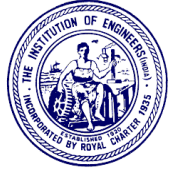




# Engineering Staff College of India

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 Performance Evaluation of Sewage Treatment Plants - Practical Aspects and Field Visits



16 - 18 June 2021

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

#### Introduction

Disposal of domestic sewage from cities and towns is the biggest source of pollution of water bodies in India. According to National Sanitation status report, Govt. of India 2014, the level of treatment available in cities with existing treatment plant varies from 2.5% to 89% of the sewage generated. Recent report of Central Pollution Control Board, envisages that the major cities of India produce 38,534 million liters per day (MLD) of sewage, but the urban sewage treatment capacity is only 11,786 MLD. The report also revealed that out of 152 STPs spread over 15 states in the country with total treatment capacity of 4716 MLD, the actual treatment capacity utilization is only 3126 MLD (66%). As per Govt. of India and State Missions, it is mandatory to set-up Sewage Treatment Plant in urban and rural for improved sanitation with efficient working principle. Therefore this, three day programme is planned to have an Operational knowledge in Sewage Treatment Process and its evaluation and performance improvement.

#### Objectives

The objective of this 3-day programme is to

- Update the recent guidelines of CPHEEO manual on STP Design, Operation and Maintenance
- Discuss treatment flow scheme for STP both conventional and advanced.
- Impart in depth knowledge related to O & M practices of STP
- Discuss various methods for Performance Monitoring and Evaluation of STP
- Expose them with Field visit of STP with different technologies.
- Understand the recycle and reuse process.

#### Course Coverage

- Guidelines of Latest CPHEEO Manual on Design, Operation & Maintenance of STP
- STP Process
- Guidelines and Criteria for setting up STP
- Performance Monitoring and Evaluation of STP
- Trouble shooting in O&M of STP
- Application of SCADA (Instrumentation and Automation)
- Recycle and Reuse of Waste Water
- Technical Field Visit
- Case Study and Group Discussions

#### Methodology

Methodology of the programme includes class room Sessions with Lectures/discussions with audio visual aid; Chalk & Talk sessions, case studies, debates, sharing of experiences, group discussions 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

- This course is useful for Engineers / Managers and other Professionals from PCB (State & Central), Pollution Control Committee, Zonal Office of the Pollution Control Boards etc. can participate in the programme.
- Engineers from Municipal Corporation, Municipal Administration, Public Health Departments, ULBs, Water Supply and Sewerage Boards, Metro Boards, Public Health Engineering Departments, Municipal Corporations, Municipal Administration Departments, Development Authorities, Regulatory Authorities, Townships and other Govt. PSU departments etc., Industrial Development Corporations, etc.
- Engineers and Executives from Industries (Distilleries, Textiles, Pharmaceuticals, etc...).
- Engineers from Public Sector and different Industries involved in STP Operation.
- This course is also useful for Project Management Consultants, Project Implementing Agencies and technology promoters in the Public Health Engineering sector.

## Programme Venue, Dates & Timings:

**Venue:** Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad. 500032. Telangana, India.

**Dates:** 16 - 18 June 2021

**Timings:** On the first day, Registration will commence at 0900 hrs. On all other days, the programme timings will be from 09:45 – 17:15 hrs. with breaks in between for tea and lunch.

## Course Director

### Ms. Anita Aggarwal

Faculty & Head I/c.

Environment Management Division,

Engineering Staff College of India,

Old Bombay Road, Gachi Bowli, Hyderabad 500 032

Phone: Direct 040 6630 4120 to 4122 Fax: 040-23000336

Mob: 8374362306

Email: [em@escihyd.org](mailto:em@escihyd.org)

Or Contact us at: Mr. GNM. Rao (Prog. Manager) – 9866431555.

## 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

**Residential Fee** – Rs. 16,000/- (Rupees Sixteen 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

**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) (ZCC) of Finance act – 1994).

Programme fee is to be paid in in favour of **“THE INSTITUTION OF ENGINEERS (INDIA) – 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.esciupskill.org](http://www.esciupskill.org) / [www.escihyd.org](http://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**

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

**Environment Management Division, Engineering Staff College of India**

Gachi Bowli, Hyderabad – Telangana 500 032

Phone: 040 – 66304120, 66304122, Fax: 040 – 66304103

Email: [em@escihyd.org](mailto:em@escihyd.org), web portal: [www.esciupskill.org](http://www.esciupskill.org); / [www.escihyd.org](http://www.escihyd.org)