

CSIR Integrated Skill India Initiative

Certificate Courses on Clinical Biochemistry, Microbiology and Pathology Techniques for Biomedical Applications

Code – IICB-CB-01

CSIR-IICB proposes one training course in on Clinical Biochemistry, microbiology, and pathology Techniques for biomedical applications to generate skilled human resources. The dearth of proper & expert pathology technicians within the arena of Medical Services coupled with a low livelihood opportunities for the youth is the main motivation behind designing the course. The courses are targeted to candidates having a biological background. Such a course can provide excellent opportunities for the youth as well as bridge the gap in medical services of our country

Educational Qualifications	: H.S./B.Sc./DMLT with life science/Biotechnology
Venue Of the course	: CSIR-IICB
Age Group	: 18 and above
Partner	: CMRI, Kolkata
Training Curriculum	: The course structure consists of both theoretical and hands on-training. It includes the entire process of routine clinical chemistry followed in the clinical laboratories to provide medical service.

- ✓ Basic introduction to clinical laboratory .
- ✓ Introduction to basic laboratory instruments .
- ✓ Clinical Biochemistry .
- ✓ Clinical Immunology and Endocrinology
- ✓ Diagnostics
- ✓ Histopathology and cyto technology
- ✓ Microbiology
- ✓ Organization and Management of laboratory
- ✓ Quality control
- ✓ Short internship programs in various clinical laboratories
- ✓ Communication skill
- ✓ Preparation for interview

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
- Real life exposure to clinical laboratories for understanding of the routinely used diagnostics
- Short internship programs in various clinical laboratories at Kolkata
- skill development in communication
- Preparation for interview
- A certificate will be issued to the successful candidates