



**FELLOWSHIP IN**  
**INFECTIOUS DISEASES**

## About Us

Medvarsity Online is Asia's largest healthcare Ed-Tech company, with over 2 lakh medical professionals trained and certified. Our partnerships with leading universities globally enable us to present the best courses and faculty to our students and help them meet their learning goals. Medvarsity is on a mission to bridge the gap of skilled medical professionals with over 150 courses in clinical & management areas for doctors, nurses, and general management personnel, covering specialties like Diabetes, Emergency Medicine, Cardiology, Nutrition, Wellness, Healthcare Informatics, Mental Health & more, with all the content being up-to-date.

Medvarsity has presence across 10 locations in India and students across India, Middle East, Africa, and South-East Asia. Our blended training solutions combine the best of traditional e-learning, live virtual classes, clinical bedside learning, mobile learning models to deliver impactful courses to our students.

## Course Overview

The 'Fellowship in Infectious Diseases' course is designed to enable healthcare professionals to enhance their knowledge of infectious diseases and introduce them to the essential aspects of public health control of infectious diseases, including surveillance, screening, epidemiology, vaccination and outbreak control.

## Course Objectives

- A broad understanding of the principles of infectious disease epidemiology and control
- An understanding of the purpose of surveillance and key features of an effective surveillance system.
- An understanding of the investigation techniques in an outbreak and identifying the most appropriate control and prevention approaches
- An understanding of the pharmaceutical and non-pharmaceutical infectious disease control measures
- An understanding of the challenges in infectious diseases with a particular focus on emerging infections
- A deeper understanding of the individual disease dynamics and control activities.

## Course Outline

### Session 1

#### *Introduction to Infectious Diseases*

Introduction to infectious diseases and epidemiology  
Surveillance of infectious diseases  
Outbreak investigation

### Session 2

#### *Pharmacological & Non-Pharmacological Infections*

Pharmacological interventions for infectious disease control  
Non pharmacological interventions for infectious

### Session 3 - *Vaccinology*

Introduction of vaccines and vaccine-preventable diseases  
Current challenges to infectious diseases control

### Session 4 - *Sexually Transmitted Infections*

Sexually transmitted infections  
HIV management and control in India

### Session 5 - *Influenza*

### Session 6 - *Tuberculosis*

### Session 7 - *Hepatitis*

### Session 8 - *Epidemic Vector-Borne Diseases*

Vector-borne diseases  
Food and water borne infections

### Session 9 - *Hospital Acquired Infections*

Hospital acquired infections including NDMA

### Session 10 - *Travel Associated Infections*

### Session 11 - *Emerging Infectious Diseases*

Polio, rabies, encephalitis

### Session 12 - *Zoonotic Infections*



## Course Highlights

61 Hrs (Learning Content)

Webinars by renowned clinicians

Understand the principles of infectious disease control

Faculty support from UNSW and Apollo Institute of

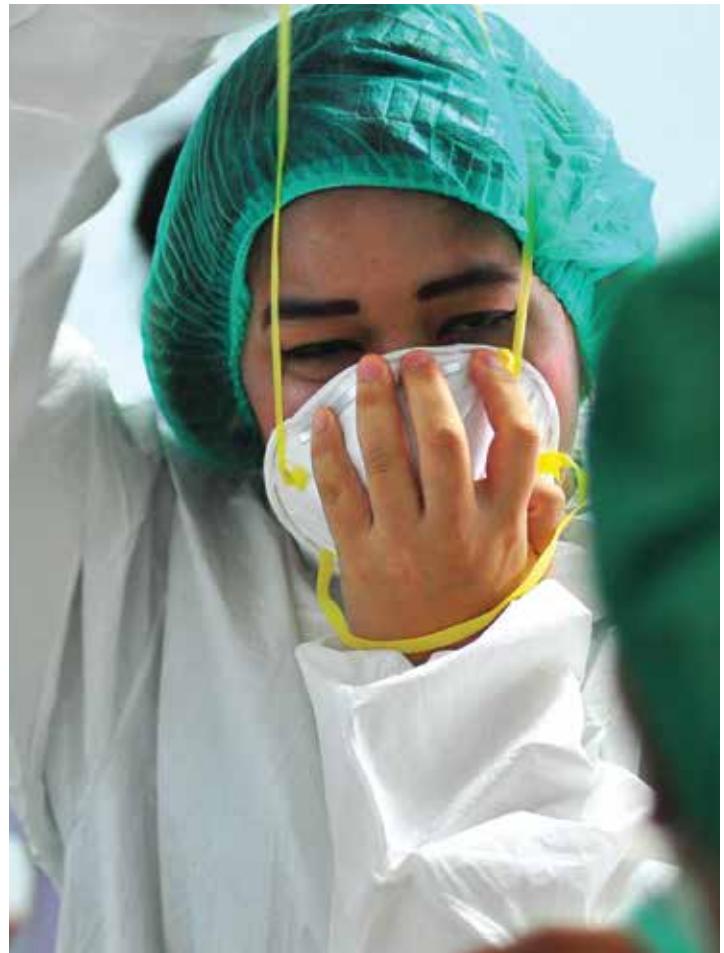
Medical Sciences & Research (AIMSR)

## Eligibility

Any MBBS graduate registered with a State Medical Council or the Medical council of India (MCI), AYUSH doctors, MBBS & AYUSH interns, Nurses, Public Health Managers (MPH) & Microbiologists (BSc & MSc).

## Duration:

1 year, 61 Hrs (Learning Content)



## Training and Learning Methodology:

### Online Learning

The online learning program will be for a duration of 61 Hours. The online content shall be in the form of e-books, recorded videos of lectures. A login username and password will be provided to access the content of the learning management system. You can access the course content on a computer or mobile phone at your convenience.

### Live Virtual Classes (Webinars)

With healthcare industry undergoing so many advancements, staying updated about latest trends, technologies and guidelines have become vital. Additionally, having these updates through a healthy discussion with experienced clinicians will be the focus of our learning curriculum. Live virtual classes will provide an opportunity for the participants to listen to expert presentations and interact with them through webinars.

### Assessment & Certification

- The course is divided into 12 study modules each having an assessment. All these assessments are online and objective.
- The final examination will be conducted online at the end of 1 year following the completion of all the Module tests.
- A minimum of 60% is required in the module tests and the Final Test to be eligible for certification
- On successful completion of the final exam, candidates will be awarded a certificate by Medvarsity & UNSW.



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