

# CERTIFIED MONITORING PROFESSIONAL



Certificate Course  
on

## Air Quality Monitoring

29<sup>th</sup> Aug - 2<sup>nd</sup> Sep 2022 (5 Days)

TERI SCHOOL OF ADVANCED STUDIES  
10, Institutional Area Vasant Kunj,  
New Delhi - 110070

In Association with



**ECRD**

Envirotech Centre For  
Research And Development

# Background

**Enactment of the Air (Prevention and control of Pollution) Act in 1981**, mandated monitoring of air quality and control of air pollution from various sources including vehicular, mining as well as industrial. There are several pockets in the country where air pollution problems have already become critical. Urgent and adequate measures are needed to ensure that future urban and economic development does not result in causing serious air quality deterioration. The government of India has felt this importance and notified stringent ambient air quality standards and included a few more parameters like Ozone, Benzene, Benzo(a)pyrene, As and Ni on 18th Nov 2009. The methods of measurement for these parameters have also been notified. However a significant constraint in effectively monitoring industrial emissions and ambient air quality has been the paucity of trained manpower with adequate skills, confidence, and experience. The personnel deployed on these tasks need to be fully conversant with appropriate monitoring devices, their operation, maintenance & calibration. The difficulties faced by them need to be resolved. The proposed training program would attempt to tackle such shortcomings.

## Who is it for?

A unique hands-on training program designed to build competence and confidence in personnel involved in the monitoring of ambient air quality working with:



Environmental  
Consultants



Pollution Control  
Boards



Industries



Research & Aca-  
demic institutes

*This program is jointly organized by TERI SAS, India's Premiere Institution for Environment education and Envirotech Centre for Research and Development, (A unit of Envirotech Instruments Pvt. Ltd.), New Delhi who have pioneered the development of indigenous instruments for monitoring air pollution and air quality and ECRD has experience of carrying out extensive monitoring campaigns across the country and have requisite competence to conduct such training.*

## Course Details

The course would focus on the science behind air quality monitoring & control with significant emphasis on 'hands-on' exercises on the use, maintenance & calibration of monitoring instruments. The course aims to equip the participants with skill sets to carry out any monitoring exercise with competence and confidence.

- Importance of air quality monitoring & requirements under the Air Act.
- Techniques for monitoring various pollutants.
- Hands-on experience on use of instruments.
- Preventive maintenance, calibration & Quality control
- Air quality Management

**Faculty** : Eminent faculty from Academic & Research Institutes and experts from Pollution Control Boards and Consultants.

## Eligibility

Middle-level scientists and engineers working with **Pollution Control Boards, Industries & Consultants** and who have been designated for tasks related to Environmental Monitoring & Management in their respective organizations. Only Twenty Five participants shall be enrolled for the course on a first come first serve basis. This is a residential course(*optional*).

## Fee

Rs. 25,000 + Rs. 6000/ + GST

Course material, working meals, tea, Lodging, boarding and local transportation

**OR** Choose suitable

Rs. 25,000 + GST

Course material, working meals, tea only.

### Registration

<https://forms.gle/y7DkSsw8euWzDVtd9>