



**OBJECTIVES**

Water scarcity in the country warrants recycling and reuse of the treated water from the waste water treatment plants. The wastewater either domestic or industrial needs pollutant specific treatment in waste water treatment plants. Efficient operation, maintenance, performance and design of waste water treatment plants require proper planning and trained manpower. Sewage Treatment Plants (STP) and Common Effluent Treatment Plants (CETPs) provide a centralized platform for a homogeneous and heterogeneous cluster of industries to treat waste water on chargeable basis. Wastewater treatment in the treatment plants has now become an important revenue generating business, a resource of recycled water, a process of protecting environment and influencing quality of life at large. However, wastewater treatment plant operation is a tricky affair since wastewater received is diverse. Hence, this program has been specifically designed for the training and guidance of personnel involved in operation, maintenance, management and performance of waste water treatment plants and can be extended to manage wastewater optimally in ETP too.

**COURSE CONTENTS**

- Fundamentals of Water Pollution, its sources and Health Exposure Assessment
- Wastewater Treatment: A Conceptual Overview
- Wastewater Treatment Technologies: Physical, Chemical and Biological
- Fundamental of Design of wastewater treatment plants
- Wastewater Treatment Plant Components
- Operation, Maintenance and Monitoring of wastewater treatment plant
- Wastewater Chemistry: Sampling, Preservation & Analytical Techniques
- Troubleshooting of treatment operations and processes
- Work safety at the wastewater treatment plants
- Effluent Recycle/Reuse and Sludge Management

**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: **August 20, 2022**

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

<b>DIRECTOR</b>	<b>PROGRAM CO-ORDINATOR</b>	<b>COURSE CO-ORDINATORS</b>	
<b>Dr. Atul N. Vaidya</b> Director CSIR-NEERI	<b>Dr. Harshvardhan Singh</b> 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	<b>Dr. S. K. Goyal</b> Chief Scientist & Head, DZC	<b>Dr. Raman Sharma</b> Principal Scientist, DZC

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



<b>CSIR-NEERI (National Environmental Engineering Research Institute) Nehru Marg, Nagpur- 440020</b>	
<b>TITLE OF SKILL DEVELOPMENT PROGRAM</b>	Efficient Operation, Maintenance, Performance and Design of Wastewater Treatment Plants
<b>DATE(S), TIME AND VENUE</b>	September 20-22,2022 and CSIR-NEERI, Delhi ZC
<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>