

ADVANCED CERTIFICATE IN

**INFECTION PREVENTION  
AND CONTROL EDITION II**

## 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.

## Value Proposition

Structured Program

- Streamlined content and optimized course sequence
- Melding of basic science and clinical concepts throughout the curriculum

Lectures by eminent faculty

- Live sessions and virtual classroom sessions by most experienced and distinguished faculty.

Interactive Multimedia Content

- Learning from multimedia resources like e-books, Power-Point Presentations and videos.

## Eligibility:

Healthcare professionals (doctors, nurses, dentists, physiotherapists, nutritionists, paramedical and technical staff).

Hospital administrators and other administrative staff involved in managing infection prevention and control activities in healthcare settings.

Practitioners specially focused on infection control including Microbiologists, Infection control nurses and nurse administrators.

## Duration:

Level 1:

Certificate in Infection Prevention and Control:

1 month

Level 2:

Advanced Certificate in Infection Prevention and Control:

1 month

## Course Objectives:

By the end of the Master Class in IPC, learners will be able to:  
Identify sources and the various ways by which infections may be transmitted.

- Take preventative measures and remedial actions to help prevent transmission of infections.
- Plan a comprehensive infection prevention and control program in healthcare settings.
- Design a surveillance system.
- Interpret infection control data.

## Course Description

The Master Class in Infection Prevention and Control course will explain the importance of Infection Prevention and Control in hospitals and the best practices in avoiding hospital-acquired infections among patients and healthcare workers. The topics included in this course talk about how and why infections occur in hospitals, and ways to avoid such infections in the first place. The course also covers the ways of handling biomedical and hazardous wastes and methods of disinfecting the hospital environment.

The IPC certification will help validate the student's academic knowledge and provide them with credentials in infection prevention and control.

## PROGRAM MODULES

### *Certificate in Infection Prevention and Control*

- Healthcare Associated Infections: Their Impact and Significance
- Infection Prevention and Control Program
- Prevention of HAI
- Protection of Health Care Worker
- Infection Control Practices to Prevent Infections from the Environment
- Cleaning Disinfection and Sterilization
- Surveillance of HAI
- Outbreak Investigation

### *Advanced Certificate in Infection Prevention and Control*

- Types of HAI and surveillance methods
- Epidemiological investigation
- Antibiotic and antibiotic resistance
- Prevention of HAI –bundle concept, risk assessment, team building, audits, specialised settings
- CSSD – Planning, Construction, Operations, Quality control
- Best practices in IPC-Sustenance of program, communication, quality performance and improvement

## **Learning methodology:**

### *Online Learning*

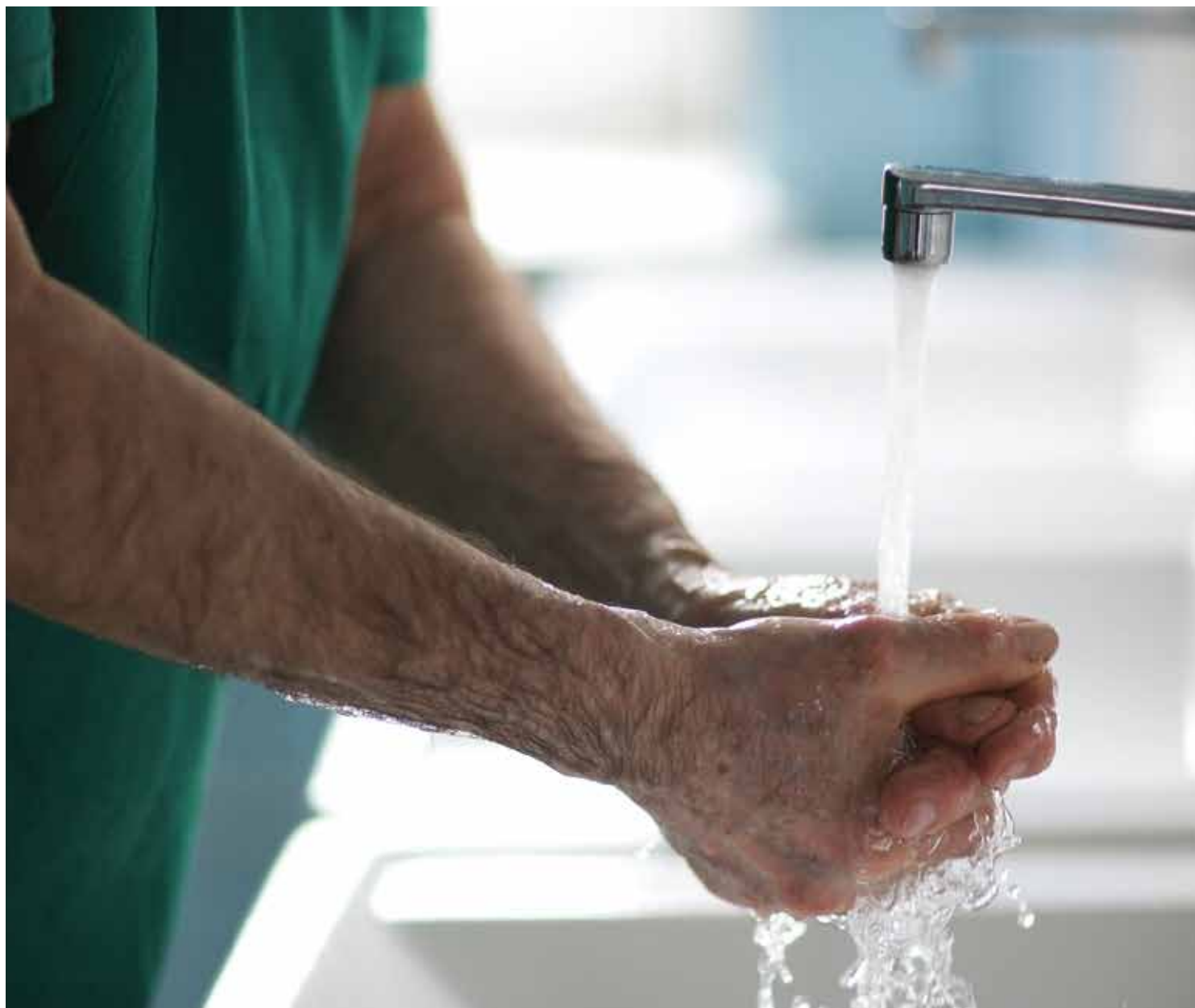
The online learning program will be for a duration of 40 Hours. The online content shall be in the form of e-books, case studies, animations on concepts, recorded videos of lectures covering the module content supported by live lectures during the program. A login username and password will be provided 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*

- All the assessments are online and objective.
- The final examination will be conducted online.
- A minimum of 50% 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 certificates by Medvarsity.





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