



NATIONAL WORKSHOP ON



“HPLC basics and method development”

18TH – 19TH APRIL-2018

**SOPHISTICATED ANALYTICAL INSTRUMENT FACILITY (SAIF),
CSIR-CENTRAL DRUG RESEARCH INSTITUTE, LUCKNOW**



SPONSORED BY

**DEPARTMENT OF SCIENCE & TECHNOLOGY
GOVT. OF INDIA**



Sophisticated Analytical Instrument facility (formerly known as Regional Sophisticated Instrumentation Centre - RSIC) at Central Drug Research Institute (CSIR), Lucknow has been providing excellent analytical service for the last 44 years and is one of the first four such facilities set up by the **Department of Science & Technology (DST)**, Government of India in 1973-74. The concept of the SAIF at Central Drug Research Institute evolved around the regional needs of scientists, research personnel and students engaged in research in the chemical and biological sciences. The sophisticated instruments at the center have been updated from time to time, keeping pace with the advancement of science and technology and the requirements of the users.

Objective of Workshop

This proposed workshop is aimed to cover basics of high performance liquid chromatography (HPLC) to enable users to separate, identify and quantify chemicals as well as molecules in a mixture (crude extract). The participants will benefit from this workshop in improving their understanding of the techniques and its applications in research activity. All the participants will be able to watch the HPLC experiments and method development. Instrument handling can be allowed in groups. The workshop includes both lectures (30% time) and laboratory sessions (70% time).

Topics to be covered

1. HPLC Basics and Instrumentation
2. Method Development strategies and Applications
3. On-site Training
4. Lab Visit, Discussion and Certificate Distribution

Accommodation/Transportation

We will provide accommodation in Guest House (if available) on payment @ 300 per person per day from 17th – 19th April 2018. **NO PICK and DROP service from Railway station or Airport.**

Lucknow

A sprawling historical city on the bank of river Gomti, Lucknow is the capital of Uttar Pradesh. A beautiful city of gardens, renowned for its Nawabi culture, shades of which still remain, it is now more famous for its Chikan garments, Dussheri mangoes, Awadhi cuisines and also for a large number of scientific institutions.

Last Date for receipt of Application with DD

30th March 2018. A late payment of 500.00 from students and 1000.00 from others will be charged extra till 12th April 2018, if seats are available. No spot registration.

Registration fee for the LCMS Workshop

Private Organizations & Industry	Rs. 12,000.00
Academic faculty	Rs. 8,000.00
Students	Rs. 4,000.00

Participants from Organic Chemistry/Natural Products/Biotechnology/Pharmacy/Biochemistry can apply..

Payments

Bank Draft should be drawn in favour of **Director, Central Drug Research Institute, Lucknow payable at Lucknow.**

Venue

SEN-F1 (Special Equipment Building)
Central Drug Research Institute,
B.S. 10/1 Sector-10
Janakipuram Extension, Sitapur Road, Lucknow-226031 (U.P.)

For any other information, please contact Organizing Secretary

Correspondence:

All correspondence should be addressed to:

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(Organizing Secretary),
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SOPHISTICATED ANALYTICAL INSTRUMENT FACILITY
CSIR-Central Drug Research Institute, Lucknow

Workshop on
“HPLC basics and method development”

18th to 19st April 2018

Only 10 seats
Selection criterion: First cum first served

Registration form

Name:

Date of birth: Gender: M/F.....

Designation: E-mail:

Educational Qualification:

Department/Institute:

Address for Communication:

.....

Accommodation **required/not required**

Mobile:

Payment details:

Amount Rs:

DD No.:

Date:

Bank:

Signature of the candidate

Signature of head/supervisor

Completed and signed form with DD can be scanned and e-mailed to:
seminar_mass@yahoo.co.in and brijesh_kumar@cdri.res.in, followed by speed post to confirm your seat.

Payment Details

DD/No. Dated..... For INR..... in favour of Director, Central Drug Research Institute, Lucknow, payable at Lucknow, as registration fee.

Signature