

CERTIFICATE PROGRAMME

IN

CELL CULTURE TECHNIQUES

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| Course duration | : 180 hours |
| Course start date | : 1st August 2024 |
| Course end date | : 5 th September 2024 |
| Mode of training | : Offline |
| Link to apply | https://forms.gle/pcQtLQdBTNwBmuPH7 |
| Course fees | : Rs.29,500/- |
| Last date for submission for application | : 30 th July 2024 upto 17:00 hrs |
| Course intake | : 05 |

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About the programme:

The certificate programme in Cell Culture Techniques is a 180 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 laboratories.

Programme outcomes:

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

Eligibility criteria:

M.Sc/B.Sc in Life Sciences

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

MBBS/MD

Duration of the programme:

The course spansare of 180 hours, 145 hours of practical training and 35 hours of theory sessions. The course emphasizes more on hands-on training with approximately 80% of the course duration dedicated for practical sessions.

Training duration:

- Practical: 145 hours
- Theory: 35 hours
- Total: 180 hours

Course syllabus:

- Laboratory induction
- Overview of cell culture
- Media preparation
- Cell revival
- Sub culturing
- Cell counting
- Transfection and lysate preparation
- Cryopreservation & transportation basics
- MTT ASSAY
- Viruses & Infections
- 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.

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| Login in to: | https://www.onlinesbi.sbi/sbicollect/icollecthome.htm |
| Select | Educational Institutions |
| Select | Institute of Advanced Virology |
| Select | Fees – Training Programme |
| Make payment for | Rs.29,500/- |

- iii) The selection for the course will be on first come first serve basis. Course fees of selected candidates will not be refunded.

- iv) 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.
- v) 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.