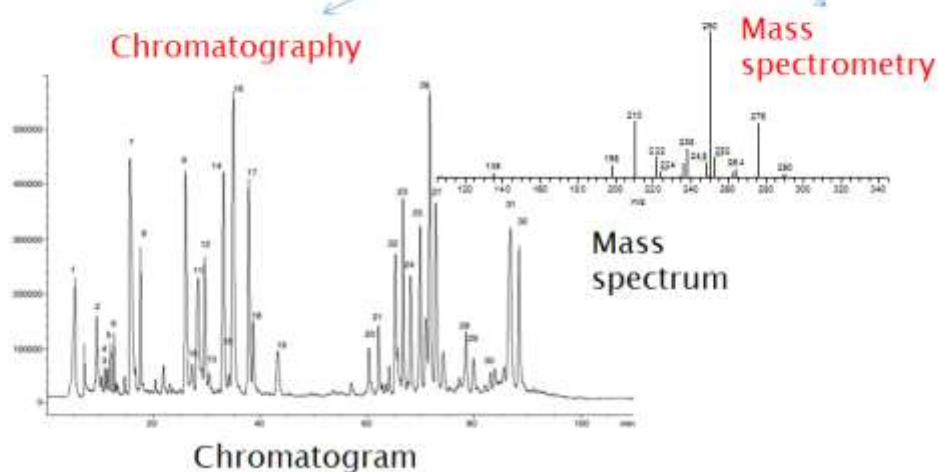




# Advance Training Program “Small Molecule Analysis by LC-MS and its data interpretation”

(Duration, 5 Days)

LC-MS, combined power of “Separation & Detection”



Organized by  
Sophisticated Analytical Instrument Facility & Research Division  
CSIR-Central Drug Research Institute, Lucknow



Facility, Supported by  
Department of Science & Technology  
(Govt. of India)

## Objective of training program

The proposed training program will provide an opportunity to experience the state-of-the-art mass spectrometry (MS) techniques and initiate lively discussion among research scientists, academicians and young researchers to share their knowledge in the frontier areas of chemical sciences and MS data analysis. The beginners will get a chance to familiarize themselves with ESI, APCI, LC-MS techniques and gain confidence by observing their applications and data interpretation as done in real situation. This training will focus on the determination of molecular weight of small molecules using EI, ESI/APCI Mass spectrum. Total number of participants will be maximum three and decided based on their area of interest, pre booked slot between Monday to Friday and availability of accommodation at CSIR-CDRI, Guest House.

## Topics to be covered

Basics of Chromatography and Mass Spectrometry  
Basic Instrumentation of HPLC/LC-MS  
Applications of ESI-MS, APCI-MS, LC-MS and their data interpretation.  
Demonstration on instrument (Lab. session) followed by discussion.  
Exercise on mass spectrum data analysis. Examination and result discussion.

## Registration fee

Training Fee	(One Week) INR
Private Organizations & Industry	6000/-
Academic/Govt. faculty	4000/-
Students/ Research Scholars	3000/-

## Venue

CSIR-Central Drug Research Institute, Jankipuram Extension, Sitapur Road, Lucknow-226031 (U.P.), India.

## Accommodation & food

We will try to provide accommodation & food in CDRI GH (if available) on payment as per CSIR rule, (accommodation charges will be paid by trainee/Maximum Rs.300/- per bed per day).

## Electronic payment by NEFT:

Name of A/C Holder: Director CDRI, Lucknow

Account number: 30269374557

Name of Bank: State Bank of India, Branch: CDRI, IFSC code: SBIN0010174

Place: Lucknow 226031



GSTIN

09AAATC2716R8Z6

Legal Name

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Trade Name, if any

CENTRAL DRUG RESEARCH INSTITUTE

## Eligibility

Candidates possessing master or equivalent degree in biological science, chemical or pharmaceutical science, and have minimum class 12<sup>th</sup> level knowledge of chemistry as a subject and working in a government or private sector and are interested in training to maintain or to upgrade knowledge and develop skills.

## How to Apply

Submit the duly filled and signed application form (Annexure I) along with official letter from the Head of the Department /concerned organization sponsoring the candidate for the training, clearly mentioning the duration and specific area in which the training is required.

## Award of Certificate

Certificate will be awarded to those candidates having at least 75% attendance and have recommendation of successful completion from the Supervisor/Nodal Person.

## Correspondence:

All correspondence should be addressed to:

### Dr. Sanjeev Kanojiya

Principal Scientist & Training Supervisor,  
In-charge Mass Spectrometry Unit,  
Sophisticated Analytical Instrument Facility & Research, Division,  
CSIR-Central Drug Research Institute, Sector-10, Jankipuram Extension,  
Sitapur Road, Lucknow-226031(U.P.) INDIA  
Phone- 522-2772550, Ext. 4510  
E-mail: [sanjeev\\_kanojiya@cdri.res.in](mailto:sanjeev_kanojiya@cdri.res.in)

## For any other information, please contact

E-mail: [saif\\_cdri@cdri.res.in](mailto:saif_cdri@cdri.res.in),

Mobile: +91-522-2772550, Ext. 4509, 4624 Mr. Dharmesh Kumar (M) +91 9882077568  
(only Monday to Friday, between 10 AM to 04.30 PM)