



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

Moving Towards Net Zero Carbon Buildings to Face Global Warming

11 – 12 March 2025

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

Introduction

The Continuous Professional Development (CPD) program on "Moving Towards Net Zero Carbon Buildings to Face Global Warming" is designed to equip professionals with the knowledge, skills, and tools necessary to design, construct, and operate buildings that contribute to the global goal of net-zero carbon emissions. This program will address the urgent need for sustainable building practices to mitigate the impacts of climate change.

Objectives

- ✚ Understand the principles and importance of net-zero carbon buildings.
- ✚ Explore the latest technologies and strategies for achieving net-zero carbon emissions in buildings.
- ✚ Analyze case studies of successful net-zero carbon buildings.
- ✚ Develop practical skills for implementing sustainable building practices.
- ✚ Stay updated on regulatory frameworks and industry standards related to sustainable construction.

Course Coverage

This programme is designed to cover broadly the following topics:

- ✚ Introduction to Net Zero Carbon Buildings.
- ✚ Design and Construction of Net Zero Carbon Buildings.
- ✚ Operational Strategies for Net Zero Carbon Buildings.
- ✚ Case Studies and Best Practices.
- ✚ Policy, Regulations, and Standards.
- ✚ Practical Implementation and Professional Skills Development

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

- ✚ Architects and designers
- ✚ Construction engineers and project managers
- ✚ Facility managers and building operators
- ✚ Sustainability consultants and environmental professionals
- ✚ Policy makers and regulatory authorities
- ✚ Students and researchers in architecture, engineering, and environmental science

Programme Dates, Timings & Code

Dates: 11 – 12 March 2025, **Timings:** 10 AM Onwards. & **Code:** 8061

Course Director

Dr. K. Chandrakala Faculty, Centre for Climate Change

Mr. Aadhi Naresh, Jr. Faculty, CCC

Engineering Staff College of India,

Phone: Direct 040 6630 4164, Fax: 040 - 6630 4163,

Mob: 8019438539 Email: ccc@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. 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. 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.**

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

Centre for Climate Change, Engineering Staff College of India

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