

An Executive Development Programme organised by A-CUPCB-SPAV

Energy Efficient Approach for Enhanced Urban Sustainability: Buildings to Cities

04 Days | 09 Modules | Hands-on Tutorials | 32 Contact Hours
10 Expert Presentations | Live Case Study | 2 Credits Equivalent

Purpose of the EDP

- To promote the adoption of energy-efficient approaches that enhance urban sustainability by integrating sustainable building design, efficient resource utilization, climate-responsive planning and low-carbon development strategies from individual buildings to the city scale.
- The programme aims to build awareness and technical understanding of practices that reduce energy consumption, improve environmental performance, strengthen climate resilience and support the development of sustainable, livable and future-ready urban environments.
- The programme integrates principles of energy-efficient building design, renewable energy systems, resource optimization and sustainable urban planning through interactive sessions that combine theoretical knowledge

07TH -10TH
September 2026

07TH SEPT **FUNDAMENTALS OF GREEN BUILDINGS AND ENERGY EFFICIENCY**
Module 1: Introduction to Green Buildings and Sustainability
Module 2: Energy Efficient Practices at Building Level

08TH SEPT **URBAN SCALE ENERGY EFFICIENCY AND CASE-STUDIES**
Module 3: Zoning regulation for enhanced energy efficiency: A Case-study of Mid-Sized Indian City
Module 4: Urban heat island mitigation : A Case of an Indian metropolis

09TH SEPT **ECSBC OVERVIEW AND BUILDING ENERGY SIMULATION TRAINING**
Module 5: Overview of BEE & ECBC Compliance
Module 6 & 7: Hands-on Training on building Energy Simulation for ECBC Compliance

10TH SEPT **EXPLORING GREEN RATING & ENERGY EFFICIENCY THROUGH PHYSICAL CASESTUDY**
Module 8: Physical Case-Study of Green-Rated Building
Module 9: Case-study Documentation, Analysis & Assignments

Targeted Audience

- 1) Municipal Officials
- 2) Practicing Professionals
- 3) Government officials
- 4) Young Architects & Planners
- 5) Academicians

Key highlights

1. Fundamentals of Green Buildings & Sustainability
2. Energy-Efficient Building Design
3. Urban-Scale Energy Planning
4. District Cooling & Renewable Energy Applications
5. ECBC & BEE Compliance Training
6. Hands-on Energy Simulation Workshop
7. Field Visit to a Green-Rated Building
8. Interactive Learning Experience

Patrons

Prof. Dr. Ramesh Srikonda
Director, SPAV

Prof. Dr. Ayon K Tarafdar
Head, A-CUPCB-SPAV

EDP programme coordinators

Asst. Prof. Karthik Chadalavada
(Principal Instructor)

Prof. Dr. Janmejoy Gupta
(Principal Co-Instructor)

Prof. Dr. Ramesh Srikonda
(Principal Co-Instructor)

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योजना तथा वास्तुकला विद्यालय, विजयवाडा
School of Planning and Architecture, Vijayawada
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REGISTRATION OPEN!

For Registration, fees and detailed programme.

Visit: https://acupcb.spav.ac.in/edp_26_02.php

Accommodation for participants will be provided on request basis

Registration Deadline: **05th September, 2026 5:00pm**

For further details, contact : Asst. Prof. Karthik Chadalavada
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EDP_26_02



AMRUT Centre of Urban Planning
for Capacity Building
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