



**6-Day (3rd – 8th August 2026) Intensive Hands-on Training Workshop on ICP-MS/MS
Advanced Trace Element and Heavy Metal Analysis in Biological, Environmental, and
Food Samples
Last Date to apply :- 20 July 2026**


**ICMR–National Institute for
Research in Environmental Health
(NIREH), Bhopal**

HANDS-ON TRAINING WORKSHOP ON

**INDUCTIVELY COUPLED PLASMA
MASS SPECTROMETRY (ICP-MS/MS)**

DATES
3rd – 8th
August 2026
(6 Days)

VENUE
ICMR–NIREH,
Bhopal,
Madhya Pradesh



ABOUT THE WORKSHOP

This 6-day intensive hands-on training workshop is designed to provide participants with a strong conceptual understanding and practical expertise in ICP-MS/MS technology, including instrument operation, method development, quality assurance, quality control, and data interpretation for trace element and heavy metal analysis.

Participants will gain hands-on experience in the analysis of diverse biological, environmental, and food matrices, including blood, urine, water, spices, grains, and other complex samples using state-of-the-art analytical techniques.

**TARGET PARTICIPANTS
(LIMITED SEATS: 50)**

- Faculty Members
- Scientists
- Research Scholars
- Postgraduate Students
- Industry Professionals
- Laboratory Technicians



REGISTRATION FEE

Category	Fee (INR)
Faculty / Scientists	₹3,500
Research Scholars / Students	₹2,500
Industry Professionals / Laboratory Technicians	₹3,500

*GST as applicable

INCLUSIONS & FACILITIES


- Hands-on ICP-MS/MS laboratory training
- Expert lectures and live demonstrations
- Training materials
- Morning tea and lunch

! Accommodation charges will be borne separately by participants.

KEY HIGHLIGHTS

- Fundamentals of ICP-MS/MS
- Sample preparation techniques
- Instrument calibration and quality control
- Data acquisition and interpretation
- Applications in environmental and biomedical research
- Troubleshooting and best laboratory practices

APPLY NOW!
Scan the QR Code to Apply



NOTE:
Seats are limited (50 participants only).
Early registration is encouraged.

FOR QUERIES
Dr. Manoj Kumar
Mob: 8121450098

ORGANIZED BY
ICMR–NIREH, Bhopal

Dates: 3rd – 8th August 2026

Venue: ICMR–NIREH, Bhopal, Madhya Pradesh

About the Workshop

This 6-day intensive hands-on training workshop is designed to provide participants with a strong conceptual foundation and practical expertise in ICP-MS/MS. The program covers the fundamental principles of ICP-MS/MS, instrument operation, method development and validation, quality assurance and quality control (QA/QC), troubleshooting, and data interpretation for trace element and heavy metal analysis. Participants will gain extensive hands-on experience in the analysis of diverse biological, environmental, and food matrices, including blood, urine, water, spices, grains, and other complex samples using state-of-the-art analytical techniques. The workshop aims to strengthen analytical capabilities and promote best laboratory practices for accurate and reliable elemental analysis in research, public health, environmental monitoring, and food safety applications.

Target Participants (Limited Seats: 50)

- Faculty
- Scientists
- Research Scholars
- Postgraduate Students
- Industry professionals
- Laboratory Technicians

Registration Fee Structure

Category	Fee (INR)
Faculty / Scientist/ Laboratory Technicians/ Industry professionals	₹3,500
Research Scholars / Students	₹2,500

Inclusions & Facilities

- Hands-on laboratory training in ICP-MS/MS
- Expert lectures and demonstrations
- Training materials
- Morning tea and lunch will be provided

Accommodation charges will be borne separately by participants.

Key Highlights

- Fundamentals of ICP-MS
- Sample preparation and quality control
- Data acquisition and interpretation
- Applications in environmental and health research

Organized At: **ICMR–NIREH, Bhopal**

Note: Seats are limited to 50 participants only. Early registration is highly encouraged. Please complete the application form using the Google Form link below or scan the QR code to register:

<https://docs.google.com/forms/d/e/1FAIpQLSd0QsZqe6FIIKfFTOquGwetuuU3ohkxC92Q6bOGw7-W5k6AFw/viewform?usp=publish-editor>



For Queries:

Email: nirehworkshop@gmail.com

[Dr Manoj Kumar; Mob: 8121450098]