

Liquid Chromatography – Mass Spectrometry (LC-MS)

Code – IICB-LCMS

LC-MS is an indispensable analytical technique frequently used in chemical synthesis, drug discovery program, forensic department etc. CSIR-IICB will offer a course on LCMS under the skill development program initiated by Govt. of India. This expanded analytical science training programme will develop your practical analytical knowledge and techniques for self sustainability.

Educational Qualifications : B.Sc/B.Pharm/M.Sc/M.Pharm/
B.Tech/M.Tech/PhD(Pursuing/Completed Degree)

Venue Of the course : CSIR-IICB, Jadavpur Campus

Age Group : 18 and above

Duration : 2 weeks(08th Sept 2025-19th Sept 2025)

No. of seats : 10

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

Venue of the Course : CSIR-IICB, Jadavpur Campus

Training Curriculum for Course:

- ✓ Principles and practical aspects of liquid chromatography
- ✓ Method development
- ✓ Sample preparation
- ✓ Modes of LCMS
- ✓ Qualitative and quantitative analysis
- ✓ Spectral interpretation of LC-MS
- ✓ Hands on training
- ✓ MS applications in Drug Discovery
- ✓ Introduction to MALDI-MS

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Salient Features of the course:

- ☐ Equal priority to theory and practical sessions
- ☐ Tutorials will be provided by eminent scientists of organic and medicinal chemistry 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