



MANIPAL
ACADEMY of HIGHER EDUCATION
(Institution of Eminence Deemed to be University)



Clinical and Diagnostic Virology

1st to 20th September 2024

Certificate Course

Experts Handling the Course



Dr. R. K. Ratho
Professor & Head, Department of Virology
PGIMER, Chandigarh



Dr. Reeta S. Mani
Professor & Head, Department of Neurovirology
NIMHANS, Bengaluru



Dr. Sanjay Bhattacharya
Consultant Microbiologist
Tata Medical Centre, Kolkata



Dr. Manjunatha MV
Associate Professor, Department of
Neurovirology, NIMHANS, Bangalore



Dr. Roger Hewson
Professor of Molecular Virology, London
School of Hygiene & Tropical Medicine, London



Dr. Chiranjay Mukhopadhyay
Director, Manipal Institute of Virology
Coordinator, Center for Emerging and
Tropical Diseases, MAHE, Manipal

ABOUT US

Manipal Institute of Virology (MIV) is a NABL accredited laboratory as per ISO 15189:2012 in the field of medical testing for disciplines of viral serology and molecular testing. MIV has a Biosafety level-2 (BSL-2) laboratory equipped with the latest and technologically advanced instruments.

COURSE OBJECTIVES

To train participants in

- ✓ Clinical and Diagnostic Virology
- ✓ Research in Clinical Virology
- ✓ Quality control in a diagnostic virology laboratory

ELIGIBLE PARTICIPANTS

Postgraduate (MD) Microbiology students and faculty with MD in Microbiology/Medicine and other similar clinical specialities or DM in Infectious diseases, and Foreign Medical Graduates.

COURSE HIGHLIGHTS

- Basic virology
- Advanced virology
- Immunology
- Clinical rounds & Case discussions
- Visit to specialized facilities
- Outbreak Investigation (Mock drill)



Scan for location

SELECTION CRITERIA

First come first serve basis.

Please send a request letter for enrollment from the head of the institution to MIV office by e-mail.

COURSE CERTIFICATION

Participants will be awarded a certificate of completion from Manipal Institute of Virology (MIV), a constituent institute of the Manipal Academy of Higher Education, an Institute of Eminence (IoE).

COURSE FEES

INR 15,000/- (General Category)
USD 250 (NRI/ Foreign Category)

Accommodation charges not included

REGISTRATION LINK

<https://sis.manipal.edu/CertificateCourses.aspx>

Course code: C98

MAXIMUM INTAKE

The number of participants is limited to 20

Course Coordinator:

Dr. Amrita Pattanaik, Assistant Professor, MIV



Scan to register

TRAINING OUTCOMES

- ✓ **Comprehensive Understanding of Virology**
Participants will gain a solid foundation in both basic and advanced virology concepts, including viral structure, replication, pathogenesis, and the interaction of viruses with host cells.
- ✓ **Enhanced Immunological Knowledge**
Trainees will develop an in-depth understanding of the immune response to viral infections, including the mechanisms of viral evasion and the role of the immune system in controlling and eliminating viral pathogens.
- ✓ **Clinical Proficiency in Virology**
Through clinical rounds and case discussions, participants will acquire the ability to diagnose and manage viral infections in clinical settings, applying theoretical knowledge to real-world scenarios.
- ✓ **Exposure to Specialized Facilities and Techniques**
Visits to specialized virology facilities will provide hands-on experience with state-of-the-art diagnostic tools and research methodologies, enhancing practical skills and technical competence.
- ✓ **Outbreak Investigation and Response Skills**
The outbreak investigation mock drill will equip trainees with the skills to effectively respond to viral outbreaks, including outbreak detection, data collection, analysis, and implementation of control measures.
- ✓ **Interdisciplinary Collaboration and Communication**
Through various course components, participants will improve their ability to work collaboratively in multidisciplinary teams, communicate findings, and contribute to public health strategies for managing viral diseases.

Glimpses of the course conducted prior

