

Hands-on Training AIR POLLUTION MONITORING & ASSESSMENT



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NIIRNCD

NATIONAL INSTITUTE FOR
IMPLEMENTATION RESEARCH ON
NON-COMMUNICABLE DISEASES



INSTRUMENT TRAINING

- Aerosol Monitor (PM_{1.0}, PM_{2.5}, PM₁₀)- DustTrak(TSI)
- Personal Air Sampler -Casella
- Viable Bioaerosol Monitor - TCR -Tecora & TISCH
- Gas Monitor - GfG (Polytector)
- Grid Sampling -ArcGIS

WORKSHOP OVERVIEW

- Demonstration of instrument setup, calibration, and real-time particulate measurement.
- Procedure for collection of Total Suspended Particulate matter using personal samplers.
- Demonstration of microbial air exposure monitoring and interpretation of viable colony data.
- Hands-on practice for detection and measurement of common gaseous pollutants (CO₂, CH₄, Cl₂, HCN, NH₃, NO₂, SO₂, CO, O₃, H₂S, VOCs).
- Development of sampling grid using GIS tools.

WHO CAN APPLY

- Researchers, Laboratory professionals
- Ph. D. and Masters students of Environmental & Health Sciences
- Those with interest & experience in this field.

Patron -

**Dr. Pankaj Bhardwaj, Director,
ICMR-NIIRNCD**

Organiser-

**Dr. Suresh Yadav, Scientist-C,
ICMR-NIIRNCD**



4th To 5th December 2025



10.00 am - 5.00pm



**ICMR-NIIRNCD (Desert
Medicine Research Centre,
Pali Rd, Bhagat Ki Kothi,
Jodhpur, Rajasthan 342011**



0291-2722403/9426211724

HOW TO REGISTER

Scan the QR Code to register



Applications before 30th November, 2025 will be accepted. Registration fee - ₹ 1,000/-