



CERTIFICATE PROGRAMME IN MOLECULAR VIROLOGY TECHNIQUES

Course duration	: 170 hours
Course start date	: 18 th June 2024
Course end date	: 17 th July 2024
Mode of training	: Offline
Link to apply	: https://forms.gle/FNk3ysKQFu1ZDVVRA
Course fees	: Rs.23,600/-
Last date for application	: 15 th June 2024 upto 17:00 hrs
Course intake	: 05

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About the programme:

The certificate programme in Molecular Virology Techniques is a 170 hours hands-on training programme with a focus to develop a pool of highly skilled manpower to meet the requirements of pharma companies, diagnostic laboratories, R&D organisations and to equip the post-graduate students for higher studies in life sciences. Currently, the opportunity for such a training programme is very limited and Institute of Advanced Virology (IAV) aims to plug this gap by providing intensive lab oriented hands-on training programme in dedicated research laboratory.

Programme outcomes:

Through this training programme, institute aims at creating a pool of skilled scientific and technical personnel in Molecular Virology by introducing them to the Molecular Virology techniques and to equip them to meet the local, national and global needs.

Eligibility criteria:

M.Sc in Life Sciences

B.Tech/M.Tech in Biotechnology and allied subject areas

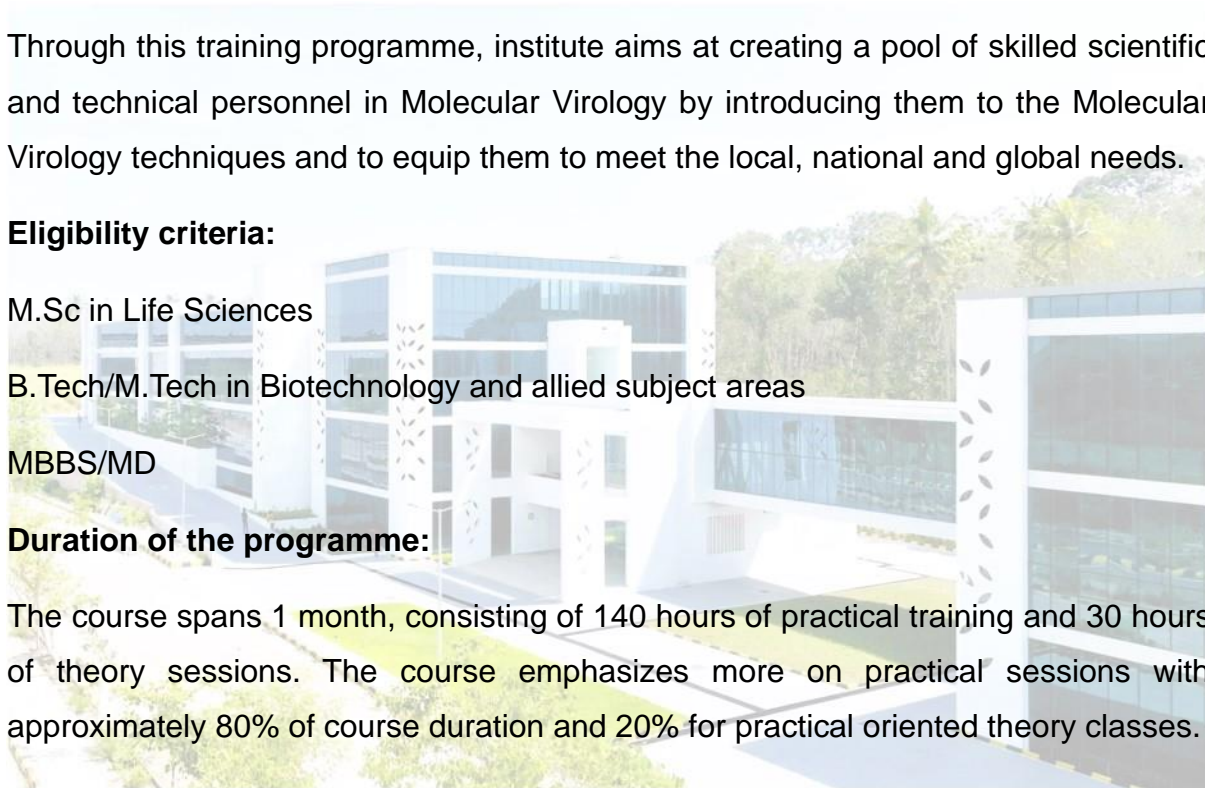
MBBS/MD

Duration of the programme:

The course spans 1 month, consisting of 140 hours of practical training and 30 hours of theory sessions. The course emphasizes more on practical sessions with approximately 80% of course duration and 20% for practical oriented theory classes.

Training duration:

- Practical: 140 hours
- Theory: 30 hours
- Total: 170 hours



Course syllabus:

- Laboratory induction
- Virus isolation demonstration
- Protein estimation assays
- SDS PAGE
- Western Blot
- IFA and imaging
- Nucleic acid Isolation
- cDNA synthesis
- Primer design basics and Real Time PCR
- IPR & Entrepreneurship

Certification:

Certification will be done by IAV after successful completion of training and evaluation process.

Procedure for application:

- i) Application has to be submitted through online link provided
- ii) The course fee has to be remitted through SBI-SB Collect option.

Login in to:	https://www.onlinesbi.sbi/sbicollect/icollecthome.htm
Select	Educational Institutions
Select	Institute of Advanced Virology
Select	Fees – Hands on training
Make payment for	Rs.23,600/-

- i) The selection for the course will be on first come first serve basis. Course fees of selected candidates will not be refunded.
- ii) The DU number generated after completion of the payment has to be entered in the relevant column in the application. Application without remittance of course fees will not be considered.

- iii) This institute does not have any hostel facility hence the applicants shortlisted to undergo training programme have to make their own arrangement for commute and accommodation.

