



## CSIR Integrated Skill India Initiative



### 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.

<b>Educational Qualifications</b>	:	B.Sc/B.Pharm/M.Sc/M.Pharm/ B.Tech/M.Tech/PhD(Pursuing/Completed Degree)
<b>Venue Of the course</b>	:	CSIR-IICB, Jadavpur Campus
<b>Age Group</b>	:	18 and above
<b>Duration</b>	:	2 weeks(08 <sup>th</sup> June -19 <sup>th</sup> June 2026)
<b>No. of seats</b>	:	10
<b>Course Fees</b>	:	Rs 5000/- (Inclusive of GST)
<b>Venue of the Course</b>	:	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