

## Skill Development Programs of CSIR-IICB Under CSIR-Integrated Skill Initiative

CSIR-Indian Institute of Chemical Biology (CSIR- IICB), Kolkata, is one of the premier biomedical research laboratories in India under the umbrella of Council of Scientific and Industrial Research (CSIR). CSIR-IICB has started the CSIR-Integrated Skill Initiative program under the aegis of “ Skill India” mission of Government of India by offering number of skill development courses. The courses are aimed at enabling the unskilled Chemical and Biological Science graduates and postgraduates to acquire necessary skills to become highly skilled workforce in India.

### Offered training Courses

- ❖ **Clinical Biochemistry, Microbiology, and Pathology Techniques for Biomedical applications**
- ❖ **Advanced Bioinformatics**
- ❖ **High-end equipments for clinical applications-Flow Cytometry**
- ❖ **High-end equipments for clinical applications-Optical Microscopy**
- ❖ **Separation Techniques (Organic molecules)**
- ❖ **High Performance Liquid Chromatography**
- ❖ **X-Ray Crystallography-Protein**
- ❖ **X-Ray Crystallography-Small molecules**
- ❖ **Molecular Cloning, Protein Expression and Structural Characterization**
- ❖ **Real time RT-PCR**
- ❖ **NMR Spectroscopy**
- ❖ **Gas Chromatography – Mass Spectrometry**
- ❖ **Liquid Chromatography – Mass Spectrometry**
- ❖ **Techniques for 3D structure reconstruction from Cryo EM dataset of biological samples**

### HIGHLIGHTS

- ✓ *Scientific skill enabled training to maximise competency development and technically inclined with certifications and hands-on experience.*
- ✓ *Training with high end R&D laboratory by expert faculty members.*
- ✓ *Both Theoretical and Practical Session (as per the course curriculum)*
- ✓ *Small group for individual attention*
- ✓ *Evaluation based on Theory and Practical*
- ✓ *Theoretical Session through Webinar*

### Important Details

- **Online Application:** : 29<sup>th</sup> July to 17<sup>th</sup> Aug 2024(5pm)
- **Course Fee:** Rs 5000/- to Rs 6,000/- (Inclusive of GST) (as per course chosen by candidate)
- **Training Session Duration:**  
For RTPCR: 01 week (09<sup>th</sup> Sept to 13<sup>th</sup> Sept 2024)  
For Other Courses: 2 weeks (02<sup>nd</sup> Sept to 13<sup>th</sup> Sept 2024) excluding Saturdays & Sundays
- **Qualification:** UG or PG (in any branch of Science/Technology/Pharmacy)(Pursuing/ Completed degree) (as per course chosen by candidate)
- **For selected candidates only :** Submission of Course fee by bank transfer from 23rd Aug to 27th Aug 2024
- **For waiting candidates (if declared):** Submission of Course fee by bank transfer from 28th Aug to 30th Aug 2024
- **No accommodation will be provided**
- **Non-refundable fees once paid**
- **Refunds to the enrolled candidates will be made by the institute in case of cancellation of the course due to low batch strength**

- ❖ Candidates interested in the above course(s) need to apply through online (<https://iicb.res.in/sdp>)
- ❖ **For admission – Besides educational eligibility requirements, Candidate must have received atleast single dose of COVID vaccine approved by Govt of INDIA**
- ❖ Necessary permission should be provided by Employer/Director/Manager/CEO/Principal/DEAN/HOD (**wherever applicable**) in the **prescribed format (Available in website)**.
- ❖ Candidates will not be provided TA/DA for participation in the courses.
- ❖ Selected participants have to make payment by Online Transfer through payment portal provided at website.
- ❖ For other queries, please send email to [artigrover@iicb.res.in](mailto:artigrover@iicb.res.in) or call at 03324995915