



Engineering Staff College of India

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



Centre for Climate Change Division

Continuing Professional Development Programme

Drink from Tap

13 - 15 May 2026

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

Introduction

The “Drink from Tap (DfT)” initiative represents a transformative approach to urban water management, aiming to provide safe, potable water directly from taps without the need for additional household treatment. It aligns with national missions such as **Jal Jeevan Mission (Urban)** and global goals on sustainable water supply and public health. Achieving DfT requires a paradigm shift from intermittent to continuous pressurized supply, improved water quality monitoring, advanced treatment technologies, and robust governance frameworks. This programme is designed to build the technical, managerial, and operational capacities of stakeholders involved in urban water supply systems, enabling them to plan, implement, and sustain DfT systems effectively.

Objectives

The programme aims to:

- ✚ Understand the concept, significance, and benefits of the Drink from Tap initiative.
- ✚ Familiarize participants with national policies, standards (e.g., BIS 10500), and regulatory frameworks.
- ✚ Develop knowledge on water treatment technologies and distribution system management.
- ✚ Enhance skills in real-time water quality monitoring and risk assessment.
- ✚ Introduce best practices for 24x7 water supply systems and NRW (Non-Revenue Water) reduction.
- ✚ Build capacity in operation, maintenance, and asset management of water supply systems.
- ✚ Promote community awareness, stakeholder engagement, and behavioral change strategies.
- ✚ Showcase successful case studies from Indian cities implementing DfT.

Course Coverage

This training program will broadly cover the following key areas:

- ✚ **Fundamentals and Policy Framework:** Concept and evolution of Drink from Tap (DfT), National initiatives: Jal Jeevan Mission (Urban), AMRUT 2.0, Water quality standards (BIS 10500) and compliance requirements, Urban water supply challenges and opportunities, Introduction to 24x7 water supply systems, Case studies: Successful DfT implementation (e.g., Puri, Odisha)
- ✚ **Technical and Operational Aspects:** Water treatment technologies for potable water, Distribution system design and hydraulic considerations, Non-Revenue Water (NRW) management and leakage control, Smart water management systems (SCADA, IoT-based monitoring), Real-time water quality monitoring tools and techniques, Operation & Maintenance (O&M) best practices.
- ✚ **Implementation, Governance, and Sustainability:** Risk management and water safety planning, Institutional frameworks and governance mechanisms, financial sustainability and tariff structures, Community engagement and public awareness strategies, Monitoring, evaluation, and performance indicators, case study discussion

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

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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.

Target Participants

This programme is intended for engineers and technical staff from Urban Local Bodies (ULBs), officials of Water Supply and Sewerage Boards and PHED, urban planners and infrastructure professionals, project managers and consultants in the water sector, academicians and researchers in water resources and environmental engineering, as well as NGOs, contractors, and operators involved in urban water supply systems.

Programme Dates, Timings & Code

Dates: 13 - 15 May 2026, Timings: 10 AM Onwards. & Code: 8070

Course Director

Dr. K. Chandrakala Sr. Faculty, Centre for Climate Change **Dr. Aadhi Naresh**, Faculty, CCC
Engineering Staff College of India,
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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. 18,500/-** (Rupees Eighteen Thousand Five Hundred 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 over and above the training fee. **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 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.

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.**

Each participant will receive a Certificate of Participation upon program completion.