

OBJECTIVES

Efficient and effective urban air quality management planning needs trained manpower who can understand importance of its key components and connectivity between them. The key components of any management plan are setting the goal, monitoring, emission inventory, modelling and control strategies. The output of one component can be input for others. Therefore, sound knowledge of these components by air quality managers would lead to improved result in managing air quality. In view of that, the proposed training program on Air pollution Management in Urban Areas is broadly intended to provide perspective, insights and knowledge required for reduction of air pollution level within the city. The specific aim of the training program is to enhance the capacities of the participants in controlling the increasing air pollution level. The main objectives are:

- To provide thorough knowledge about air quality management in urban area
- Understanding the importance of each key component of management plan.

COURSE CONTENTS

- Fundamentals of Air Pollution, its sources and Health Exposure Assessment
- Understanding of Air Quality Index (AQI) and its calculation and interpretation
- Fundamental of Sources Apportionment methodology including monitoring, Chemical characterization and Receptor Modelling
- Multipollutant Emission Inventory Development for urban areas
- Air Pollution Meteorology and Its importance for air pollution dispersion
- Air assimilative capacity concept
- Fundamental of Air quality dispersion modelling
- Validation of models
- Online demonstration of air quality dispersion models such as AERMOD, CALINE-4, CALPUFF
- Air Quality Management: Policy Development, selection of control action

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: **December 17, 2022**

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: hv_singh@neeri.res.in Ph. : 0712-2249885 Ext. 344 / 645	Dr. S. K. Goyal Chief Scientist & Head, DZC	Dr. Sunil Gulia Senior Scientist, DZC

**COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (CSIR)
INTEGRATED SKILL INITIATIVE (PHASE-II) (2020-25)
TRAINEE ENROLLMENT FORM**



CSIR-NEERI (National Environmental Engineering Research Institute) Nehru Marg, Nagpur- 440020	
TITLE OF SKILL DEVELOPMENT PROGRAM	Air Pollution Emission Inventory, Modelling and Management
DATE(S), TIME AND VENUE	January 17-19,2023 and CSIR-NEERI, Delhi ZC
FULL NAME OF TRAINEE	
FATHER'S / HUSBAND'S NAME	
DATE OF BIRTH (DD/MM/YYYY)	
GENDER (MALE / FEMALE / OTHERS)	
CATEGORY (SC / ST / OBC / EWS / GENERAL)	
PHYSICALLY DISABLED (YES / NO)	
CURRENT STATUS (working/ entrepreneur/ student/ unemployed/ school dropout)	
QUALIFICATIONS	
PHOTO ID NUMBER (Aadhar/ PAN/ Voter ID/ Passport)	(Attach Copy of Photo Id)
MOBILE NUMBER	
EMAIL	
ADDRESS (Mention name of District, State & Pin code)	
TRAINEE'S DOMICILE (RURAL / URBAN)	
FEE PAYMENT DETAILS (IF APPLICABLE)	
SIGNATURE OF APPLICANT	SIGNATURE OF NODAL PI
DATE	DATE