



Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)
Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. Telangana, India



Environment Management Division

Continuing Professional Development Programme on O&M of Water and Water facilities and Upgrading Existing Facilities to Meet Latest Regulatory Standards (NGT/CPCB)

20 – 24 July 2026

Interactive Sessions | Digital Learning | Assessments | 24/7 Experts Online/Offline Support

Introduction

With increasing regulatory scrutiny and environmental concerns, water utilities must not only ensure efficient **operation & maintenance (O&M)** but also upgrade existing infrastructure to comply with evolving standards set by regulatory bodies such as the **National Green Tribunal (NGT)** and **Central Pollution Control Board (CPCB)**.

This four-day programme focuses on strengthening participants' capabilities in managing water systems while aligning them with **latest environmental norms, compliance requirements, and sustainable practices**.

Objectives

The programme aims to:

- Strengthen O&M practices in water supply systems
- Understand **NGT & CPCB regulatory frameworks and compliance requirements**
- Learn strategies for **upgrading existing facilities**
- Enhance skills in monitoring, reporting, and environmental compliance
- Promote sustainable and energy-efficient operations

Course Coverage

- Overview of Water Supply Systems & Infrastructure
- O&M of Water Treatment Plants (WTPs)
- Distribution Network Management & NRW Reduction
- Water Quality Monitoring as per CPCB Standards
- Regulatory Framework: NGT & CPCB Guidelines
- Gap Assessment of Existing Facilities
- Upgradation Techniques for Compliance
- Retrofitting & Rehabilitation of Water Infrastructure
- SCADA & Smart Monitoring Systems
- Energy Efficiency & Sustainability
- Case Studies on Regulatory Compliance
- Troubleshooting & Best Practices
- Field Visit Water Treatment Plant / Smart Monitoring System / SCADA Centre

Methodology

Methodology of the programme includes classroom Sessions with Lectures/discussions, with audio visual aid; bench - marked video shows, Chalk & Talk sessions, group discussions, case studies, debates, sharing of experiences, etc. All the sessions will be interactive, demanding active participation from all the participants.

(An ISO 9001:2015 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

Target Participants

Engineers/ Managers / Commissioners at all levels working in Metropolitan Water Supply & Sewerage Boards, Public Health Engineering Departments, Municipal Corporations, Municipal Administration Departments, Urban Development Authorities, Industrial Townships, Industrial Development Corporations, Consultancy Organizations, Implementing agencies and self-interested professionals / individuals.

Programme Dates, Code & Timings

Dates: 20 – 24 July 2026, (EM 6114) / **Timings:** 10 AM Onwards.

Course Director

Ms. Anita Aggarwal

Faculty & Head I/c.

Environment Management Division,

Engineering Staff College of India

Phone: 040 6630 4120, 4122 / Fax: 040-66304163

Mob: 8374362306; Email: em@escihyd.org

Faculty/Speaker Details

Apart from the core internal faculty, Experienced Professionals/Faculties/Sector experts will be delivering the lively lecture with practical knowledge & case study.

Course Fee

- **Course Fee** (Residential) – **Rs. 30,000/-*** (Rupees Thirty Thousand only) per participant. Fee includes course material, course kit, twin-sharing/single AC accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme. ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- **Non-Residential Fee:** 10% discount on course fee is allowed for non-residential participants
- **Group Incentive:** 10% discount for five or more participants, if sponsored by the same Organization

* **GST @18%** is to be paid extra and above the training fee as training. **PAN Card No.** AAATT3439Q. **GST No:** 36AAATT3439Q1ZV, **HS No.:** 999293 (under commercial training or coaching services – clause 65(105) (ZZC) of Finance act – 1994).

Programme fee is to be paid in in favour of “**THE IE (I) – ENGINEERING STAFF COLLEGE OF INDIA**” in the form of demand draft payable at Hyderabad. Alternatively the payment may be made by **Electronic Fund Transfer (EFT)** to ESCI – **SB A/c No. 10007111201 with The SBI, PBB, Rajbhavan Road Branch, Khairatabad, Hyderabad-500004** by **NEFT/ RTGS. IFSC Code No. SBIN 0004159 – MICR No.500002075. PAN Card No AAATT3439Q; GSTIN No. 36AAATT3439Q1ZV.** While using EFT method of payment, please ensure to communicate us your company name, Contact details, our invoice reference and programme title. **Kindly provide your organization GSTIN No. along with your nominations.**

Registration

Online registration shall be available on ESCI web portal : www.escihyd.org.

To register manually please send your nominations giving details of name, designation, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to: **Course Director** (or) Contact us at Mr. GNM. Rao (Prog. Manager) – 9866431555.

A Certificate of participation will be awarded to each participant on conclusion of the programme.

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