



CSIR Integrated Skill India Initiative



Training Programme in High end equipments for clinical applications-Flow Cytometry

Code-IICB-SDP-HEIFC

CSIR-IICB, Kolkata will offer a training course in 'High end biomedical equipments – Flow cytometry 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 flow cytometry in clinical diagnostics and biomedical research. After successful completion of the course students will become eligible for engagement as core 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.

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

Venue Of the course : CSIR-IICB-TRUE CAMPUS, Salt Lake

Duration : 2weeks(16th June 2025-27th June 2025)

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

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



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Training Curriculum for Course:

Advanced training in flow cytometry - principles, immuno-phenotyping , intracellular protein detection, cell death/survival assays, probe-based techniques, applications in hematology and tissue transplantation, cell sorting, customized methodologies

Salient Features of the courses:

- ☐ Theory and practical sessions are per the course curriculum
- ☐ Hand-out information on teaching modules
- ☐ Lectures includes the entire process of routine clinical chemistry with multimedia aids
- ☐ Hands on training through several practical classes in laboratories
- ☐ Exposure to all relevant instruments
- ☐ Continuous assessment through theoretical assignments & practical examinations for evaluation
- ☐ A certificate will be issued to the successful candidates
- ☐ **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 (maximum 3). 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.**