learning programs (Fellowship, Post-Graduate Programs and Certificate courses) for healthcare professionals. In the last five years, we have positively impacted the careers of over five lakh healthcare professionals across 192+ countries. We are a team of 300 high-energy professionals of which more than 120 team members have joined us in the last 12 months. Today, we cater to the requirements of both healthcare professionals as well as non-clinicians ensuring industry demand and skilled workforce are in a perfect state of equilibrium.

Medvarsity has won several accolades for contribution to healthcare education and healthcare technology. In 2022, Entrepreneur India and the Ministry of Electronic and Information Technology awarded us with the Best Ed-tech Deployment for higher education. In 2021, Medvarsity won Asia's Greatest Brands in education and ed-tech, an award by Asia One magazine. We are here to partner with you through that journey.



## ALUMNI

5,00,000+ medical professionals trained and certified



## COURSES

200+ courses in clinical, management and administration



## PARTNERS

Global universities and industry leaders



## PRESENCE

Students and partners from 190+ countries

Knowledge Changes Lives

# FELLOWSHIP IN PULMONOLOGY

*The Fellowship in Pulmonology is a sequence of 3 courses that together give you a comprehensive and holistic understanding of the managing principles for various pulmonary circulatory disorders, pleural disorders, neoplasms of the lung, pleura, and mediastinal tumors.*

Aside from the demand for pulmonologists created by the Covid19 pandemic, increasing air pollution levels, and decreasing personal health have also lead to a surge in respiratory disorders. This Fellowship will boost your career by advancing your skillset and medical knowledge.

The fellowship program, certified by CPD, AHERF and Medvarsity Online Limited has been created under the aegis of Course Director, Dr. Prashant Saxena, and Course Faculty, Dr. Rajneesh K. Srivastava.

This 12-month course comprises virtual learning to strengthen your clinical knowledge of respiratory disorders and clinical rotation at top hospitals to sharpen your skills, accompanied by simulation training in mechanical and non-invasive ventilation.



**DR. PRASHANT SAXENA**  
COURSE DIRECTOR

M.D (Respiratory Med.). FRCP (Edin), EDIC (Europe), FCCP(USA), EDARM (Europe), FICCM Interventional Pulmonology (Greece), Thoracoscopy (France), Pediatric Bronchoscopy (Italy)



**DR. RAJNEESH KUMAR SRIVASTAVA**  
COURSE FACULTY

Consultant Pulmonologist,  
Medanta Hospitals, Lucknow

## ACCREDITATION PARTNER



**COURSE FEE**

**₹169,000 + GST**

# PROGRAM DETAILS

## HIGHLIGHTS

- 12 month course with 12 weeks contact program in leading hospitals
- Simulation training for mechanical and non-invasive ventilation
- Focus on treating and managing complications relating to the respiratory system

## CERTIFICATION

- Each module is followed by an online test
- Final assessment includes a viva voce
- On completing the course and passing final assessment, student will be awarded a Fellowship in Pulmonology

## ELIGIBILITY

**MBBS graduates with NMC (MCI) registration**

**Completed Course 1 (Certificate Course in Pulmonology)**

**Completed Course 2 (Advanced Certificate Course in Pulmonology)**

# COURSE OUTLINE

## Module 1: Obstructive diseases of the lungs

- Asthma including allergic bronchopulmonary aspergillosis
- Chronic obstructive lung disease and diseases of small airways

## Module 2: Pulmonary Vascular Diseases

- Pulmonary hypertension and Cor pulmonale
- Pulmonary edema
- Pulmonary thromboembolic diseases, infarction & pulmonary vasculitis

## Module 3: Miscellaneous respiratory disorders

- Pleurisy
- Pneumothorax
- Chylothorax
- Haemothorax
- Empyema
- Interstitial lung disease of other etiologies
- Sleep disorders

# COURSE

## OUTLINE

### **Module 4: Neoplasms**

- Benign neoplasms of the lung
- Small and Non-small cell lung cancer
- Bronchogenic Cancer
- Mesothelioma
- Pleural tumors
- Mediastinal tumors
- Sarcoma

### **Module 5: Diagnostic procedures and treatment modalities**

- Sputum cytology/examination
- Bronchoscopy, Thoracoscopy, Pleural & lung biopsy
- Radiology and lung imaging
- Oxygen therapy
- Intercostal tube drainage
- Surfactant therapy

# COURSE OUTLINE

## Module 6: Critical Care in Pulmonary Medicine

- Principles of critical care, diagnosis, and management of complications severity of illness scoring systems
- Adult respiratory distress syndrome
- Management of sepsis
- Respiratory and hemodynamic monitoring in acute respiratory failure
- Non-invasive and Mechanical ventilation
- Ethical and end-of-life issues in critical care

## Module 7: Recent Advances in Pulmonology

## Module 8: Preventive Pulmonology

- Principles of smoking cessation and smoking cessation strategies
- Cardiopulmonary rehabilitation
- Vaccination in pulmonary diseases



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