



OBJECTIVES

September 28-30, 2022

Grossly Polluting Industries (GPIs) are identified as industries discharging effluent having BOD load of 100 kg per day or more into a water course and handling hazardous substance as specified in Manufacturing, Import, Storage of Hazardous Chemical Rule, 1989. The different types of GPIs are pulp and paper mills, distilleries, sugar mills, textile units, tanneries, thermal power plants, food, dairy, and beverage industries, chemical units, slaughterhouses, etc. As a result of this, the freshwater that Indian rivers carry is now so severely polluted that river threaten the very life they once nurtured. On the other hand, managing the hazardous waste and hazardous sludge generated from the water treatment plants/ETPs installed at GPIs is another complex problem.

COURSE CONTENTS

- Categorization of the Industries
- Introduction to the Grossly Polluting Industries (GPIs) & Problems and Challenges faced by GPIs
- Environmental Legislations, Role of Regulatory Bodies and Judiciary
- Problems related to the treatment of waste water
 - Wastewater Treatment Technologies: Physical, Chemical and Biological
 - Fundamental of Design of wastewater treatment plants/ETPs
 - Operation, Maintenance and Monitoring of wastewater treatment plant/ETPs & Troubleshooting
- Problems related to management of air pollution
 - Overview of Air Pollution Challenges & Consequences
 - Particulate Matter and Gaseous Pollutant Monitoring
 - Industrial Emissions Monitoring and air pollution control
- Problems related to hazardous waste management
 - Classification of Hazardous Waste (HW)
 - Hazardous Waste Management & TSDF
- How CSIR-NEERI can help Grossly Polluting Industries

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** (No Fee for EWS Category)
- **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: **August 28, 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. Papiya Mandal Principal Scientist, DZC | Dr. Raman Sharma Principal Scientist, DZC |

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



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| CSIR-NEERI (National Environmental Engineering Research Institute) Nehru Marg, Nagpur- 440020 | |
| TITLE OF SKILL DEVELOPMENT PROGRAM | Industrial Waste and Wastewater Management for Grossly Polluting Industries (GPIs) in the National Capital Region of Delhi |
| DATE(S), TIME AND VENUE | September 28-30,2022 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 |