



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

Governing the Green Transition: AI-Enabled Policy Frameworks for Climate Resilience

04 - 06 August 2026

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

Introduction

The global transition towards sustainable and low-carbon development requires innovative governance mechanisms, evidence-based policymaking, and advanced technological solutions. Artificial Intelligence (AI) emerge as a transformative tool in climate governance, enabling predictive analytics, climate risk assessment, resource optimization, and informed decision-making. This three-day programme is designed to equip policymakers, urban planners, engineers, environmental professionals, and researchers with the knowledge and skills required to integrate AI into climate policy frameworks, strengthen climate resilience, and support the green transition.

Objectives

The programme aims to:

- ❖ Understand the principles of climate governance and green transition policies.
- ❖ Explore the role of AI in climate change mitigation, adaptation, and resilience planning.
- ❖ Examine national and international climate policy frameworks and regulatory mechanisms.
- ❖ Learn AI applications for climate risk assessment, environmental monitoring, and sustainable resource management.
- ❖ Develop strategies for implementing AI-enabled climate governance solutions.
- ❖ Analyze case studies on smart cities, renewable energy systems, and climate-resilient infrastructure.

Course Coverage

This training program will broadly cover the following key areas:

Foundations of Climate Governance and Green Transition: Climate Change, Sustainability, and the Green Transition, Climate Policy and Governance Frameworks, Introduction to Artificial Intelligence for Sustainability, AI for Climate Data Analytics.

AI Applications in Climate Resilience and Sustainable Development: AI for Climate Risk Assessment and Disaster Management, AI for Sustainable Urban Development, AI for Renewable Energy and Decarbonization, AI for Natural Resource Management.

Developing AI-Driven Climate Governance Strategies: Policy Design for AI-Enabled Climate Governance, ESG, Climate Disclosure, and Sustainability Reporting, Emerging Technologies for Climate Resilience, Roadmap for Green Transition Governance.

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

This programme is designed for government officials, policymakers, urban planners, engineers, climate and sustainability professionals, environmental regulators, disaster management practitioners, renewable energy experts, ESG officers, smart city managers, researchers, academicians, consultants, and students working in the fields of climate resilience, sustainable development, AI, and environmental governance.

Programme Dates, Timings & Code

Dates: 04 - 06 August 2026, Timings: 10 AM Onwards. & Code: 8075

Course Director

Dr. K. Chandrakala Sr. Faculty, Centre for Climate Change **Dr. Aadhi Naresh**, Faculty, CCC
Engineering Staff College of India,
Phone: Direct 040 6630 4164/4137, Fax: 040 - 6630 4163,
Mob: 94948 72533 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. 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 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 Directors.

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

Centre for Climate Change, Engineering Staff College of India

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