



**OBJECTIVES**

Air quality monitoring is one of the key tools of air quality management plan. The proposed training program on air quality monitoring is broadly intended to provide perspective, insights and knowledge required for robust assessment of air pollutant concentration of any location. The specific aim of the training program is to enhance the capacities of the participants in monitoring the air pollution level especially to meet the requirement of EC consent as per EIA notification.

**COURSE CONTENTS**

- Fundamental of air pollution Monitoring and its importance
- Air Pollution Monitoring: Manual vs. Continuous Monitoring Systems – Data Reliability Issues
- Theory and demonstration of Air Quality Monitoring Instruments (PM Samplers, Gaseous Samplers); Air Quality Lab Instrumentation (ICP, IC, GC & EC/OC)
- Ambient Particulate Matter (PM10 & PM2.5) Monitoring (Sampling, Principles, Analysis & Calculation, QA/QC, Data Analysis & Interpretation)
- Ambient Gaseous Pollutant (SO2, NO2, NH3, CO and O3) Monitoring (Sampling, Chemical Analysis & Calculation, QA/QC, Data Analysis & Interpretation)
- Chemical characterization of Particulate Matter (Principle, Procedure, QA/QC, Data Analysis & Interpretation)
- Ambient Volatile Organic Compounds - Sources, Monitoring and Control with QA/QC
- Bio-Aerosol Sources and Monitoring (Principle, Procedure, QA/QC, Data Analysis & interpretation)
- Stack Emission Monitoring (Principle, Procedure, QA/QC, Data Analysis & interpretation)
- QA/QC, Statistical Data Analysis & interpretation, Application of data

**VENUE:** CSIR-NEERI’s Delhi Zonal Centre, A-93-94, Naraina Industrial Area Phase-I, Delhi-110028.

**MODE OF TRAINING:** Classroom lectures/demonstration/interaction. The lecture material shall be provided to the participants after the completion of the program.

**REGISTRATION**

- Registration Fee for Sponsored/Employed/Self Payment candidates, etc.: **Rs. 7,500/- + 18% GST**
- Registration Fee for Students: **Rs. 3,000/- + 18% GST**
- **Fee will be paid online through SBI Collect link as mentioned below:**  
<https://www.onlinesbi.com/sbicollect/icollecthome.htm>
- Instructions for remittance of fee through State Bank Collect:  
**State of Corporate / Institution:** "MAHARASHTRA"  
**Type of Corporate / Institution:** "GOVT. DEPARTMENT"  
**GOVT Department Name:** "NATIONAL ENVIRONMENTAL ENGINEERING RESEARCH INSTITUTE"
- **Payment Category:** "WEBINAR / TRAINING PROGRAM REGISTRATION FEE"
- Attached enrollment form & SBI collect receipt is to be sent on email id: **hv\_singh@neeri.res.in**
- Registrations will be confirmed on first-come first-serve basis since there are 25 seats only
- Last date of Registration: **January 01, 2023**

**CERTIFICATE OF PARTICIPATION:** Certificate of Participation will be issued on successful completion.

DIRECTOR	PROGRAM CO-ORDINATOR	COURSE CO-ORDINATORS	
Dr. Atul N. Vaidya Director CSIR-NEERI	Dr. Harshvardhan Singh Senior Principal Scientist & Head, Training & Skill Development Division (TSDD) Email: <a href="mailto:hv_singh@neeri.res.in">hv_singh@neeri.res.in</a> Ph. : 0712-2249885 Ext. 344 / 645	Dr. S. K. Goyal Chief Scientist & Head, DZC	Dr. Sunil Gulia Senior Scientist, DZC

<b>CSIR-NEERI (National Environmental Engineering Research Institute)</b> <b>Nehru Marg, Nagpur- 440020</b>	
<b>TITLE OF SKILL DEVELOPMENT PROGRAM</b>	<b>Air Monitoring as per EC Consent Requirements for Industrial Sectors</b>
<b>DATE(S), TIME AND VENUE</b>	<b>February 01-03,2023 and CSIR-NEERI, Delhi ZC</b>
<b>FULL NAME OF TRAINEE</b>	
<b>FATHER'S / HUSBAND'S NAME</b>	
<b>DATE OF BIRTH (DD/MM/YYYY)</b>	
<b>GENDER (MALE / FEMALE / OTHERS)</b>	
<b>CATEGORY (SC / ST / OBC / EWS / GENERAL)</b>	
<b>PHYSICALLY DISABLED (YES / NO)</b>	
<b>CURRENT STATUS</b> (working/ entrepreneur/ student/ unemployed/ school dropout)	
<b>QUALIFICATIONS</b>	
<b>PHOTO ID NUMBER (Aadhar/ PAN/ Voter ID/ Passport)</b>	<b>(Attach Copy of Photo Id)</b>
<b>MOBILE NUMBER</b>	
<b>EMAIL</b>	
<b>ADDRESS (Mention name of District, State &amp; Pin code)</b>	
<b>TRAINEE'S DOMICILE (RURAL / URBAN)</b>	
<b>FEE PAYMENT DETAILS (IF APPLICABLE)</b>	
<b>SIGNATURE OF APPLICANT</b>	<b>SIGNATURE OF NODAL PI</b>
<b>DATE</b>	<b>DATE</b>