



CSIR Integrated Skill India Initiative



Training Programme in High end equipments for clinical applications- Optical Microscopy

Code: IICB-BME-01-HEOM

CSIR-IICB, Kolkata will offer a training course in 'High end biomedical equipment – Optical Microscopy' to generate human resources that are employment-ready for the requirements of biomedical research facilities in various educational and research institutions. This program aims at training the participants in basic principles and applications of modern optical microscopy in clinical diagnostics and biomedical research. After successful completion of the course students will become eligible for engagement as operators in respective technologies in clinical laboratories, pharmaceutical industries and R&D institutions. The course may also serve as an enabling expertise for students eager to pursue biomedical research in national and international institutions for biomedical research. The course is modular and one may opt for one or more of the three technologies offered – the choice module should be specified in the application.

Educational Qualifications : UG or PG (in any branch of Science/Technology/Pharmacy) (Pursuing/ Completed degree)

Venue Of the course : CSIR-IICB (Both Jadavpur and TRUE Campus)

Duration : 2 weeks(16th February 2026-27th February 2026)

Sponsorship : Established public/private sectors are welcomed to sponsor candidates of their interest.

Course Fees : Rs 5000/- (Inclusive of GST)

Training Curriculum for Course:

Advanced optical microscopy - principles, basic techniques, multidimensional and multicolour contexts, time lapse imaging, confocal imaging , high resolution and super resolution imaging, image processing and software.





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Salient Features of the course:

- ☐ Equal priority to theory and practical sessions
- ☐ Tutorials will be provided by eminent scientists of biology background
- ☐ Hands-on training on relevant instruments
- ☐ Professional skill development, case study, evaluation and certification
- ☐ Lectures, assisted with multimedia aids
- ☐ Case studies
- ☐ Group discussions/interactive sessions
- ☐ **Seats Available : 10 (Shortlisting will be based on first come-first serve policy and eligibility criteria of the course)**
- ☐ Due to limited availability of seats, early registration through online application is recommended .
- ☐ **Candidates can apply for multiple courses. In such cases, shortlisting will be based on fulfilment of eligibility conditions, availability of seat and number of single choice applicants for the course**
- ☐ Admission process is completely online including the payment of fees.
- ☐ Once a candidate is shortlisted for a particular course, any request for change of course will not be accepted .
- ☐ Candidates cannot take admission simultaneously in two different courses
- **Refunds to the enrolled candidates will be made by the institute in case of cancellation of the course due to low batch strength. Such candidates will be informed about withdrawal of course and refund of fees within stipulated time.**

