

“Five days hands on workshop on emerging environmental pollutants analysis by GCMS”

31 January to 4 February 2022

About the Workshop

The “Five days hands on workshop on emerging environmental pollutants analysis by GCMS” is going to be held in, ICMR-National Institute for Research in Environmental Health (ICMR-NIREH), Bhopal. This course covers all the practical and theoretical aspects about gas chromatography-mass spectrometry; gases and plumbing; sample introduction like split, splitless, column setup and injection techniques; data analysis; liquid-liquid and solid-phase extraction.

This workshop will help participants learn how to choose the GC-MS techniques for an application, set-up the instrument, how to develop & optimize methods and then finally how to maintain & troubleshoot

Who can apply for this course?

The Complete GC-MS course is for those who have some basic knowledge of gas chromatography and would like to greatly enhance it, learning the essential and practical application of GC-MS techniques.

Eligibility

PhD postdoctoral fellows and faculty are encouraged to apply.

Course Content

Gas Chromatography and GC-MS Introduction, Gases & Plumbing in GC-MS, Sample Introduction in GC-MS, Principles and components of the mass spectrometer, Strategies for method development GC-MS, Practical Essentials of GC Columns, Practical Essentials of GC Detectors, Practical Essentials of Mass Spectrometers in GC-MS, Data Analysis for GC-MS, Sampling Techniques for GC-MS and GC-MS Maintenance

Seats

*** Only 15 participants will be admitted for the course.**

Application Procedure

Applications in the prescribed format along with necessary enclosures should be submitted through E-mail to nirehworkshop@gmail.com on or before **15 Jan 2022**.

Selection

Candidates will be shortlisted on the basis of academic qualification; previous knowledge/experience of gas chromatography and future plans. The selected candidates will be contacted by e-mail.

Fees

Registration fee of the course is Rs. 10000/= only (non-refundable). Lodging on twin sharing basis, breakfast and lunch will be provided and is included in the registration fee. The cheque/DD are to be drawn in favour of Director ICMR-NIREH Bhopal Project. Payable at Bhopal. For electronic transfer (NEFT/IMPS), the details are as below:

Bank Address: Canara Bank, Koh-E-Fiza Bhopal, **Bank account No.** -2652101006214

IFSC-CNRB0002652,

Shortlisted candidates are also required to produce COVID-19 (2nd dose) vaccination certificate.

Coordinator

Dr. Manoj Kumar,

Co- Coordinator: Dr Devojit Kumar Sarma; Dr Swasti Shubham





WORKSHOP REGISTRATION FORM

“Five days hands on workshop on emerging environmental pollutants analysis by GCMS”

31 January to 4 February 2022

Name (in capital letters):

Designation:

Participant category (please tick):

Faculty/Scientist Research Scholars others

(Specify).....

Research Area:

How this workshop is going to help in your research: (In 200 words max)

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Name of the Institution & Address

Address for Communication

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Mobile Number: Email id:

Signature of the Candidate
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Date: __/__/____

Note:

Please send the scanned copy of the filled registration form to email: nirehworkshop@gmail.com

For any queries please contact:- +919098241009; +918121450098.