

CSIR Integrated Skill India Initiative

Training course on Gas Chromatography-Mass Spectrometry

CODE: IICB-GCMS

CSIR-IICB proposes one training course on “Training course on Gas Chromatography-Mass Spectrometry (GC-MS)” to generate skilled human resources for pharmaceutical and academic sectors. The course is specially targeted to candidates having chemical/pharmaceutical background with basic knowledge in organic and analytical chemistry.

Educational Qualifications	:	B.Sc/M.Sc in Chemistry or B.Pharm/M.Pharm
Duration	:	2 weeks
No. of Seats	:	20
Age group	:	18 years and above
Date of commencement	:	
Venue of the Course	:	CSIR-IICB
Course Fee	:	Rs. 5,000/-
Medium of Instruction	:	English

Training Curriculum:

- An introduction to gas chromatography - mass spectrometry (GC-MS)
- Introduction to the basic, principles and method development in GC-MS
- Sample preparation and practical training on GC-MS
- Data processing and analysis in GC-MS
- Structure elucidation of chemical compounds by using GC-MS

Salient features of the courses:

- 50% theory and 50% practical classes
- Tutorials will be provided by eminent scientists of organic and medicinal chemistry background
- Lectures will be provided with multimedia aids
- Hands-on training on gas chromatography - mass spectrometry (GC-MS)
- Professional skill development, case study, evaluation and certification.